

ANNUAL REPORT 2016

Education in partnership.



ESORF EUROPEAN SCHOOL OF RADIOLOGY

Education in partnership



Thank you!

REVIEW 2016



Dear Colleagues,

On behalf of ESOR, I would like to report on yet another productive and creative year during which ESOR continued to play a leading role in providing complementary radiological education of high standards, both in Europe and worldwide.

During 2016, ESOR has expanded its range of activities by adding new course series and training programmes to its portfolio, to accommodate the ever-evolving needs for radiological education. Outcomes once more emphasise the importance of establishing a long-term commitment for education in partnership and the value of delivering structured modular and mentored opportunities to learn from exchange.

2016 marked also the completion of ten years of ESOR in action, years of continuous growth in educational activities, tailored to address the needs of thousands of radiologists. During this period, ESOR contributed significantly to raising the scientific profile of radiological education and, promoting the importance of subspecialisation as well as introducing fellowships in radiology in Europe. ESOR takes pride in being instrumental in mobilising resources available for radiological education in Europe and worldwide, thus moving forward with an informed body of luminaries, the ESOR community.

This is a fine opportunity for ESOR to express its profound appreciation and gratitude to all its devoted friends, believers in lifelong learning in radiology with whom ESOR has worked together in vision and practice throughout these years: Industry, Local Organisers, Lecturers and Teachers, Heads of Departments, Mentors and Tutors, Reference Training Centres, Subspecialty and National Societies. Their contribution and support is the backbone of ESOR's success and in fact the most valuable evidence that justifies our existence.

In this report all activities, established and continued or newly introduced during 2016 are presented. You are provided with a snapshot of the educational programmes assigned to more than 2,050 residents, fellows and board-certified radiologists along with a brief description of experiences gained from their participation and interaction.

Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

ESOR STEERING COMMITTEE

March 2016 – March 2017

Scientific/Educational Director

Nicholas Gourtsoyiannis, Athens/GR

Steering Committee Members

Maria Argyropoulou, Ioannina/GR

Thomas Helbich, Vienna/AT

Hans-Ulrich Kauczor, Heidelberg/DE

Luis Marti-Bonmati, Valencia/ES

Malgorzata Szczerbo-Trojanowska, Lublin/PL

Ex-Officio Members

Lorenzo E. Derchi, Genoa/IT

2nd Vice President of ESR

Boris Brkljačić, Zagreb/HR

Chairperson of the Communication and External Affairs Committee

Laura Oleaga, Barcelona/ES

Chairperson of the Education Committee

Costin Minoiu, Bucharest/RO

Representative of RTF

Peter Baierl, Vienna/AT

Executive Director ESR

Brigitte Lindlbauer, Vienna/AT

Administrative Director ESOR

Programme Planning Committee Members

Minerva Becker, Geneva/CH

Regina Beets-Tan, Amsterdam/NL

Vicky Goh, London/UK

Apostolos Karantanas, Heraklion/GR

Christian Loewe, Vienna/AT

Roberto Pozzi Mucelli, Verona/IT

Katrine Riklund, Umeå/SE

Valentin Sinitsyn, Moscow/RU

Christophoros Stoupis, Maennedorf/CH

Majda Thurnher, Vienna/AT

ESNR European Course of Neuroradiology

Siegfried Trattinig, Vienna/AT

ESMRMB School of MRI



Greek: Γαληνός
Latin: Claudius Galenus of Pergamum
Arabic: Jalinus

Galen was an ancient Greek physician whose teaching was influential all the way up to the Renaissance. His views dominated European medicine for over a thousand years and Galen's work can be seen as building on the Hippocratic theories of the body.

The GALEN courses are scheduled to rotate among representative venues throughout Europe. In terms of content and aim they are structured into foundation courses, focusing on the early years of training and advanced courses, directed at the later years of training and young radiologists. Each programme is structured along the lines of lecture series and interactive case discussions (workshops), assigned to internationally renowned European faculties. In 2016, one foundation and four advanced courses were organised, covering topics across the modalities reaching a total number of 304 participants.

GALEN FOUNDATION COURSE

One GALEN Foundation Course aimed at residents in their first, second or third year of training in radiology took place in partnership with Bracco and was dedicated to neuro-radiology. It was attended by a total of 84 residents from 19 countries.

GALEN ADVANCED COURSES

The four GALEN Advanced Courses were aimed at residents in their fourth or fifth year of training and/or general radiologists in their early years of practice and took place in partnership with Bracco. The courses were dedicated to topics in cross-sectional imaging (oncologic, cardio-thoracic, paediatric and abdominal imaging) and were attended by 220 doctors from 40 countries.

LEVEL I+II

NEURORADIOLOGY

May 12-14, 2016
Warsaw/Poland

Host Organiser:

J. Walecki
Warsaw/PL

Topics and Faculty:

Imaging of spine trauma

M. Stajgis, Poznań/PL

Intramedullary spinal tumour-like lesions

E. Maj, Warsaw/PL

MR proton spectroscopy of the brain in selected pathologies

J. Walecki, Warsaw/PL

Pattern recognition in neuroradiology

L. Van den Hauwe, Antwerp/BE

MRI of the brain: the standard and the advanced protocol

P. Demaerel, Leuven/BE

Congenital abnormalities of the brain

M. Argyropoulou, Ioannina/GR

Brain injury

P.M. Parizel, Antwerp/BE

Stroke: diagnosis and therapy

P. Vilela, Lisbon/PT

Imaging in epilepsy

M. Papathanasiou, Athens/GR

CNS infections

C. Calli, Izmir/TR

Update on CNS malignancies

M. Thurnher, Vienna/AT

White matter diseases

F. Bonneville, Toulouse/FR

Number of participants: 84

Country statistics: Belgium 8, Bulgaria 2, Croatia 2, Denmark 1, Germany 2, Hungary 2, Jordan 1, Latvia 2, Libya 1, Lithuania 3, Malta 1, Poland 27, Portugal 3, Romania 16, Spain 3, Sweden 1, Switzerland 1, Turkey 3, United Kingdom 5

GALEN ADVANCED Courses

LEVEL II+III

ONCOLOGIC IMAGING

May 26-27, 2016

London/United Kingdom

Host Organiser:

V. Goh

London/UK

Topics and Faculty:

New opportunities for cancer imaging

L. Marti-Bonmati, Valencia/ES

PET-MRI: The next frontier for cancer?

A.J. Beer, Ulm/DE

New trends, challenges and management of cancer: Head and neck cancer

M. Becker, Geneva/CH

New trends, challenges and management of cancer: Lung cancer

J. Vilar, Valencia/ES

New trends, challenges and management of cancer: Breast cancer

T. Helbich, Vienna/AT

New trends, challenges and management of cancer: Liver metastases

M. Ronot, Clichy/FR

New trends, challenges and management of cancer: Hepatocellular carcinoma

G. Brancatelli, Palermo/IT

New trends, challenges and management of cancer: Pancreatic cancer

R. Pozzi Mucelli, Verona/IT

Quantitative diffusion-weighted imaging: from ADC to kurtosis

N. Papanikolaou, Heraklion/GR

Assessing bone metastases: can we do better?

G. Cook, London/UK

New trends, challenges and management of cancer: Prostate cancer

H.-P. Schlemmer, Heidelberg/DE

New trends, challenges and management of cancer: Ovarian cancer

R. Forstner, Salzburg/AT

New trends, challenges and management of cancer: Rectal cancer

R. Beets-Tan, Amsterdam/NL

Treatment response assessment in clinical trials: RECIST and beyond

V. Goh, London/UK

Whole body diffusion-weighted imaging in oncology

D.M. Koh, London/UK

FDG PET-CT for cancer

K. Riklund, Umeå/SE

Number of participants: 51

Country statistics: Australia 3, Austria 1, Denmark 3, Finland 2, France 1, Germany 4, Greece 1, Ireland 1, Korea 1, Netherlands 4, New Zealand 1, Norway 1, Pakistan 1, Poland 2, Romania 3, Saudi Arabia 1, Singapore 1, Spain 1, Sweden 1, Switzerland 2, Thailand 2, Turkey 4, United Kingdom 9, Uzbekistan 1

LEVEL II

CARDIO-THORACIC CROSS-SECTIONAL IMAGING

June 23-24, 2016

Moscow/Russia

Host Organiser:

I. Tyurin

Moscow/RU

Topics and Faculty:

Imaging in acute chest pain: roles of CT and MRI

H. Alkadhi, Zurich/CH

**Coronary stenosis quantification with CTA -
challenges and solutions**

V. Sinitsyn, Moscow/RU

**Current standards of practice for perfusion
MR and CT**

K. Nikolaou, Tuebingen/DE

Imaging of cardio myopathies: MRI and CT

M. Francone, Rome/IT

Pulmonary embolism and hypertension

L. Bonomo, Rome/IT

Idiopathic interstitial lung disease

I. Tyurin, Moscow/RU

**Pulmonary infections in the immune
compromised patients**

I. Tyurin, Moscow/RU

Lung cancer diagnosis and staging

J. Vilar, Valencia/ES

MRI imaging of the lungs and airways

O. Lukina, St. Petersburg/RU

Number of participants: 52

Country statistics: Australia 1, France 1,
Russian Federation 49, Serbia 1

GALEN ADVANCED Courses

LEVEL II

PAEDIATRIC IMAGING

September 8-9, 2016
Paris/France

Host Organiser:

C. Adamsbaum
Paris/FR

Topics and Faculty:

Advances in CNS imaging in childhood

M. Argyropoulou, Ioannina/GR

Fetal body MR imaging

M. Cassart, Brussels/BE

Imaging the temporal bone in children

M. Elmaleh-Bergès, Paris/FR

**Imaging the lungs in children: what we
need to know**

C. Owens, London/UK

Imaging urinary system in childhood

C. Granata, Genoa/IT

Updates of imaging in paediatric oncology

F.W. Hirsch, Leipzig/DE

**Challenges and pitfalls in imaging inflammatory
and infectious skeletal disorders in childhood**

I. Barber, Barcelona/ES

Advances in bowel imaging in children

M. Raissaki, Heraklion/GR

Imaging in child abuse

C. Adamsbaum, Paris/FR

Number of participants: 44

Country statistics: Argentina 2, Belgium 2,
Bulgaria 1, Canada 1, France 10, Germany 4,
Greece 2, Iraq 3, Italy 3, Norway 2, Poland 3,
Russian Federation 2, Saudi Arabia 1, Spain 1,
Switzerland 2, Turkey 2, United Kingdom 2,
United States of America 1

LEVEL II

ABDOMINAL IMAGING

September 22-23, 2016
Budapest/Hungary

Host Organiser:

A. Palkó
Szeged/HU

Topics and Faculty:

Acute abdomen: inflammation and its mimics

M. Zins, Paris/FR

Mesenteric ischemia: can we predict infarction?

A. Filippone, Chieti/IT

Diagnostic challenges in primary liver cancer imaging

G. Brancatelli, Palermo/IT

Incidental focal liver lesion: significance and management

Y. Menu, Paris/FR

Cystic tumours of the pancreas

G. Zamboni, Verona/IT

Imaging abdominal trauma

A. Palkó, Szeged/HU

Advances in inflammatory diseases of the bowel

S. Taylor, London/UK

Rectal cancer: imaging local tumour and nodal spread, before, during and after therapy

S. Gourtsoyianni, London/UK

Imaging peritoneal carcinomatosis: impact on patient care

P. Prassopoulos, Alexandroupolis/GR

Number of participants: 73

Country statistics: Australia 1, Belgium 2, Czech Republic 2, Denmark 3, Finland 1, France 1, Germany 1, Greece 1, Hungary 24, Ireland 1, Latvia 3, Netherlands 3, Oman 1, Poland 4, Portugal 1, Romania 8, Russian Federation 2, Slovakia 1, Spain 2, Turkey 3, Ukraine 3, United Kingdom 3, United States of America 2

ESOR COURSES FOR EDiR

In 2016, ESOR has re-introduced foundation courses to prepare/assist those entering examinations for the European Diploma in Radiology (EDiR). Three cycles of courses were organised at the ESR Learning Centre in Vienna, Austria. The format included three one-day modules at each cycle, each one dealing with a specific organ or system-oriented theme, targeting 25 participants per module. The learning objectives for each of the topics were strictly adhered to the European Training Curriculum.

Nine such courses were offered this year, covering abdominal, breast, cardiac, chest, head and neck, hybrid, musculoskeletal, neuro and paediatric radiology. In total 80 participants from 28 countries attended the ESOR Courses for EDiR, some of them taking part in all nine courses.

LEVEL II

NEURORADIOLOGY

October 27, 2016
Vienna/Austria

Topics and Faculty:

Multiple sclerosis and mimics

M. Thurnher, Vienna/AT

Brain tumours

M. Thurnher, Vienna/AT

Stroke imaging

P. Vilela, Lisbon/PT

Spine and spinal cord tumours

P. Vilela, Lisbon/PT

Brain and spine trauma

P. Vilela, Lisbon/PT

Ring-like brain lesions

M. Thurnher, Vienna/AT

Number of participants: 27

Country statistics: Austria 5, Denmark 1, Egypt 1,
Finland 1, France 1, Georgia 1, Germany 1, Ireland 2,
Latvia 1, Nigeria 1, Poland 5, Slovenia 2, Ukraine 2,
United Arab Emirates 1, United Kingdom 2

ESOR COURSES FOR EDIR

LEVEL II

HEAD AND NECK RADIOLOGY

October 28, 2016
Vienna/Austria

Topics and Faculty:

Congenital lesions of the neck

R. Maroldi, Brescia/IT

Imaging of carotid space masses

B. Verbist, Leiden/NL

Deep neck infections

R. Maroldi, Brescia/IT

Neoplasms of the mandible and maxilla

B. Verbist, Leiden/NL

Neoplasms of the nasopharynx

R. Maroldi, Brescia/IT

Soft tissue masses of the orbit

B. Verbist, Leiden/NL

Number of participants: 28

Country statistics: Austria 3, Belgium 1,
Denmark 1, Egypt 1, Finland 1, Germany 3,
Ireland 2, Latvia 1, Nigeria 1, Poland 6, Serbia 1,
Turkey 2, Ukraine 2, United Arab Emirates 1,
United Kingdom 2

LEVEL II

HYBRID IMAGING

October 29, 2016
Vienna/Austria

Topics and Faculty:

Basic methodology in hybrid imaging

K. Riklund, Umeå/SE

Cardiac SPECT/CT and PET/CT

O. Ratib, Geneva/CH

Lung cancer FDG-PET/CT

K. Riklund, Umeå/SE

Musculoskeletal SPECT/CT and PET/CT

O. Ratib, Geneva/CH

MR/PET in prostate, breast and head and neck cancer

O. Ratib, Geneva/CH

FDG-PET/CT in lymphoma

K. Riklund, Umeå/SE

Number of participants: 19

Country statistics: Austria 7, Belgium 2,
Denmark 1, Germany 2, Ireland 2, Nigeria 1,
Poland 2, United Kingdom 2

ESOR COURSES FOR EDIR

LEVEL II

ABDOMINAL IMAGING

November 3, 2016
Vienna/Austria

Topics and Faculty:

Contrast media in liver MR imaging

G. Brancatelli, Palermo/IT

Biliary tumours: benign and malignant

O. Lucidarme, Paris/FR

Imaging the cirrhotic liver

G. Brancatelli, Palermo/IT

Pancreatic adenocarcinoma

O. Lucidarme, Paris/FR

Vascular disorders of the liver

G. Brancatelli, Palermo/IT

Diagnosis and staging of colon cancer

O. Lucidarme, Paris/FR

Number of participants: 19

Country statistics: Austria 2, Denmark 1,
Hungary 2, Ireland 2, Netherlands 2, Nigeria 1,
Poland 7, Serbia 2

LEVEL II

PAEDIATRIC RADIOLOGY

November 4, 2016
Vienna/Austria

Topics and Faculty:

Fetal imaging: when, how and why to perform MR
S. Franchi-Abella, Paris/FR

Imaging of respiratory distress in neonates
M. Argyropoulou, Ioannina/GR

Neck masses: the role of imaging for diagnosis
S. Franchi-Abella, Paris/FR

Imaging of the hypothalamo-pituitary axis in children
M. Argyropoulou, Ioannina/GR

Hepato-biliary imaging: normal appearances and pathology features
S. Franchi-Abella, Paris/FR

Imaging in brain tumours in childhood
M. Argyropoulou, Ioannina/GR

Number of participants: 14

Country statistics: Austria 2, Denmark 1, Ireland 2,
Nigeria 1, Poland 7, Switzerland 1

ESOR COURSES FOR EDIR

LEVEL II

MUSCULOSKELETAL RADIOLOGY

November 5, 2016
Vienna/Austria

Topics and Faculty:

**Imaging the sacroiliac joints in axial
spondyloarthropathy**

A. Karantanas, Heraklion/GR

**Practical approach to imaging acetabular
fractures**

U. Aydingoz, Ankara/TR

Common injuries in the immature skeleton

A. Karantanas, Heraklion/GR

Femoroacetabular impingement made easy

U. Aydingoz, Ankara/TR

Overuse syndromes in adults

A. Karantanas, Heraklion/GR

Osteomyelitis updated

U. Aydingoz, Ankara/TR

Number of participants: 17

Country statistics: Austria 1, Bosnia and
Herzegovina 1, Brazil 1, Denmark 2, Ireland 2,
Nigeria 1, Poland 6, Slovenia 1, Spain 1, Switzerland 1

LEVEL II

CHEST IMAGING

November 10, 2016
Vienna/Austria

Topics and Faculty:

Pulmonary nodules and management

H. Prosch, Vienna/AT

Great vessels (including congenital anomalies)

H.-U. Kauczor, Heidelberg/DE

Chest trauma and the postoperative chest

H. Prosch, Vienna/AT

Pulmonary vascular disease

H.-U. Kauczor, Heidelberg/DE

Primer for diffuse interstitial lung disease

H. Prosch, Vienna/AT

Mediastinal disease

H.-U. Kauczor, Heidelberg/DE

Number of participants: 26

Country statistics: Austria 3, Belgium 2,
Denmark 1, Germany 2, Ireland 2, Nigeria 1,
Poland 8, Portugal 1, Romania 1, Slovenia 2,
Switzerland 1, United Arab Emirates 1,
United Kingdom 1

ESOR COURSES FOR EDIR

LEVEL II

CARDIAC IMAGING

November 11, 2016
Vienna/Austria

Topics and Faculty:

Acute coronary syndrome

C. Loewe, Vienna/AT

Ischemic cardiomyopathies

M. Francone, Rome/IT

Imaging in CAD after treatment

C. Loewe, Vienna/AT

Non-ischemic cardiomyopathies

M. Francone, Rome/IT

Carotid disease

C. Loewe, Vienna/AT

Imaging prior and after valvular repair

M. Francone, Rome/IT

Number of participants: 21

Country statistics: Austria 3, Belgium 2,
Denmark 1, Germany 1, Ireland 2, Italy 1,
Nigeria 1, Poland 5, Portugal 1, Romania 1,
Switzerland 1, United Arab Emirates 1,
United Kingdom 1

LEVEL II

BREAST IMAGING

November 12, 2016
Vienna/Austria

Topics and Faculty:

Breast screening: pros and cons

S. Vinnicombe, Dundee/UK

Benign and borderline lesions of the breast

T. Helbich, Vienna/AT

Structured reporting in breast imaging

S. Vinnicombe, Dundee/UK

Update on MR imaging of the breast

T. Helbich, Vienna/AT

Breast tumour extent evaluation: which imaging technique?

S. Vinnicombe, Dundee/UK

How to perform and interpret results in breast interventions?

T. Helbich, Vienna/AT

Number of participants: 20

Country statistics: Austria 2, Belgium 2,
Denmark 1, Germany 1, Greece 1, Ireland 1, Italy 1,
Nigeria 1, Poland 8, Portugal 1, Romania 1



Greek: Ἀσκληπιός
Latin: Aesculapius

Asklepios (or Asclepius) was the God of Medicine and reputed ancestor of the Asklepiades, the ancient Greek doctors' guild.

Asklepios represents the healing aspect of medical arts. He had four daughters: Aglæa/Ægle, goddess of natural beauty and fitness, Hygieia, goddess of disease prevention, Panacea, goddess of healing (literally, "all-healing"), and Iaso, goddess of recuperation from illness.

Healing temples and "sanctuaries" called Asclepieia became increasingly popular around 300 BC where pilgrims flocked to Asclepieia to be healed. Asclepius' most famous sanctuary was in Epidaurus. Another famous "asclepieion" was on the island of Kos where Hippocrates, the legendary Father of Medicine, is said to have begun his career. Asklepios statues may be recognised by the presence of serpents.

ASKLEPIOS COURSES IN EUROPE

This year's programme included eight ASKLEPIOS courses, which were tailored to address recognised needs and were held in Europe and Russia. Content-wise these were very diverse and aimed, in particular, at general radiologists and private practitioners.

The long-term partnership with Affidea was continued with one ASKLEPIOS Multimodality Course organised in Dublin/Ireland, attended by 51 participants from 17 countries.

Additionally, ESOR has expanded its activities in Russia. Besides the continuation of the partnership with Lancet, which resulted in an ESOR course on "Imaging in Vascular Diseases", another ESOR course on "Advanced Oncologic Imaging" in partnership with R-Pharm was introduced. The course on "Imaging in Vascular Diseases" took place in Suzdal/Russia and was attended by 58 radiologists, whereas the course on "Advanced Oncologic Imaging" was organised in Kazan/Russia with 51 participants from Russia and CIS countries.

In 2016, ESOR was proud to include the following new courses in its portfolio: a course on "Introduction to Hybrid Imaging in Oncology" in Vienna/Austria in partnership with the newly founded European Society for Hybrid Medical Imaging (ESHI), which was attended by 99 participants from 32 countries; a course on "Cardio-Thoracic Imaging" embedded within the successful ESOR Graz Tutorial; a symposium on "Imaging Hallmarks of Cancer" in Lisbon/Portugal, which was realised in collaboration with the Champalimaud Foundation for 257 interested participants; as well as a course on "Body Imaging Biomarkers" taking place in Valencia/Spain in partnership with GE Healthcare.

Furthermore, after already four successful courses in 2012, 2013, 2014 and 2015, ESOR again jointly with the European Society for Radiotherapy and Oncology (ESTRO) delivered a multidisciplinary course aimed at radiologists, radiation-oncologists and surgeons. The course took place in Amsterdam/The Netherlands, and was held under the title "Multidisciplinary Approach to Cancer Imaging". It was attended by 55 participants from 19 countries.

LEVEL II

MULTIMODALITY COURSE

May 19-20, 2016
Dublin/Ireland

Host Organiser:

D. Malone
Dublin/IE

Topics and Faculty:

Challenges in head and neck cancer imaging

R. Maroldi, Brescia/IT

Solid and semi-solid pulmonary nodules: detection, characterisation and management

H. Prosch, Vienna/AT

Cardiac findings on chest CT

C. Loewe, Vienna/AT

Cirrhosis and hepatocellular carcinoma

D. Malone, Dublin/IE

Abdominal neuroendocrine tumours

V. Vilgrain, Clichy/FR

Correctal cancer: screening, diagnosis, staging

H. Fenlon, Dublin/IE

MRI of the small bowel: how to do and interpret it

S. Gourtsoyianni, London/UK

MR imaging of the prostate

U. Mueller-Lisse, Munich/DE

Incidental and symptomatic ovarian masses

I. Thomassin-Naggara, Paris/FR

Number of participants: 51

Country statistics: Australia 2, Belgium 2, Czech Republic 3, Finland 1, Greece 4, Hungary 3, Ireland 10, Italy 3, Lithuania 2, New Zealand 1, Poland 8, Portugal 1, Romania 6, Slovakia 1, Slovenia 2, Spain 1, United Kingdom 1

ASKLEPIOS Courses

LEVEL I+II

IMAGING IN VASCULAR DISEASES

June 2-3, 2016
Suzdal/Russia

Host Organiser:

V. Sinitsyn
Moscow/RU

Topics and Faculty:

CTA and MRA in vascular diseases:

when to do what

M. Prokop, Nijmegen/NL

**Imaging peripheral arterial occlusive disease
(CT, MR)**

C. Loewe, Vienna/AT

**Imaging of atherosclerosis and identification
of patients at risk (plaque imaging, whole body
angiography)**

V. Sinitsyn, Moscow/RU

Imaging of acute aortic syndrome

G. Kirova, Sofia/BG

**Imaging of carotid artery disease - balance
between science and practice (CT, MR)**

C. Catalano, Rome/IT

Imaging of vascular trauma (CT, MR)

M. Scaglione, Castel Volturno/IT

Vascular abdominal emergencies

A. Palkó, Szeged/HU

Pulmonary vascular diseases

I. Tyurin, Moscow/RU

Imaging of venous diseases: an update

M. Krokidis, Cambridge/UK

Number of participants: 58

Country statistics: Armenia 1,
Russian Federation 57

LEVEL III

INTRODUCTION TO HYBRID IMAGING IN ONCOLOGY

September 1-2, 2016
Vienna/Austria

Host Organisers:

K. Riklund, Umeå/SE
C. Herold, Vienna/AT

Topics and Faculty:

**Introduction to hybrid medical imaging,
radiotracers and physics**

K. Riklund, Umeå/SE
T. Beyer, Vienna/AT

Non-small cell lung cancer

H. Prosch, Vienna/AT
O. Ratib, Geneva/CH

Lymphoma

A. Vanzulli, Milan/IT
T. Hany, Zurich/CH

Head and neck cancer

M. Becker, Geneva/CH
J. Soerensen, Uppsala/SE

Prostate cancer

H.-P. Schlemmer, Heidelberg/DE
M. Hartenbach, Vienna/AT

Gynaecologic cancer

L. Umutlu, Essen/DE
A. Rockall, London/UK

Number of participants: 99

Country statistics: Armenia 2, Belgium 1, Bosnia and Herzegovina 1, Brazil 1, Bulgaria 2, Chile 1, Croatia 2, Czech Republic 1, Egypt 10, France 1, Georgia 1, Germany 3, Greece 1, Hungary 3, India 1, Iraq 1, Italy 8, Jordan 1, Kazakhstan 2, Latvia 1, Mexico 1, Morocco 1, Norway 3, Poland 7, Romania 21, Russian Federation 8, Saudi Arabia 2, Serbia 1, Spain 4, Switzerland 1, Turkey 3, United Kingdom 3

ASKLEPIOS Courses

LEVEL II+III

ADVANCED ONCOLOGIC IMAGING

September 30-October 1, 2016

Kazan/Russia

Host Organiser:

I. Tyurin
Moscow/RU

Topics and Faculty:

Multimodality imaging of laryngeal and oropharyngeal cancer

N. Traikova, Plovdiv/BG

Multimodality imaging and staging of lung cancer

I. Tyurin, Moscow/RU

CT/MR of HCC before, during and after treatment

F. Caseiro Alves, Coimbra/PT

Solid pancreatic tumours: imaging protocols, staging, resectability

G. Karmazanovsky, Moscow/RU

Most common primary malignancies of the small intestine: challenges in depiction and characterisation using radiologic/pathologic correlations

N. Gourtsoyiannis, Athens/GR

Colorectal cancer: screening, diagnosis, staging

A. Laghi, Latina/IT

MRI of prostate cancer

N. Rubtsova, Moscow/RU

MR imaging of breast cancer before and after treatment

M. Fuchsjäger, Graz/AT

Assessment of treatment response: current criteria and their limitations (RECIST and PERCIST)

M. Laniado, Dresden/DE

Number of participants: 51

Country statistics: Poland 1, Russian Federation 50

LEVEL I+II

CARDIO-THORACIC IMAGING

October 12-14, 2016

Graz/Austria

Host Organiser:

M. Fuchsjäger
Graz/AT

Topics and Faculty:

Lung cancer screening and nodule management

H.-U. Kauczor, Heidelberg/DE

Percutaneous ablation for therapy of thoracic tumours

R. Portugaller, Graz/AT

Imaging of mucus, inflammation and remodelling in COPD and CF

H.-U. Kauczor, Heidelberg/DE

Imaging in lung cancer

H.-U. Kauczor, Heidelberg/DE

Endovascular treatment of acute and chronic thoracic vascular lesions

H. Deutschmann, Graz/AT

Acute and chronic pulmonary thromboembolism

H. Schöllnast, Graz/AT

CT and MRI in acute coronary syndrome

V. Sinitsyn, Moscow/RU

CT-angiography of coronary stents

V. Sinitsyn, Moscow/RU

A systematic approach to congenital heart disease

E. Sorantin, Graz/AT

Number of participants: 13

Country statistics: Belgium 1, Germany 1, Hong Kong 1, Ireland 1, Portugal 1, Romania 1, Saudi Arabia 1, Slovenia 5, Switzerland 1

Diagnostic work-up of cardiac tumours

V. Sinitsyn, Moscow/RU

Cardiac MRI biomarkers - Basic concepts

G. Reiter, Graz/AT

Cardiac MRI biomarkers - Clinical applications

U. Reiter, Graz/AT

Assessing the heart on routine ungated chest CT

C. Loewe, Vienna/AT

The many faces of pulmonary sarcoidosis

C. Schaefer-Prokop, Amersfoort/NL

Cardiac CT after treatment

C. Loewe, Vienna/AT

Cardiac Perfusion CT

R. Maderthaler, Graz/AT

Increased density on HRCT - a differential diagnostic approach

C. Schaefer-Prokop, Amersfoort/NL

Imaging in acute chest pain

C. Loewe, Vienna/AT

Infection in immunocompetent and immunocompromised patients

C. Schaefer-Prokop, Amersfoort/NL

Closing Ceremony

M. Fuchsjäger, Graz/AT

ASKLEPIOS Courses

LEVEL III

SYMPOSIUM ON IMAGING HALLMARKS OF CANCER

October 28-29, 2016

Lisbon/Portugal

Host Organiser:

C. Matos
Lisbon/PT

Topics and Faculty:

Keynote lecture

Chair: C. Matos, Lisbon/PT

Hallmarks of cancer: the next generation

D. Hanahan, Lausanne/CH

Principles for progress in oncologic imaging

Chair: C. Matos, Lisbon/PT

The role of exosomes in pre-metastatic niche formation

B. Costa da Silva, Lisbon/PT

Imaging biomarkers for research and clinical use

D.-M. Koh, London/UK

Future paradigms in pathology

C. Cordon Cardo, New York/US

Future paradigms in radiation oncology

Z. Fuks, Lisbon/PT

The future is now: trends and choices in imaging

Chair: C. Matos, Lisbon/PT

CEUS: state of the art and emerging applications

J. Rübenthaler, Munich/DE

Dual energy CT: state of the art and emerging applications

S. Schindera, Basel/CH

MR imaging: state of the art and emerging applications

L. Marti-Bonmati, Valencia/ES

Hybrid imaging: the new frontier for cancer imaging?

K. Riklund, Umeå/SE

Multidisciplinary panel discussions - Rectal cancer

Chair: R. Beets-Tan, Amsterdam/NL

Surgeon's/radiation oncologist's perspectives

N. Figueiredo, Lisbon/PT

C. Greco, Lisbon/PT

Number of participants: 257

Country statistics: Australia 2, Austria 2, Belarus 1, Belgium 1, Canada 1, Chile 1, France 4, Germany 3, Japan 1, Lithuania 2, Netherlands 1, Poland 2, Portugal 226, Russian Federation 1, Singapore 1, Spain 2, Sweden 1, Turkey 1, United States of America 1, Others 3

Imaging for diagnosis, staging and restaging

R. Beets-Tan, Amsterdam/NL

Multidisciplinary panel discussions - Lymphoma and multiple myeloma

Chair: L. Marti-Bonmati, Valencia/ES

Medical oncologist's perspective

P. Lucio, Lisbon/PT

New imaging strategies for diagnosis and staging

C. João, Lisbon/PT

L. Marti-Bonmati, Valencia/ES

Multidisciplinary panel discussions - Hepatobiliary cancer

Chair: V. Vilgrain, Clichy/FR

Surgeon's/oncologist's perspectives

E. Barroso, Lisbon/PT

C. Carvalho, Lisbon/PT

Imaging for diagnosis and staging

V. Vilgrain, Clichy/FR

Multidisciplinary panel discussions - Pancreatic cancer

Chair: C. Matos, Lisbon/PT

Surgeon's/oncologist's perspectives

M. Del Chiaro, Stockholm/SE

C. Carvalho, Lisbon/PT

Imaging for diagnosis and staging

C. Matos, Lisbon/PT

Multidisciplinary panel discussions - Breast cancer

Chair: F. Sardanelli, Milan/IT

Surgeon's/oncologist's perspectives

M.J. Cardoso, Lisbon/PT

F. Cardoso, Lisbon/PT

Imaging for diagnosis and staging

F. Sardanelli, Milan/IT

Post-treatment imaging assessment of cancer

Chair: C. Carvalho, Lisbon/PT;

D.-M. Koh, London/UK

Complications of chemotherapy: importance for the imager

C. Carvalho, Lisbon/PT

Functional tumour response assessment imaging criteria: how to use them?

D.-M. Koh, London/UK

Fundamentals and post-procedural imaging in interventional oncology

J. Chapiro, New Haven/US

ASKLEPIOS Courses

LEVEL III

MULTIDISCIPLINARY APPROACH TO CANCER IMAGING

November 10-12, 2016
Amsterdam/The Netherlands

Host Organiser:

R. Beets-Tan,
Amsterdam/NL

Topics and Faculty:

Introduction: aim and methodology of the course

R. Beets-Tan, Amsterdam/NL
V. Valentini, Rome/IT

Imaging technology in radiology and radiotherapy: protocols that matter
Imaging technology in radiotherapy for radiologists

Basic principle in radiation technology
V. Valentini, Rome/IT

Imaging technology in radiology and radiotherapy: protocols that matter
Imaging technology in radiotherapy for radiologists

Clinical application
M. Verheij, Amsterdam/NL

Imaging technology in radiology and radiotherapy: protocols that matter
Imaging technology in radiology for radiotherapists

Basic principle in MR technology
N. Papanikolaou, Heraklion/GR

Imaging technology in radiology and radiotherapy: protocols that matter
Imaging technology in radiology for radiotherapists

Clinical application
V. Vilgrain, Clichy/FR

Imaging technology in radiology and radiotherapy: protocols that matter
Radiation technology for radiotherapists

V. Valentini, Rome/IT

Imaging technology in radiology and radiotherapy: protocols that matter
MR physics for radiologists

N. Papanikolaou, Heraklion/GR

Node positive non-small cell lung cancer (NSCLC)
Staging with imaging

C. Schaefer-Prokop, Amersfoort/NL

Node positive non-small cell lung cancer (NSCLC)
PET and new tracers for treatment planning/adaptation

M. Stokkel, Amsterdam/NL

How to manage treatment
Surgery

S. Margaritora, Rome/IT

How to manage treatment
Radiotherapy

D. Zips, Tuebingen/DE

Number of participants: 55

Country statistics: Australia 1, Austria 2, Belgium 2, Brazil 1, Croatia 1, Czech Republic 1, Denmark 2, Germany 3, Hungary 1, Iran 1, Netherlands 22, Norway 1, Poland 3, Portugal 2, Romania 6, Russian Federation 1, Spain 2, Switzerland 2, United Kingdom 1

Liver - borderline resectable colorectal liver metastases
CT and MRI of liver tumours
V. Vilgrain, Clichy/FR

Liver - borderline resectable colorectal liver metastases
How to manage treatment - invasive and non-invasive
T. Ruers, Amsterdam/NL

Liver - borderline resectable colorectal liver metastases
How to manage treatment - radiation and systemic
M. Verheij, Amsterdam/NL

Pancreas - borderline resectable pancreatic cancer
CT and MRI of pancreatic tumours
G. Morana, Treviso/IT

Pancreas - borderline resectable pancreatic cancer
How to manage treatment
M. Bemelmans, Maastricht/NL

Rectal cancer
How to manage treatment - surgery
C. van de Velde, Leiden/NL

Rectal cancer
How to manage treatment - radiation treatment
V. Valentini, Rome/IT

Rectal cancer
MRI of rectal cancer
R. Beets-Tan, Amsterdam/NL

ASKLEPIOS Courses

LEVEL III

BODY IMAGING BIOMARKERS

December 12-13, 2016

Valencia/Spain

Host Organiser:

L. Marti-Bonmati
Valencia/ES

Topics and Faculty:

General concepts

Concept and development of imaging biomarkers
L. Marti-Bonmati, Valencia/ES

Accuracy, precision and measurement validation
A. Alberich-Bayarri, Valencia/ES

Reproducibility and repeatability
D.J. Lomas, Cambridge/UK

Oncology
Tumour hallmarks and diffusion-weighted biomarkers
C. Matos, Lisbon/PT

Tumour hallmarks and perfusion-weighted biomarkers
V. Goh, London/UK

Tumour hallmarks and PET/CT biomarkers
E. Rummeny, Munich/DE

Liver

Liver fat and iron biomarkers
M. França Oliveira, Maia/PT

Liver inflammation and fibrosis biomarkers
B. Van Beers, Clichy/FR

Liver elastography biomarkers
D.J. Lomas, Cambridge/UK

Lung and MSK
Lung parenchyma biomarkers
J. Dinkel, Munich/DE

Cartilage integrity biomarkers
S. Trattnig, Vienna/AT

Bone quality biomarkers
K. Verstraete, Gent/BE

General concepts
Future imaging biomarkers: EIBALL's perspective
S. Trattnig, Vienna/AT

Number of participants: 41

Country statistics: Austria 2, Belgium 1, Denmark 1,
France 1, Germany 2, Ireland 1, Italy 2, Japan 1,
Kazakhstan 1, Netherlands 2, Portugal 1,
Romania 2, Spain 23, Switzerland 1



LEVEL II+III

VISITING PROFESSORSHIP

Programme Romania

within the ESR Support Initiative

This Visiting Professorship Programme was organised within the frame of the ESR Support Initiative. This project, launched and announced in November 2014, aims to improve access to radiological training and educational resources for aspiring physicians and scientists in less affluent regions in Europe, with the goal of ensuring better healthcare for future generations in those regions. In 2016, Romania was selected by the ESR Board of Directors as the second country of this initiative.

The professorship was aimed at senior residents, board-certified radiologists and fellows interested in abdominal oncologic imaging. It was designed as an intense one-day programme, directly linked to the Romanian National Conference of Radiology and Medical Imaging. A particular focus was on the applications of the latest imaging techniques, diagnostic criteria, staging principles and the clinical role of imaging in gastrointestinal, mesenteric and peritoneal neoplasms. Renowned European experts ensured a high quality teaching programme, combining lectures and workshops, allowing for interactive case discussions.

IMAGING NEOPLASTIC DISEASES IN GI TRACT

Date and Venue:

October 6, Iasi/RO (239 participants)

Host Organiser:

D. Negru, Iasi/RO

Topics and Faculty:

Imaging of gastrointestinal stromal tumours

D. Regge, Candiolo/IT

Imaging of GI tract lymphoma

P. Prassopoulos, Alexandroupolis/GR

Staging of colon cancer

L. Curvo Semedo, Coimbra/PT

MR Imaging in rectal cancer

L. Curvo Semedo, Coimbra/PT

Clinical role of imaging in mesenteric and peritoneal neoplasms

P. Prassopoulos, Alexandroupolis/GR

Imaging tumour response to treatment: the GI tract

D. Regge, Candiolo/IT

VISITING PROFESSORSHIP

Programme Balkan Congress

within the ESR Support Initiative

This Visiting Professorship Programme was aimed at senior residents, board-certified radiologists and fellows interested in chest and abdominal oncologic imaging. It was designed as an intense one-day programme, directly linked to the Balkan Congress of Radiology, as part of the ESR Support Initiative. A particular focus was on the applications of the latest imaging techniques, diagnostic criteria, staging principles and the clinical role of imaging in lung, pancreatic, endometrial, cervical, colon and rectal cancer. Renowned European experts ensured a high quality teaching programme, combining lectures and workshops, allowing for interactive case discussions.

BODY ONCOLOGIC IMAGING

Date and Venue:

October 13, Thessaloniki/GR (119 participants)

Host Organisers:

P. Prassopoulos, Alexandroupolis/GR

S. Efremidis, Thessaloniki/GR

Topics and Faculty:

Lung cancer

H.-U. Kauczor, Heidelberg/DE

Solid and cystic pancreatic neoplasms

R. Manfredi, Verona/IT

Preoperative image staging of colorectal cancer

S. Gourtsoyianni, London/UK

Imaging of the immunocompromised patient

H.-U. Kauczor, Heidelberg/DE

MR imaging of endometrial and cervical cancer

R. Manfredi, Verona/IT

Assessing treatment response of locally advanced rectal cancer

S. Gourtsoyianni, London/UK

Visiting Seminars in Asia

AIMS

ADVANCED IMAGING MULTIMODALITY SEMINARS

This year's Advanced Imaging Multimodality Seminar (AIMS) was organised jointly with the Korean Society of Radiology (KSR) and was supported by Bracco. The seminars are aimed at board-certified radiologists and specialists. These are organ- or subspecialty-oriented, focused on the most recent diagnostic advances available and offer ample opportunities to share and exchange scientific knowledge and expertise. The seminar on "Advanced Thoracic Imaging" took place in Seoul, with joint European and Korean faculties and attracted 88 Korean radiologists.



LEVEL II+III

AIMS KOREA

SEMINAR ON ADVANCED THORACIC IMAGING

Date and Venue:

July 9, Seoul/KR (88 participants)

Host Organiser:

Jai Soung Park, Bucheon/KR

Topics and Faculty:

Recent updates on idiopathic interstitial pneumonias: UIP and NSIP

Sujal Desai, London/UK

Recent updates on lung cancer screening in Europe

Hans-Ulrich Kauczor, Heidelberg/DE

Quantitative imaging of COPD and DILD

Joon Beom Seo, Seoul/KR

Imaging updates of mediastinal tumours

Edwin Van Beek, Edinburgh/UK

IASCL/ATE/ERS classification of lung adenocarcinoma: radiologic implications

Chang Min Park, Seoul/KR

Recent updates on tuberculosis and nontuberculous mycobacterial infection

Yeon Joo Jeong, Busan/KR

Visiting Seminars in Latin America

AIMS

ADVANCED IMAGING MULTIMODALITY SEMINARS

After a very successful start of the AIMS Seminars in Brazil in 2012, and the AIMS Seminars in Mexico in 2013, the long-term partnership with Bracco was continued. These features were again realised in partnership with the Brazilian College of Radiology, the Mexican Federation of Radiology (FRMI) and the Mexican Society of Radiology (SMRI). Both the AIMS Seminars in Brazil and in Mexico were aimed at participants from the respective country, in particular board-certified radiologists and specialists. The seminars in Mexico on “Abdominal Oncologic Imaging” took place in Mexico City and Monterrey and were attended by 68 and 80 participants respectively, a total of 148 participants. The AIMS programme in Brazil was dedicated to “Advanced Oncologic Imaging” and was hosted in São Paulo and Salvador with 90 and 74 attendees, summing up to 164 participants.



LEVEL II

AIMS MEXICO

ABDOMINAL ONCOLOGIC IMAGING

Dates and Venues:

April 13, Mexico City/MX (68 participants)
April 15, Monterrey/MX (80 participants)

Host Organisers:

A. López Ortiz, Mexico City/MX
R. Anguiano Martínez, Aguascalientes/MX
G. Elizondo-Riojas, Monterrey/MX

Topics and Faculty:

GI tract lymphomas

M. Zins, Paris/FR

DWI in abdominal oncology

N. Kartalis, Stockholm/SE

Focal liver lesions: detection and characterisation

G. Elizondo-Riojas, Monterrey/MX

Imaging metastatic disease in the abdomen

L.F. Alva Lopez, Mexico City/MX

Solid pancreatic tumours: imaging protocols, staging, resectability

R. Manfredi, Verona/IT

Multiparametric imaging of prostate

J. Futterer, Nijmegen/NL

LEVEL II+III

AIMS BRAZIL

ADVANCED ONCOLOGIC IMAGING

Dates and Venues:

August 25-26, São Paulo/BR (90 participants)
August 27-28, Salvador/BR (74 participants)

Host organisers:

A. Soares Souza, São Paulo/BR
L. Costa, Belo Horizonte/BR
A. Matteoni de Athayde, Salvador/BR

Topics and Faculty:

Characterisation and management of solitary pulmonary nodules

M. Prokop, Nijmegen/NL

Multimodality imaging and staging of lung cancer

C. Schaefer-Prokop, Amersfoort/NL

New insights into imaging and characterisation of mediastinal masses

A. Soares Souza Jr., São José do Rio Preto/BR

Quantitative MRI in abdominal oncology

L. Marti-Bonmati, Valencia/ES

CT/MR of HCC before, during and after treatment

F. Caseiro Alves, Coimbra/PT

Imaging of cystic pancreatic tumours

C. Matos, Lisbon/PT

Imaging criteria in staging and resectability of pancreatic cancer

G. D'Ippolito, São Paulo/BR

Most common primary malignancies of the small bowel: challenges in depiction and characterisation using radiologic/pathologic correlations

N. Gourtsoyiannis, Athens/GR

CT and MRI of renal tumours: pearls and pitfalls

R. Chojniak, São Paulo/BR

LEVEL II+III

VISITING PROFESSORSHIP Programme Uzbekistan

In 2016, ESOR introduced a Visiting Professorship Programme in Tashkent/Uzbekistan under the chairmanship of Prof. M. Khodjibekov. The aim of this one-day intense multi-thematic course was to enhance and consolidate the tutorials in Central Asia and further the educational opportunities for senior residents, board-certified radiologists and fellows from Uzbekistan and neighbouring countries. It was designed to update professional knowledge of current imaging options and strategies in a number of selected clinical conditions. Renowned European experts ensured a high quality teaching programme.

CARDIO-THORACIC AND ABDOMINAL IMAGING

Date and Venue:

June 9, Tashkent/UZ (60 participants)

Host Organiser:

M. Khodjibekov, Tashkent/UZ

Topics and Faculty:

New directions in the diagnosis of pulmonary embolism

V. Sinitsyn, Moscow/RU

Depiction and characterisation of incidental liver lesions

C. Stoupis, Maennedorf/CH

CT and MR imaging in acute coronary syndrome

V. Sinitsyn, Moscow/RU

Signs in small bowel imaging

N. Gourtsoyiannis, Athens/GR

Imaging and intervention in acute pancreatitis

C. Stoupis, Maennedorf/CH

Diagnostic challenges in colorectal liver metastases

V. Sinitsyn, Moscow/RU

MR imaging of the small bowel

N. Gourtsoyiannis, Athens/GR

Imaging solid lesions of the pancreas

C. Stoupis, Maennedorf/CH

VISITING PROFESSORSHIP

Programme Colombia

This Visiting Professorship Programme was aimed at senior residents, board-certified radiologists and fellows interested in women's imaging. It was designed as an intense one-day programme, articulated on imaging strategies for breast and pelvic pathologies. Emphasis laid on the latest cross-sectional imaging techniques in the detection, characterisation, staging and follow-up of breast, cervical and ovarian malignancies.

Renowned European lecturers ensured a high quality teaching programme combining lectures and workshops, allowing for interactive case discussions. The course in Cartagena was directly linked to the Colombian Congress of Radiology, while the course in Bogotá was held at the ESR Latin America Office.

WOMEN'S IMAGING

Dates and Venues:

August 3, Cartagena/CO (80 participants)
August 7, Bogotá/CO (9 participants)

Host Organisers:

A.M. Granados, Cali/CO
F. Lubinus, Bucaramanga/CO

Topics and Faculty:

Update on advanced breast ultrasound including elastography

B. Brkljačić, Zagreb/HR

Inflammatory diseases of the pelvis

R. Forstner, Salzburg/AT

Cervical cancer: initial detection and depiction of recurrence

A. Rockall, London/UK

Clinical challenges of MR imaging of the breast

B. Brkljačić, Zagreb/HR

Pitfalls in female pelvic imaging

R. Forstner, Salzburg/AT

Imaging and staging of ovarian cancer

A. Rockall, London/UK

LEVEL II+III

TUTORIALS

In 2016, two ESOR Tutorials were organised in Astana/Kazakhstan and Graz/Austria. The ESOR Astana Tutorial was organised by the National Research Cardiac Surgery Centre in Astana under the chairmanship of Dr. T. Dautov and supported by an unrestricted grant by Siemens Healthcare. For two weeks, 15 participants were offered practical and theoretical knowledge and the opportunity to be integrated in the activities of an academic department of radiology. The tutorial comprised lectures on a variety of topics, covering modern diagnostic and interventional radiology. Mentored hands-on workshops in ultrasound, CT and MRI were also included. The ESOR Astana Tutorial was aimed at radiologists from Central Asia, including Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.

The ESOR Graz Tutorial was organised by the Medical University Graz under the chairmanship of Prof. M. Fuchsjäger and supported by the ESR. The aim of the tutorial was to further the experience of young radiologists, residents in their last year of training and board-certified radiologists, in daily radiological practice through intense teaching and exchange in a European reference centre. The participants, 12 radiologists from Russia and CIS countries, were offered one week of practical and theoretical knowledge and the opportunity to be integrated in the activities of an academic department of radiology.



ESMRMB SCHOOL OF MRI

With its wide range of activities and fruitful engagement with its partners, ESOR has built up a network of quality assured European educational activities in radiology in Europe and beyond, including a partnership with the School of MRI of the European Society for Magnetic Resonance in Medicine and Biology (ESMRMB). The ESMRMB School of MRI programme is targeted at physicians and technicians/radiographers and offers advanced clinical courses in the field of MRI. The courses offer the opportunity to enhance knowledge and to get prepared for the need of modern daily MR business. 50% of the total teaching time is used for repetition sessions and case discussions in small groups in order to intensify the learning experience.

In 2016, eight School of MRI courses took place, with approximately 400 participants from 50 different countries. Furthermore, the ESMRMB offered its very first online educational course within the School of MRI programme. Thus, the School of MRI was now again complemented by a basic course in applied MR techniques. Over the course of seven weeks, the course concerned one topic per lesson (1.5 h) and was generally aimed at those who have no or little physical and mathematical background, but would like to understand the process of image formation and the sequences of usual clinical MR imaging. The great advantage of this web-based teaching is not only its steadily global increase but also the possibility to learn from anywhere. Due to its great success, the eLearning course will be part of the programme once again in 2017.

Overall, thanks to the continuing commitment of the organisers and speakers, the ESMRMB held 158 courses since the year 2000. The cooperation between ESOR and the ESMRMB School of MRI has been of high value to both and is therefore being continued.

Course	Venue	Date	Participants
Advanced MR Imaging of the Abdomen	Istanbul/TR	May 5-7	cancelled
Clinical fMRI & DTI - Theory and Practice	Barcelona/ES	June 16-18	49
Advanced Head & Neck MR Imaging	Brescia/IT	June 16-18	48
Advanced MR Imaging in Paediatric Radiology	London/UK	August 25-27	33
Advanced Cardiac MR Imaging	Zagreb/HR	September 1-3	48
Body Diffusion-weighted MRI: From Theory to Practice	Vienna/AT	September 26-28	37
Advanced Neuro Imaging: Diffusion, Perfusion, Spectroscopy	Barcelona/ES	October 20-22	67
Advanced Breast & Female Pelvis MR Imaging	Athens/GR	October 20-22	52
Advanced MR Imaging of the Musculoskeletal System	Menton/FR	November 10-12	52
MR Safety	Gelsenkirchen/DE	November 17-19	cancelled
eLearning: Basic course in applied MR techniques		October 17 - November 28	50

FURTHER ACTIVITIES

CONTRIBUTION TO “ESR EDUCATION ON DEMAND”

ESOR is contributing to the ESR Education on Demand platform with several online courses, which have the goal to offer radiologists high-quality teaching from home. In 2016, over 20 online courses were available on the ESR Education on Demand platform, all of which included e-learning content in the form of recorded lectures with presentation material.

PARTNERSHIPS WITH THE EUROPEAN SOCIETY OF NEURORADIOLOGY, DIAGNOSTIC AND INTERVENTIONAL (ESNR)

The European Society of Neuroradiology, Diagnostic and Interventional (ESNR) and its European Course of Neuroradiology (ECNR) finished its 13th cycle with the 4th module held in spring on “Trauma and Degenerative Diseases” with 303 participants from 47 countries. The 1st module of the 14th cycle started with the autumn course “Anatomy and Embryology” with 325 participants from 51 countries.

VISITING SCHOLARSHIP PROGRAMMES EXCHANGE PROGRAMMES FOR FELLOWSHIPS ONE-YEAR FELLOWSHIPS

VISITING SCHOLARSHIP PROGRAMMES

In 2016 36 places were available in Europe with the support of Bracco, the ESR and the Spanish Foundation of Radiology. Two of these scholarships were offered to Romanian residents within the ESR Support Initiative. Additionally, the Memorial Sloan-Kettering Cancer Center (MSKCC) in New York and the Case Western Reserve University in Cleveland have continued to support four scholars from Europe by offering an intense training course. Furthermore, one Chinese radiologist again had the opportunity to complete a three-month intense training course in the UK, thanks to a grant supported by the Jo Li Trust. In total more than 240 residents have applied for the various programmes.

EXCHANGE PROGRAMMES FOR FELLOWSHIPS

In partnership with the European subspecialty societies, 27 junior radiologists had the possibility to pass modular training in their chosen subspecialty. The programmes included abdominal radiology (ESGAR – six trainees), breast radiology (EUSOBI – two trainees), cardiac radiology (ESCR – two trainees), head and neck radiology (ESHNR – four trainees), musculoskeletal radiology (ESSR – two trainees), neuroradiology (ESNR – five trainees), paediatric radiology (ESPR – four trainees) and thoracic radiology (ESTI – two trainees). In total 125 young radiologists applied for the various topics. Additionally, the Memorial Sloan-Kettering Cancer Center (MSKCC) in New York supported one fellow by offering a six-month training programme on breast imaging.

ONE-YEAR FELLOWSHIPS

In 2016, ESOR continued to organise the full one-year fellowships. This programme allowed six recently board-certified radiologists to undertake a twelve-month training at some of the most renowned European training centres.

To that end, a special word of thanks is due to the highly esteemed academic training centres and tutors, who enabled more than 2500 trainees to apply for these programmes over the last ten years.

VISITING SCHOLARSHIP PROGRAMMES

My experience



Daniel Andrade

Centro Hospitalar e Universitário de Coimbra/Portugal

Topic: Abdominal Radiology

Training Centre: Cambridge University Hospitals NHS Trust - Addenbrooke's Hospital, Cambridge/United Kingdom

I was very fortunate to spend three months at Addenbrooke's Hospital in Cambridge, UK. During this period, I was able to participate in all available activities of the Radiology department, including reporting sessions, teaching lectures for registrars, weekly department meetings and daily multi-disciplinary meetings on different abdominal pathologies. Having world-renowned Prof. David Lomas as a tutor was a great honour. His and the Gastrointestinal team (Dr. Siobhan Whitley, Dr. Sara Upponi and Dr. Edmund Godfrey) devotion to teaching provided me with a very high level of training. I also like to express my gratitude to the team of radiologists of Urogenital imaging (Dr. Susan Freeman, Dr. Helen Addley and Dr. Tristan Barrett), from whom I also learned a lot. I would like to thank the ESOR for the most invaluable experience of my career and encourage all registrars/residents in Europe to take advantage of this opportunity that ESR offers.



Aleksandra Aracki Trenkic

Clinical Center Nis/Serbia

Topic: Neuroradiology

Training Centre: Pitié-Salpêtrière University Hospital, Paris/France

I am very grateful to ESR and ESOR for giving me this unique opportunity to participate in a three-month training in neuroradiology at one of the leading and largest European university centers, Pitié-Salpêtrière in Paris. It was an honour to be a part of an excellent radiology team and learn from well-known experts. I would like to express my deep gratitude to my tutors, the Head of Department Prof. Didier Dormont, and Nadya Pyatigorskaya, PhD, who was very kind to enable me to be engaged in scientific work alongside the professional work, as well as to take part in research projects. Furthermore, I would like to thank all the employees of the radiology department for making me feel welcome and part of their team, and for teaching me and sharing their experience in neuroradiology with me. I was given the opportunity to take part in all daily activities of this complex neurodiagnosical, functional and neurointerventional radiology department, which included academic lectures, teaching sessions, case reports, multidisciplinary meetings, as well as observation of many neurointerventional procedures. I have had a chance to learn how to work with advanced up-to-date diagnostic imaging tools and sequences in areas of neuro- and head and neck radiology. Moreover, this scholarship provided me with an excellent education in all aspects related to stroke: early diagnosis, endovascular treatment and follow-up of patients. The strongest impression from Paris I will take home with me is the willingness and great effort of experienced physicians to provide constant, patient and unselfish education to their younger colleagues. I hope there will be more splendid opportunities in the future, such as a Radiology congress or perhaps another training, since Pitié-Salpêtrière is a place I will keep a wonderful memory of and will certainly get back to.



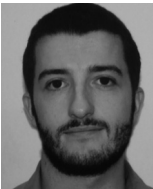
Ulrika Asenbaum

Medical University of Vienna/Austria

Topic: Oncologic Imaging

Training Centre: Memorial Sloan-Kettering Cancer Center, New York/USA

I am sincerely grateful to ESOR for the outstanding opportunity to participate in the Visiting Scholarship Programme at the Memorial Sloan-Kettering Cancer Center in New York. I received a warm welcome from Prof. Hedvig Hricak, Chair of the Department of Radiology, as well as from Dr. Stephen Salomon, Chief of the Interventional Radiology Service, and from their team. These three months at MSKCC were an incredibly inspiring experience. I attended numerous educational and scientific lectures, multidisciplinary clinical conferences, team meetings and observed multiple state-of-the-art and cutting edge therapeutic procedures in interventional oncology. I was invited to participate in several conferences and courses and encouraged to actively contribute to clinical research projects. My time at MSKCC was unbelievable, and definitely too short.



Giuseppe Cicero

G. Martino Hospital, Messina/Italy

Topic: Paediatric Radiology

Training Centre: Medical University of Graz/Austria

I want to thank ESOR for the great chance of attending for three months the Paediatric Radiology Department in Graz, Austria. During this time, I had the opportunity to strongly improve my knowledge and my practical skills getting involved in all the activities of the department. It was a great honour for me having Prof. Sorantin as a tutor and learning from him, due to his long experience, but I also want to thank all the department staff for the kindness in sharing their knowledge with me. I encourage all radiology residents to apply for this experience that was amazing for me from a professional and human point of view.



Ionela Loredana Ciocan

Emergency County Hospital of Cluj Napoca/Romania

Topic: Paediatric Radiology

Training Centre: Inselspital, University Hospital Bern/Switzerland

I am very grateful to ESOR for giving me the opportunity to spend three fruitful months in the Paediatric Radiology Department of Inselspital (University Hospital of Bern, Switzerland). During this 3-month scholarship, as observer, I was involved in all clinical and educational activities of the Paediatric Radiology Department, which included teaching modules, multidisciplinary meetings, reports writing and discussions regarding different daily cases and individually adapted imaging protocols. It was an excellent opportunity to learn from the best and to be integrated in such a great team. The whole Paediatric Radiology staff of Inselspital made me feel very welcome and part of their team. I am especially grateful to Dr. Rainer Wolf, my tutor, who made my staying in Bern an exceptional educational and cultural experience. I also want to thank Dr. Enno Stranzinger, Dr. Ulrike Heise, Dr. Jürgen Gronau and Dr. Theodoros Xydias for their excellent teaching and availability. A special thought is for Professor Johannes Heverhagen (Head of the Department of Diagnostic, Interventional and Paediatric Radiology, Inselspital, Bern) and the ESOR committee, without whom I would not be here today. This scholarship provided me with a great educational and social experience, which I am sure, will make a difference for my professional future.



Mihaela Maria Coman

Emergency County Hospital of Cluj Napoca/Romania
Topic: Emergency Radiology
Training Centre: King's College Hospital, London/United Kingdom

I would like to thank ESOR through which I had the great opportunity to spend three months of training at King's College Hospital in London, UK. During this time I participated in clinical and educational activities regarding not only Emergency Radiology but also Abdominal and MSK Imaging through multidisciplinary meetings, teaching sessions, radiology courses for registrars, case reviewing and discussions. The department also made it possible for me to attend an interactive case-based course on CT imaging in Polytrauma with great lectures and cases. I would like to express my gratitude to my supervisors, Dr. Dylan Lewis and Dr. Lisa Meacock for their warm welcome, support and willingness to share their knowledge even on busy days. The whole department staff was helpful and welcoming. This amazing experience broadened my interest and knowledge in Emergency Radiology, improving my interpretation and reporting skills and giving me a greater confidence in future medical practice.



Marcin Czarniecki

Mazowiecki Szpital Brodnowski, Warsaw/Poland
Topic: Urogenital Radiology
Training Centre: Cambridge University Hospitals NHS Trust - Addenbrooke's Hospital, Cambridge/United Kingdom

Firstly, I would like to thank ESOR for giving me this exceptional opportunity, which has enriched me as a radiologist as well as a person. The mentorship and time devoted by Dr. Tristan Barrett and countless helpful consultants and registrars has been inspiring. During my visit, I was able to participate in ongoing research projects and meetings, sit in for reporting sessions, and attend daily teaching seminars. I am confident that the three-month scholarship in Addenbrooke's Hospital has left me asking new questions, and encouraged me to look for areas of improvement, not only for myself but also for the work environment in the hospital in my home country.



Rok Dežman

University Medical Centre Ljubljana/Slovenia
Topic: Abdominal Radiology
Training Centre: King's College Hospital, London/United Kingdom

I would like to thank the ESOR for having provided me with training in abdominal radiology at King's College Hospital in London. The centre is one of the most specialised centres for liver diseases in the world. I spent my three-month long scholarship in abdominal imaging focused on liver and hepatobiliary radiology. I have been involved in all activities of the department: diagnostic imaging, interventional procedures and attending the multidisciplinary meetings and educational lectures. I would like to thank my tutor Dr. Pauline Kane who had made such arrangements that I felt welcome from the first moment. I would also like to thank to the rest of the hepatobiliary team, Prof. Karani, Dr. Lewis, Dr. Peddu and Dr. Gregory. They are all a treasury of knowledge regarding liver imaging and interventional procedures and they were entirely unselfishly sharing this knowledge with me. Knowledge and skills gained during such subspecialised training are invaluable; therefore, I strongly encourage other residents to take the opportunities offered by the ESOR.



Orla Drumm

St James's Hospital, Dublin/Ireland
Topic: Musculoskeletal Radiology
Training Centre: King's College Hospital, London/United Kingdom

Many thanks to the ESOR for providing me with the opportunity to complete a scholarship in Musculoskeletal Radiology at King's College Hospital, London. I am lucky enough to be working under the supervision of Dr. David Elias. The department is very busy with Ultrasound Injection clinics running both morning and afternoon most days. When I am not at the Ultrasound clinic, I spend my time reporting Musculoskeletal MRI primarily with some CT studies also included. The placement has allowed me to improve my ultrasound skills and MRI interpretation while also allowing me to observe many ultrasound-guided injections. We see a wide variety of pathology at King's including acute sporting injuries, chronic injuries and complications from diabetes, rheumatoid arthritis, etc. that further enhances the experience. I am looking forward to my remaining time at King's and hope to return home to Dublin with a much improved knowledge of musculoskeletal imaging.



Milica Đurđić

Clinical Center of Serbia, Belgrade/Serbia
Topic: Cardiac Imaging
Training Centre: Harefield Hospital, London/United Kingdom

I would like to use this opportunity to sincerely thank the people behind the ESOR Visiting Scholarship Programme, the staff of the Harefield Hospital, and especially the team of Dr. Paras Dalal and Dr. Joyce Wong for enabling me to spend valuable time in London, observing and learning about different aspects of Cardiac Imaging. During the three-month training period at Harefield Hospital in London, under the supervision of Dr. Paras Dalal, I was involved in a wide spectrum of activities within the Radiology Department - from case reporting and Radiofrequency Ablation (RFA) of lung tumours, to attending multidisciplinary meetings and various lectures on relevant topics. In addition, with huge support from Dr. Joyce Wong, I participated in two research projects, which was extremely helpful as integral part of this training programme. Cardiac MRI is quite a narrow field, which I am focusing on at my work in the MRI Department of the Clinical Center of Serbia. It is a field which not many radiologists focus on in Serbia or in the region, and this experience will, without a doubt, prove very helpful in expanding this practice and knowledge in Serbia and surrounding countries. During the three-month programme, I also had an opportunity to visit and spend time at the MRI department of St. Mary's and Hammersmith Hospital and to observe and get in touch with their CMR protocols for scanning and reporting. All of this helped me receive a well-rounded experience made of fantastic theory and invaluable practice, which I am sure, will be of immense help for my future work and career.



Francesca Fanti

AOUP - Spedali Riuniti Santa Chiara, Pisa/Italy
Topic: Paediatric Radiology
Training Centre: Cambridge University Hospitals NHS Trust - Addenbrooke's Hospital, Cambridge/United Kingdom

I am really grateful to ESOR for the wonderful experience I had in these three months in the beautiful Cambridge, training in Addenbrooke's Hospital. Thanks to Dr. Set and her colleagues, Dr. Hughes and Dr. Gomez, I was able to learn a lot about Paediatric Radiology, and I improved in other field of Radiology as well; in particular, I am thankful to Dr. Cross for his patience in teaching me some Neuroradiology. Cases, teaching, meetings, seminars and lectures were all really interesting, the clinical activity very engaging and the dedication of this amazing people is touching and so inspiring! It has been an honour to do this scholarship, and I will go back from England to Italy very enriched and more committed than before to become a Paediatric Radiologist.



Marco Gatti

A.O.U. Città della Salute e della Scienza di Torino, Turin/Italy
Topic: Cardiac Imaging
Training Centre: King's College Hospital, London/United Kingdom

Thanks to the ESOR Visiting Scholarship Programme, I had the opportunity to spend three months in the Imaging Department at King's College Hospital, London, United Kingdom. It has been a great opportunity to improve my knowledge both in cardiac and in thoracic imaging in a highly esteemed training centre. The training was based on sessions of case reporting (X-ray, CT and MR) but also on interesting multidisciplinary meetings and teaching sessions many times a week. During this time, I improved my knowledge and my practice in all the clinical skills and I enjoyed seeing another point of view at work. I would like to thank Dr. Desai for his warm welcome and for teaching and sharing his experience and enthusiasm in radiology with me, but also Dr. Tran and Dr. Sado for their invested time and experience to teach me. I would strongly recommend to all radiology residents to take the chance to apply for this unforgettable experience.



Pavel Gelezhe

European Medical Center, Moscow/Russia
Topic: Nuclear Medicine
Training Centre: Case Western Reserve University, Cleveland/USA

I am grateful to ESOR for the breath-taking experience of spending three months at one of the world best University Hospitals Case Medical Center in Cleveland, OH (USA). I was given the marvellous opportunity to take part in the routine practice of the nuclear medicine department with the special focus in PET/CT and PET/MRI. In addition, I was exposed in almost all other activities of the radiology department, included Grand Round lectures, daily clinical meetings and tumour boards. Dr. Faulhaber, Dr. Jones, Dr. Avril, Dr. Mehta are amazing mentors. I would also like to express special appreciation to the Chairman of the Radiology Department, Prof. Pablo Ros for sharing knowledge with me. These three months brought me the most exciting experience in my professional career. I would strongly recommend this scholarship to other residents.



Priya Ghosh

Tata Medical Centre, Calcutta/India
Topic: Oncologic Imaging
Training Centre: European Institute of Oncology, Milan/Italy

I am grateful to the ESOR for providing me the incredible opportunity to learn Oncologic Imaging at the European Institute of Oncology, Milan. I have been training as a fellow at a cancer hospital for the last two years, and this scholarship has helped me to expand my horizons and learn from pioneers. The radiology department at IEO is very supportive and always eager to teach through hands-on experience. I especially thank Prof. Massimo Bellomi and Dr. Giuseppe Petralia, who have been mentors to me throughout my training period. I have been involved in the daily reporting and multi-disciplinary team meetings, through which I could learn structured reporting, follow international guidelines and also learn to apply my clinical radiology knowledge to help patient management. I especially focused on prostate MRI and whole body MRI, and apart from the huge daily workload, I could also learn a lot by browsing through the department database. I was also involved in the ongoing research projects, and could contribute to them. Overall, this has been an unforgettable experience for me.



Laura Ludovica Gramegna

Policlinico Sant'Orsola-Malpighi, Bologna/Italy

Topic: Neuroradiology

Training Centre: Hospital Universitari Vall d'Hebron, Barcelona/Spain

I am very grateful to the ESOR Committee for awarding me with a unique three-month scholarship opportunity at the "Servei de Radiologia Hospital Universitari Vall d'Hebron". In the Neuroradiology Department headed by Dr. Rovira, I was able to report brain MRI scans and to review the most important literature on the topics. I was completely integrated into the Hospital clinical activity and I attended regular weekly multidisciplinary meetings and educational seminars. The environment was incredibly inspiring. I would also like to express my gratitude to Dr. Rovira for his teachings and to all the members of his team for sharing with me their expertise and enthusiasm. No doubt, this excellent educational experience will indelibly contribute to my future academic and clinical career.



Ilya Leonidovich Gubskiy

Russian National Research Medical University (RNRMU), Moscow/Russia

Topic: Neuroradiology

Training Centre: Medical Center - University of Freiburg/Germany

I am very grateful to ESOR for the opportunity to undergo three-month training in neuroradiology in one of the leading European university clinics. During the training, I have learned a lot of new information and gained several new skills, and this helped me to change some of my views on our profession. I am confident that the knowledge acquired will help me in my practice. It should be mentioned that it was not only an opportunity to study radiology, but also a possibility to carry out a small research work and learn something new from medical physicists leading frontier research in radiology. I would like to express my gratitude to Professor Horst Urbach, Iris López, the whole neuroradiology department team and all medical physicists with whom I conversed. I hope that with the more active development of the Russian Society of Radiology and wide promotion of the European Society of Radiology in Russia, the number of Russian radiologists in ECR, ESOR and other education activities will grow steadily.



Mer Mahmood Shah Hoshang

French Medical Institute For Children, Kabul/Afghanistan

Topic: Abdominal Radiology

Training Centre: Federal Center of Medicine and Rehabilitation, Moscow/Russia

I am very grateful to the ESR/ESOR for awarding me the ESOR Visiting Scholarship in Modern abdominal Imaging at the Federal Center of Medicine and Rehabilitation, Moscow/Russian Federation. It has been an extremely rewarding educational opportunity, and the three months of training in this prestigious hospital have been definitely an invaluable experience. I could actively participate in weekly multidisciplinary meetings, reporting cases and teaching sessions and I was welcomed to get involved in daily practice. I would like to express my gratitude especially to my tutor Prof. Valentin Sinitsyn for his constant support. I also want to thank all the department staff for being so helpful and kind. It was inspiring to work with people who enjoy their work and are willing to share their knowledge even on very busy days.



Andreas Hötker

University Medical Center Mainz/Germany

Topic: Oncologic Imaging

Training Center: Memorial Sloan-Kettering Cancer Center, New York/USA

I am very grateful to ESOR for allowing me to spend six months at Memorial Sloan-Kettering Cancer Center in New York City as part of the ESOR Visiting Scholarship Programme. It was an amazing experience to learn from distinguished experts in the field of urogenital imaging. In particular, I would like to mention Dr. Hedvig Hricak, Chair of the Department of Radiology at Memorial Sloan-Kettering, and Dr. Oguz Akin, Director of Body MRI, who not only provided a very welcoming and positive atmosphere, but were also willing to share their deep knowledge of the intricacies of prostate and renal MRI with me. Besides being able to observe daily clinical routine, I also took part in the disease management team meetings for a variety of cancers and could pursue research projects on the topic of urogenital imaging with exceptional help and mentoring. I can only encourage all other trainees and residents to apply for this unique opportunity.



Justyna Paulina Jablonska

Policlinico of Bari University Hospital, Bari/Italy

Topic: Abdominal Imaging

Training Centre: Case Western Reserve University, Cleveland/USA

The ESOR Visiting Scholarship at the Department of Radiology at Case Western Reserve University in Cleveland, USA was a very unique experience and an exceptional opportunity for me to expand my knowledge in Abdominal Radiology. I attended numerous multidisciplinary meetings and educational lectures. I learned markedly from a large number of studies reviewed on a daily basis. Furthermore, the ESOR Scholarship Programme allowed me to improve my skills in a variety of different modalities, next generation CT, MRI, Ultrasound, and to explore advanced imaging technologies in PET-CT and PET-MRI. I am particularly grateful for this unique opportunity to the European School of Radiology and Professor Dr. Nicholas Gourtsoyiannis. I would like to thank Professor Dr. Pablo R. Ros, Professor Dr. Raj Paspulati, Professor Dr. Dean Nakamoto, Professor Dr. Mark R. Robbin, Dr. Peter C. Young and Dr. Christos Kosmas for not only giving me the opportunity to work at their department, but also being great mentors, for sharing their unique knowledge with me, for their helpful discussions and invaluable suggestions.



Kester Ozuem Maduadi

University of Ilorin Teaching Hospital, Ilorin/Nigeria

Topic: Oncologic Imaging

Training Centre: Jena University Hospital, Jena/Germany

I am very grateful to ESOR/ESR for this golden opportunity given me to undertake a 3-month training in oncologic imaging at the Jena University Hospital, Jena/Germany. It is indeed a big step towards fulfilling my career goals. Having to learn with the state of the art machines, reviewing several cases per day has exposed me to a variety of cases and to modern staging and follow-up strategies for many malignancies. Also, attending several tumour board meetings every week have afforded me a first-hand experience of the significance of interdisciplinary cancer management. I have also observed several oncological interventional procedures and I am loving my career path even more. I am very grateful to my tutor, Dr. Franiel Tobias for the research exposure. I wish to also thank the director of the institute, Prof. Ulf Teichgräber for all his support and for letting me have a rotation in the Nuclear Medicine department, thereby exposing me to the principles of hybrid imaging. Finally, I am grateful to all the other specialists, residents and staff of the two departments (especially Mrs. Graziani, Laura) of the IDIR who made sure that my stay at the hospital was indeed a very fruitful one.



Kiriaki Marmaridou

Tzaneio General Hospital of Piraeus/Greece

Topic: Paediatric Radiology

Training Centre: Royal Hospital for Children, Glasgow/United Kingdom

I feel immensely privileged to be one of the recipients of the ESOR Visiting Scholarship 2016. I am in the mid-point of my training in the Radiology department of The Royal Hospital for Children, Glasgow, United Kingdom, which commenced on 29th of September. Attending the unit daily, I participate in a structured training programme, which includes weekly multidisciplinary meetings, one-to-one case-based discussions and active involvement in examinations. I am exposed to a wide range of modalities and techniques, both diagnostic and interventional, in all aspects of Paediatric imaging. Great emphasis is given on oncological and neurological imaging and I also have the opportunity to study sub-specialities including Cardiac and Fetal. Observing at Scotland's largest Paediatric Hospital allows me to expand my knowledge in child-centred care and imaging as well as in radiation protection management strategies. I strongly believe that this scholarship is enhancing my skills and understanding of Paediatric Radiology. Furthermore, it confirms my interest in pursuing this as my sub-specialisation. At this point, I would like to express my profound gratitude to the Board of the European School of Radiology for making this scholarship possible. I feel indebted to my tutor Dr. Andrew Watt and the rest of the radiology team, especially Dr. Ruth Allen, Dr. Sandra Butler and Dr. Thomas Savage, for sharing their experience and enthusiasm as well as creating a welcoming environment. Last but not least, a special thanks to Dr. Marina Papadaki who has been an inspiring and encouraging tutor. I would highly recommend this unique experience to all radiology residents.



Gianluca Milanese

Azienda Ospedaliero-Universitaria di Parma/Italy

Topic: Chest Radiology

Training Centre: Maastricht University Medical Center, Maastricht/The Netherlands

I would like to thank the ESOR for the opportunity to spend three months at the Maastricht University Medical Center in The Netherlands to improve my knowledge of chest imaging. From the very first day I felt part of the Department under the guidance of my Tutor Dr. Marco Das. I could participate in the evaluation of all the procedures that were performed and take part in multidisciplinary meetings, the latter being helpful to underline the importance of a patient-centred clinical activity. I got involved in some really interesting research projects - along with the skilled Research Fellows of the Department - which fostered my interest in different topics, ranging from the importance of individualised imaging protocols to the usefulness of computer software for the clinical practice. My daily schedule was supported by numerous lessons and presentations of difficult clinical cases. This scholarship was an incredible opportunity that I deeply recommend and I will make treasure of everything I have learned from the Radiologists of the Maastricht University Medical Center.



Rebeca Mirón Mombiela

Hospital General Universitario de Valencia/Spain

Topic: Emergency Radiology

Training Centre: Odense University Hospital, Odense/Denmark

I loved this rotation and this experience in many ways. First, I felt welcome and accepted by everyone from the department, which makes coming to the training centre a joy. My tutor was very dedicated to my education and learning, making sure I not only got to know the techniques, the protocols, the common pathologies seen in the emergency trauma setting, but also made sure that I developed my radiology skills through case-based scenarios and also that I understood how the interaction and involvement with clinicians help us and the patients. Finally, the way this emergency department/trauma centre was conceived and developed, has taught me a lot about how planning and organisation are a key component of a radiology department. It allows the workflow to get better and permits to become efficient and effective at one's work but it also helps building a good working environment where people work as a team including the nurses, radiographers, and everyone involved with patient care.



Cyprian Olchowy

Wrocław University Hospital, Wrocław/Poland

Topic: Musculoskeletal Radiology

Training Centre: Hospital Universitari Vall d'Hebron, Barcelona/Spain

I would like to express my gratitude to ESOR for awarding me with this three-month scholarship in MSK imaging. During that time I was provided with extremely well structured, comprehensive training. The great part of it was reviewing and interpreting images followed by case-by-case hands-on teaching. The training program was complete and included all modalities, but MRI was the main focus. With great support of my tutors, I was able to master my skills in MSK ultrasound examination techniques as well as get familiar with ultrasound-guided interventions. Let me also thank Dr. Rosa Dominguez Oronoz, Dr. Antonio Rivas and Dr. Matías de Albert de Delás-Vigo for their warm welcome, kindness and the willingness to share their knowledge. These personal and professional experiences will without any doubt influence my future career.



Pedro Pegado

Centro Hospital de Lisboa Central, Lisbon/Portugal

Topic: Musculoskeletal Radiology

Training Centre: Heidelberg University Hospital, Heidelberg/Germany

I would like to express my sincere gratitude to ESOR for awarding me the MSK Scholarship in Heidelberg University Hospital, it means a lot to residents like myself that you believe in our efforts to reach our higher educational goals. I am also very grateful to the whole team of Professor Marc-André Weber including consultant doctors, residents, and technicians for their warm reception, kind advice and constant support. A special thanks to Dr. Rehnitz, Dr. Spira and Dr. Marianne Winterstein for their outstanding expertise and for their effort correcting and discussing the cases on the daily basis. During this period, I was able to observe and participate in all areas of MSK radiology including interventional procedures. I had the opportunity to attend multidisciplinary meetings, daily educational seminars and to conduct a small project of research in the MSK tumour field. Finally, this unique experience makes me believe that as long as there are Departments and persons like Professor Weber's team working and developing MSK radiology, the future of this discipline is successfully assured.



Marcello Petrini

Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan/Italy

Topic: Cardiac Imaging

Training Centre: Medical University of Vienna/Austria

I would like to thank ESOR and ESR for the three-month Visiting Scholarship at the Department of Bioluminescence and Image-Guided Therapy of Wien General Hospital, directed by Prof. C. Herold. My tutor, Prof. Christian Loewe, head of the Division of Cardiovascular and Interventional Radiology, warmly welcomed me and showed me a lot of interesting and challenging cases. I am also very grateful to Dr. Bietzke for introducing me to new techniques such as cardiac PET-MRI. I was fully involved in all the daily department activities and I especially appreciated the meetings with cardiac surgeons, presenting clinical cases, which required a multidisciplinary approach. A special thanks to Dr. Alexander Sachs and all other residents, also for teaching me the German language. Auf Wiedersehen.



Antonio Raucci

Azienda Universitaria Policlinico, Naples/Italy

Topic: Emergency Radiology

Training Centre: Barts and The London NHS Trust - St. Bartholomew's Hospital, London/
United Kingdom

I was fortunate to be awarded with the ESOR Visiting Scholarship Programme in Emergency Imaging at The Royal London Hospital (Barts Health NHS Trust) in London. On my arrival, I was warmly welcomed by my tutor Dr. Susan Cross who introduced me to the staff and showed me around the impressive facilities of the department. Thanks to all the staff, I had the opportunity to deepen my knowledge in diagnostic workup of medical and traumatic emergencies and even the opportunity to follow daily routine practices, attend multidisciplinary meetings and seminars. Moreover, I benefited greatly from discussing interesting cases with my tutor and with other radiologists. My sincere gratitude to ESR/ESOR for this amazing opportunity, which allowed me to have a new mental outlook and a better approach to the various clinical settings.



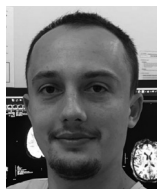
Georg Johannes Riegler

Medical University of Vienna/Austria

Topic: Musculoskeletal Radiology

Training Centre: Barts and The London NHS Trust - St. Bartholomew's Hospital, London/
United Kingdom

The ESOR Visiting Scholarship Programme gave me the unique opportunity to spend a three-month training period in the musculoskeletal section of the Department of Radiology at the Barts NHS Trust in London, UK. I had the pleasure to work with three amazing colleagues, Dr. Rosy Jalan, Dr. Susan Cross, and my supervisor Dr. Muaaze Ahmad, who organized an extraordinarily interesting and diverse schedule during the whole three-month period. The level of excellence that I found here, with a special emphasis on education and tutoring, is truly remarkable. I was actively involved from the very start, and could clearly intensify my knowledge in multimodality reporting and radiologically guided interventions in disorders of the musculoskeletal system. For all the people who are considering applying for this programme, I offer my assurance that the training will surely fulfil all their expectations. Special thanks to my wife (Simone Riegler) for being the best always.



Tomasz Roman

Samodzielny Publiczny Szpital Kliniczny Nr 4, Lublin/Poland

Topic: Neuroradiology

Training Centre: Hôpital Purpan - Centre Hospitalier Universitaire (CHU)
de Toulouse/France

The ESOR Visiting Scholarship Programme gave me the opportunity to spend three months at University Hospital Purpan in Toulouse, in the Department of Neuroradiology. Upon my arrival, I was warmly welcomed and accepted by the colleagues and staff members. I was included in all the department activities, including multidisciplinary meetings, educational lectures, occasional training workshops, and case-by-case discussions of interventional strategies and application of endovascular devices. During this time, I improved my knowledge and practice in all the clinical skills and I enjoyed seeing another point of view at work. I would like to thank the ESOR and Prof. Cognard and his team for making this amazing experience possible.



Sigutė Šenbergė

Vilnius University Hospital Santariskiu Klinikos, Vilnius/Lithuania

Topic: Abdominal Radiology

Training Centre: Skåne University Hospital, Malmö/Sweden

These 3 months were a great opportunity to expand and improve my knowledge in abdominal radiology both academically and clinically. During that time, I attended different rounds, high level weekly multidisciplinary meetings and precise preparation for them which included studying all the cases as well as previous examinations of the patients. Moreover, I attended residents' teaching sessions, various lectures, not only in abdominal imaging but also in other areas. My tutor Dr. Peter Leader and other great radiologists gave me invaluable private lectures on various abdominal imaging topics. Also, I studied individually using case review workstations so I could analyse a huge number of different cases. In addition, this scholarship gave me valuable insights into the Swedish culture and language. I would like to take the opportunity to thank Dr. Peter Leander, Prof. Olle Ekberg, Georgios Stathis and all other radiologists and residents, especially Li Sturesdotter for their hospitality and assistance they have provided during my stay in Malmo. I highly encourage residents to apply for ESOR Visiting Scholarship Programmes. It was an inspiring experience for me which certainly will make an impact in my professional career and profoundly influence my future life. Tack så mycket!



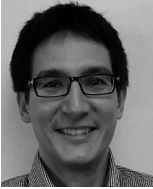
Abolfazl Shiravikhoosani

Imam Khomeini Hospital, Tehran/Iran

Topic: Oncologic Imaging

Training Centre: Inselspital, University Hospital Bern/Switzerland

I am very grateful to ESOR for giving me the opportunity for a three-month scholarship in oncologic imaging. The department of Diagnostic, Interventional and Paediatric Radiology at Inselspital is a highly recommended academic and specialised centre. During this time, I have been able to review a huge variety of different cases with a special focus on oncologic imaging, and also I have been able to participate in all available activities of the department, including daily teaching sessions for residents and weekly multidisciplinary teaching sessions and several variable tumour boards. Additionally I have been enabled to spend a part of my training in the Cancer Research Center department. I would like to express my gratitude to the head of department, Prof. Johannes T. Heverhagen for welcoming me in his department. I would like to express profound gratitude to my devoted and inspiring mentors and excellent friends Prof. H. von Tengg-Kobligk, Prof F. Dammann and my dear fellow national Dr. K. Daneshvar for sharing their enthusiasm and professional knowledge with me. I will strongly encourage other residents to take advantage of ESOR scholarship opportunity.



Nejc Snedec

General Hospital Celje/Slovenia

Topic: Neuroradiology

Training Centre: CHU de Nancy - Hôpital Central, Nancy/France

I am sincerely grateful to ESOR for the unique opportunity to expand my knowledge of neuroradiology during the three-month Visiting Scholarship Programme in Nancy University Hospital. I had left for Nancy with high expectations, which were later on exceeded in all aspects. I was able to observe both interventional procedures and diagnostic imaging. This allowed me to see a vast spectrum of cases. I also attended interdisciplinary and radiology meetings and classes. I would like to thank all doctors of the Neuroradiology department who participated in my education daily and shared their knowledge altruistically. I am positive that this remarkable experience will deeply influence my future work and career. I strongly encourage other trainees to participate in this remarkable programme.



Žiga Snoj

University Medical Centre Ljubljana/Slovenia

Topic: Musculoskeletal Radiology

Training Centre: Medical University of Vienna/Austria

I am very grateful to ESOR for giving me the opportunity for participating in a three-month scholarship at the MSK department in the renowned AKH Vienna. The rotation met and surpassed my expectations. My mentor as well as other department colleagues warmly welcomed me. I engaged in imaging reporting as well as invasive procedures done at the department. Furthermore, I was integrated as a full team member and participated at different clinical conferences. My mentor was even kind enough to integrate me in the educational and academic work through which I could get a real insight into the functioning of the Medical University of Vienna as well as his research focus. The whole Department of Biomedical Imaging and Image-guided Therapy is well organised with everyday morning lectures dedicated to an ongoing resident education. I would like to thank my tutor Prof. Dr. Franz Kainberger for his dedication in broadening my radiology horizons with profound discussions. Furthermore, I would like to acknowledge Prof. Dr. Gerd Bodner for introducing me to the utmost interesting field of peripheral nerve diagnostics and related invasive procedures.



Sophia Stöcklein

LMU Klinikum der Universität München, Munich/Germany

Topic: Neuroradiology

Training Centre: Medical University of Vienna/Austria

I started my ESOR scholarship in neuroradiology under the supervision of Prof. Daniela Prayer at the division of Neuroradiology and Musculoskeletal Radiology at the Department of Biomedical Imaging and Image-guided Therapy, Medical University of Vienna, in January 2017. Apart from taking part in routine clinical reporting of adult neurological and neurosurgical patients, a special focus has been placed on paediatric neuroradiology and fetal MRI. Specifically, I could gain insight into technical details and developments of fetal MR image acquisition at different gestational ages, and attain deeper knowledge of placental imaging.



Stephanie Vanden Bossche

Ghent University Hospital, Ghent/Belgium

Topic: Head and Neck Radiology

Training Centre: Pitié-Salpêtrière University Hospital, Paris/France

I am grateful to ESOR for having offered me this scholarship. The integration of hands-on training opportunities, participation in research projects, attendance of daily courses and multidisciplinary meetings allowed these three months to be a unique learning experience that will surely influence my further career. Not only the extensive educational opportunities, but also the incredibly rich variety in pathology encountered in the Pitié-Salpêtrière Hospital make this a great centre for a foreign scholarship, which I would strongly recommend to other radiology residents. And let's not forget of course that Paris is a wonderful city to spend three months. My sincere gratitude goes out to Prof. Dormont and his team for their kindness and willingness to share their knowledge with me.



Mayur Kundan Virarkar

Sir HN Reliance Foundation Hospital, Mumbai/India

Topic: Abdominal Radiology

Training Centre: Städt. Klinikum Karlsruhe/Germany

I would like to express my gratitude to ESOR/ESR for providing me a unique opportunity to build my knowledge and skills in abdominal imaging. As a part of the ESOR Visiting Scholarship, I underwent a training in the Diagnostic Imaging Department, Karlsruhe/Germany, under the supervision of my Tutor Prof. Dr. P. Reimer, Director of Department. I would like to thank him for his supervision, constant support and sharing his experiences. Dr. Reimer also involved me in research projects and were successful in publishing an EPOS for ECR and submitting a research article. During this training period, I participated in activities of the Department like morning sessions, educational lectures, case reporting and attending multidisciplinary meetings. I would also like to thank all Department - my colleagues, technicians and PACS team, who helped me all the way. I also would like to thank Dr. F. Barakat, Dr. D. Wollschläger and Dr. Sebastian Arnold for guiding me. This experience will surely have an influence to my future career. The ESOR scholarship has been an amazing experience and I recommend it to all residents. Thank you.



Paraskevi Vlachou

Konstantopoulion Hospital, Athens/Greece

Topic: Breast Imaging

Training Center: Policlinico Universitario 'Agostino Gemelli', Rome/Italy

The ESOR Visiting Scholarship Programme gave me a great opportunity to spend three months at the Policlinico A. Gemelli in Rome, in Breast Imaging. From the very beginning, I was really excited to be able to improve my knowledge and experience in a highly qualified department in another country. Thanks to my tutor Prof. Paolo Belli, and all the staff, I was warmly welcomed and allowed to participate in routine practices in all aspects of breast imaging including clinical approach, screening tests, diagnostic and interventional procedures and educational meetings and lessons. I really feel that this unique opportunity has influenced not only my work and career, but also my life. I would definitely recommend this experience to all young doctors.



Hing Ngai Wong

Queen Elizabeth Hospital, Hong Kong/China

Topic: Head and Neck Imaging

Training Centre: University Hospital Birmingham - Queen Elizabeth, Medical Centre, Birmingham/United Kingdom

I am very grateful to ESOR and Jo Li Trust for the opportunity of learning Head and Neck imaging in one of the largest referral centres in the UK. During my stay, I have attended weekly multidisciplinary meetings and academic sessions, discussed image findings in USG, CT, MRI, fluoroscopy and interventional radiology with my tutors. This programme has given me wide range of exposure to a variety of head and neck cases and chance to communicate with UK radiologists, which further broadened my horizon in this field. The three-month stay has given me precious experience and impressive benefits. I am especially thankful to my tutor Dr. Steve Colley, also Dr. Laura Viva and Dr. Satheesh Ramalingam for their excellent teaching and sharing of knowledge.

EXCHANGE PROGRAMMES FOR FELLOWSHIPS

My experience

EXCHANGE PROGRAMME FOR ABDOMINAL RADIOLOGY FELLOWSHIP



Adriana Mirela Calin

Emergency County Hospital of Cluj Napoca/Romania

Topic: Abdominal Radiology

Training Centre: Netherlands Cancer Institute - Antoni van Leeuwenhoek, Amsterdam/The Netherlands

I would like to thank ESOR and ESGAR for offering me a 3-month fellowship on abdominal imaging at the Netherlands Cancer Institute in Amsterdam, The Netherlands. It has been a great opportunity of further improving my knowledge in abdominal and oncologic imaging and my research skills in a highly academic environment with an excellently trained radiology team. I had the chance to meet Prof. Regina Beets-Tan and to work with her department, mostly with my tutor Dr. Max Lahaye but also with Dr. Stijn Heijmink, focusing on abdominal imaging, and I also had the opportunity to do research and integrate in a professional but also outgoing research group. Mostly, I discussed routine clinical cases with the tutors, but I also participated in multidisciplinary meetings concerning abdominal pathology and contributed to a research project on lung cancer. This fellowship was also a great opportunity to discover The Netherlands and Amsterdam, both very beautiful and special and to establish many connections with colleagues from this country and not only. The ESOR/ESGAR fellowship offered me an excellent educational and social experience, which will definitely contribute to my future career as an abdominal and oncology radiologist.



Teresa González de la Huebra Labrador

Hospital General de Segovia/Spain

Topic: Abdominal Radiology

Training Centre: Guy's and St Thomas' NHS Foundation Trust, London/United Kingdom

I am currently doing a three-month training in abdominal radiology at Guy's and St Thomas' NHS Foundation Trust, in London, United Kingdom. Thanks to the ESOR/ESGAR Exchange Programme for Fellowships, I am enjoying this wonderful opportunity to learn from an outstanding team and to improve my knowledge in abdominal imaging with a special focus on MRI. I am involved in all the activities of the department including case reporting and attending almost daily multi-disciplinary meetings. I would like to thank my tutor Dr. Nyree Griffin for teaching me always with a positive attitude, and for taking care of me in order to make the most of my fellowship. I also feel grateful to Prof. Dr. Vicky Goh and to Dr. Sofia Gourtsoyianni, as well as the residents and the rest of the abdominal radiology team. This experience is now coming to its end, but I already feel that it has been one of the most inspiring periods in my professional career and even in my personal life. Thank you!



Lovro Kavur

Clinical Hospital Merkur, Zagreb/Croatia
Topic: Abdominal Radiology
Training Centre: Medical University of Vienna/Austria

The ESOR/ESGAR Fellowship at the Department of Radiology of the General Hospital of the Medical University of Vienna was truly a fantastic experience. During my fellowship, I was able to work on a large number of complex cases with a special focus on abdominal and pelvic imaging. Challenging cases reminded me why I love radiology so much, every day here was intriguing. I have attended different multidisciplinary tumour board meetings and various lectures. I enjoyed discussions I had with professors, specialists and residents on multitude of topics regarding abdominal imaging. This experience significantly improved my knowledge, especially in the latest hot topics of abdominal radiology. I would like to thank Chairman of the Radiology Department, Prof. Christian Herold, for welcoming me at his Department. Special thanks to my mentor, Prof. Ba-Ssalamah. In addition to showing me a multitude of interesting cases, he devoted his time to discuss with me all the questions I had. His vast experience in abdominal radiology is something I will strive for to achieve. I would also like to take the opportunity to thank Prof. Helmut Ringl, Prof. Helmut Prosch, Prof. Thomas Mang, Prof. Paul Apfaltrer, Dr. Henrik Einspieler and all other radiologists, and residents for their hospitality and assistance they have provided during my stay in Vienna. I am very thankful to ESOR and ESGAR for giving me this opportunity to study at one of the best medical centres in the world. I highly recommend this training programme to any new radiology specialist.



Ramin Pourghorban

Imam Khomeini University Hospital, Tehran/Iran
Topic: Abdominal Radiology
Training Centre: Klinikum Darmstadt/Germany

I am immensely appreciative of ESGAR and ESOR for the Exchange Programme Fellowship in abdominal diagnostic and interventional radiology at Klinikum Darmstadt GmbH, Darmstadt, Germany under the supervision of Prof. Peter Huppert. Because of an unexpected delay in getting the visa, I had to start my programme a few days later than the scheduled time. However, after my arrival, the accommodation provided by the Klinikum Darmstadt has been excellent, and I am now experiencing several abdominal as well as peripheral and neuro interventional procedures every day. Regarding my interest in the field of abdominal diagnostic and interventional radiology, and an initial experience in my own country, I am now trying to enrich my knowledge and experience thanks to this amazing programme granted by ESOR and ESGAR. I am especially grateful to Prof. Peter Huppert and Dr. Otto Kotterer for their excellent teaching and enthusiasm, and I would like to extend my appreciation to all the staff at the radiology department who have been very kind and informative to me.



Simon Rauch

Kantonsspital Winterthur, Winterthur/Switzerland
Topic: Abdominal Radiology
Training Centre: Medical University of Vienna/Austria

I am very grateful to ESOR for awarding me a three-month fellowship in abdominal imaging at the radiology department of the General Hospital in Vienna. My ESOR fellowship has just started. So far, I was already able to observe a lot of abdominal MR imaging especially liver imaging with my tutor Prof. Ba-Ssalamah. I am looking forward to the upcoming challenges in this modern University Hospital in Vienna and I enjoy living in the beautiful capital of Austria. Thank you ESOR and my tutor Prof. Ba-Ssalamah for making this experience possible. I also would like to thank all other employees of the radiology department at the AKH for making me feel welcome.



Ulysses Santos Torres

Hospital São Luiz, São Paulo/Brazil

Topic: Abdominal Radiology

Training Centre: University College London - Centre for Medical Imaging,
London/United Kingdom

I am very grateful to ESOR/ESGAR for this opportunity of exchange fellowship in abdominal imaging at the Centre for Medical Imaging of the University College London (UCL), one of the world's top universities. The centre disposes of cutting-edge technology (including modern 3T MRI scanners, PET-MRI, etc.) and is globally recognized for the expertise in luminal imaging, with superb clinical and research developments in the field of CT colonography and small bowel MRI being carried out there right now. I could participate in the routine activities of the department, attending daily reporting sessions on abdominal pathologies in all modalities (from fluoroscopy to MRI) and participating in dozen of multidisciplinary discussion teams (MDTs) in a range of gastrointestinal diseases. I also had the amazing chance of joining ongoing scientific research on CTC. Finally, I could enjoy the unique benefits of being in the most vibrant and culturally rich city in the world. That has been a fruitful and unforgettable experience and I am convinced that it means a substantial step forward in my professional career in radiology. I would like to give special thanks to Dr. Andrew Plumb (my tutor), Prof. Stuart Taylor and Prof. Steve Halligan (Head of Department) for receiving me so kindly and for teaching me a lot, for which I will be always grateful.

**EXCHANGE PROGRAMME FOR
BREAST RADIOLOGY FELLOWSHIP**



Konstantinos Boutsiadis

Alexandria Imathias, Thessaloniki/Greece

Topic: Breast Radiology

Training Centre: University of Milan, IRCCS Policlinico San Donato, Milan/Italy

I would like to thank ESOR/EUSOBI 2016 Exchange Fellowships Programme for the unique opportunity to spend three months of training in breast imaging at IRCCS Policlinico San Donato in Milan. During these three months, I participated in clinical and educational activities of the department, which included a wide range of multimodality diagnostic imaging studies in symptomatic and asymptomatic cases, multidisciplinary meetings, many interventional procedures and interesting teaching lectures. I also had the chance to take part in research programs under the guidance of my Tutor(s) and the staff: Luca Carbonaro, Rubina Manuela Trimboli, and Adrienn Benedek of the Breast Imaging Department. It is a unique experience and opportunity to enhance one's knowledge in breast imaging in a centre like IRCCS Policlinico San Donato. I would like especially to express my gratitude to Prof. Francesco Sardanelli, for the warm welcome and the willingness to share his knowledge. This fellowship provided me with an excellent educational and social experience, which I greatly appreciate.



Pieta Sofia Ipatti

Oulu University Hospital, Oulu/Finland

Topic: Breast Radiology

Training Centre: Cambridge University Hospitals NHS Trust - Addenbrooke's Hospital, Cambridge/United Kingdom

I am very grateful to ESOR for awarding me the three-month fellowship in breast imaging at the Addenbrooke's Hospital in Cambridge, United Kingdom. It has given me a great opportunity to improve my knowledge in breast imaging and to compare practices in my home institution and Addenbrooke's Hospital. During my fellowship, I was able to observe all the areas in breast imaging. I was invited to participate in all daily activities at the clinic and attend multidisciplinary meetings and academic lectures. I was also given an opportunity to be involved in very inspiring research activities. I have truly enjoyed my time in Addenbrooke's Breast Centre and I would like to thank Professor Fiona Gilbert, Dr. Ruchi Sinnatamby, Dr. Penelope Moyle, Matthew Wallis, Dr. Fleur Kilbourn-Toppin and Dr. Helen Taylor who have kindly shared their knowledge and expertise with me. I am also grateful to all the staff at the Addenbrooke's Breast Centre who made me feel welcome from day one. This three-month fellowship has been a wonderful and professionally highly inspiring experience for me.

**EXCHANGE PROGRAMME FOR
BREAST IMAGING FELLOWSHIP (USA)**



Filipe Ramos Barra

IMEB – Imagens Medicas De Brasilia/Brazil

Topic: Breast Imaging

Training Centre: Memorial Sloan-Kettering Cancer Center, New York/USA

During the ESOR fellowship in breast imaging at MSKCC, I was able to improve my knowledge and grow as a radiologist and as a person. Everyone was friendly and welcoming, including the secretaries, assistants, techs, statisticians, data miners, breast fellows and radiologists, making me feel at home. I was invited to join clinical rounds and weekly meetings, as well to do their mammography, tomosynthesis and magnetic resonance training files. I focused my fellowship in research and was part of some exciting projects. Working closely with Dr. Morris and Dr. Sung was a unique experience, allowing me to learn a lot.

**EXCHANGE PROGRAMME FOR
CARDIAC RADIOLOGY FELLOWSHIP**



Esin Gezmis

Baskent University Zubeyde Hanım Practice and Research Center, Izmir/Turkey
Topic: Cardiac Radiology
Training Centre: University Hospital Southampton/United Kingdom

This year I was fortunate to be awarded the ESOR Exchange Programme for Cardiac Radiology Fellowship at University Hospital Southampton. Since I started I have been attending all kinds of (including latest techniques) cardiac MRI scanning with the radiographers, MRI reporting sessions with very experienced consultant radiologists consisting of a variety of cases and high level multidisciplinary meetings. Although it has been only two weeks my knowledge definitely deepened as the department has impressive resources and amazing staff that allow trainees to improve their knowledge, skills and experience. Also, the whole team made me feel very welcome. I am sure that it will be an inspiring experience for me, and I am very grateful to both ESOR and the Southampton Cardiac Radiology team.



Costin Aurelian Minoiu

Coltea Clinical Hospital, Bucharest/Romania
Topic: Cardiac Radiology
Training Centre: Clinic Barcelona/Spain

I am very grateful to ESOR for the wonderful opportunity to study cardiac imaging at the Hospital Clinic in Barcelona. Spending three months as a fellow at this renowned institution certainly was one of the best professional experiences I have ever had. During the three months, I was given the opportunity to attend lectures and tutorials, discuss the most interesting daily cases, participate in radiology staff meetings and multidisciplinary cardio-vascular meetings, but also get involved in scientific projects. I gained even more than I expected, primarily due to the devotion of my tutor Dr. Perea, an outstanding radiologist and excellent educator. I would like to express my gratitude to all the staff of the Cardiac Imaging Team for making me feel at home and their great contribution to the advancement in my education and career. The ESOR experiences have been the highlight of my career to date, amazing educational experiences. Thank you.

**EXCHANGE PROGRAMME FOR
HEAD AND NECK RADIOLOGY**



Ankur Chandra

National University Hospital, Singapore/Singapore
Topic: Head and Neck Radiology
Training Centre: Medical University of Vienna/Austria

I am very grateful for the opportunity given to me to get the ESOR/ESHNR fellowship in head and neck radiology at the department of musculoskeletal and neuroradiology, AKH University Hospital Vienna, Austria, under the supervision of well-known Professor Dr. Christian Czerny. This fellowship has enabled me to learn a multimodal approach (orthopantomography, Cone Beam CT, US, MDCT, MRI, PET) in all types of pathologies and in all head and neck areas. The most important advance for me has been to put into practice my knowledge and to improve my experience in oncologic neck cases (pharynx, larynx, oral cavity) by means of CT and MRI, at diagnosis and at follow-up to recognize recurrences after treatment. I have had the opportunity to assist to staff meetings, scientific lectures and interdisciplinary boards (ENT surgeons, radiotherapists, oncologists, pathologists and radiologists) to discuss the best management in each patient. Besides my tutor Professor Dr. Christian Czerny, I am especially grateful to Professor Dr. Daniela Prayer and Dr. Maria Schmook for their excellent teaching and enthusiasm. I also want to thank the entire team of musculoskeletal and neuroradiology, all residents, particularly Dr. Laura Holzer-Frühwald and Dr. Heinrich Magometschnigg and of course all the secretaries of the radiology department because all have made me feel at home.



Magdalena Dziejcz

Maria Skłodowska-Curie Memorial Cancer Center, Institute of Oncology, Warsaw/Poland
Topic: Head and Neck Radiology
Training Centre: London Northwest Hospitals NHS Trust & Mount Vernon Cancer Centre, London/United Kingdom

I am very grateful to ESOR/ESHNR for awarding me with this unique fellowship in head and neck radiology. I underwent my training at two hospitals in London: Northwick Park Hospital and Central Middlesex Hospital. I had the opportunity to analyse and report, under the supervision of my tutor, a lot of interesting and diverse cases at CT and MRI from all areas of head and neck. I participated also in ultrasound sessions and numerous multidisciplinary meetings. Moreover I was encouraged to take part in research projects. I am very thankful to my tutor Dr. Ravi Lingam who is an enthusiastic teacher and an excellent radiologist and Dr. Samantha de Silva for her outstanding teaching. I would like to thank also all registrars for the warm welcome and Mrs. Fowzun Abdul-Cader for helping with administrative issues. This fellowship met my expectations in every way and I sincerely recommend it for everyone interested in head and neck radiology.



Maria Gkagkanasiou

251 Hellenic Air Force & VA Athens General Hospital, Athens/Greece

Topic: Head and Neck Radiology

Training Centre: Kings Health Partner (encompassing Kings College Hospital and Guy's and Thomas' Hospital), London/United Kingdom

On the 3rd of October, my training experience in Head and Neck radiology began in London. My tutor, Dr. Steve Connor immediately informed me about my weekly programme and soon enough I met all the Head and Neck radiologists of the Trust that would be directly involved in my training. The training includes a variety of activities such as observing reporting CTs and MRIs with a head and neck radiologist, attending the FNA clinics, observing reporting PET CT imaging of head and neck cases, attending the Head and Neck Multi Department Meetings, going through teaching files, undertaking research projects under my tutor's supervision etc. Apart from being one of the most important training experiences, this programme gives me the chance to meet great, high-level radiologists, watch their every-day practice in a busy working environment, and it will definitely have a great impact on the way I think and practice as a radiologist.



Kateryna Musaieva

Clinical Hospital Feofaniya, Kiev/Ukraine

Topic: Head and Neck Radiology

Training Centre: University of Brescia/Italy

It is an honor and a cornerstone career opportunity for me to receive the ESR/ESOR/ESHNR fellowship in Head and Neck Radiology. My training is held at the renowned ENT diagnostic center in Brescia, Italy within the facilities of 'Radiologia 2' Department under Professor Roberto Maroldi's supervision. I follow and take part in the reporting process of all head and neck MRI studies as well as CT and Cone Beam CT studies performed in the Department during the week (that is up to 50 cases per week) together with other local residents; afterwards each report is reviewed and validated by the attending radiologists/tutors Dr. Davide Farina and Dr. Marco Ravanelli; several times per week Prof. Maroldi reviews and gives thorough analysis of challenging cases and/or performs a presentation of his newest lectures; each Wednesday afternoon a multidisciplinary meeting is held together with ENT surgeons, radiation oncologists, oncologists, nuclear physicians, etc. to determine the treatment strategies for the most complicated cases. In this training program an extra-special attention is paid to perfecting your knowledge in most detailed anatomy of the head and neck region as well as to surgical treatment techniques (what a radiologist needs to know) due to close cooperation with ENT surgical department run by Prof. Piero Nikolai. Today I'm not even through the half of the training period but I believe I have already boosted my knowledge in the subject and it will be impossible without the help and care of the best academic and staff members of the department; special acknowledgments to Dr. Lorenzo Ugga and Dr. Antonio Pallottino who patronize my daily routine, provide with all kinds of learning materials and their precious friendship.

**EXCHANGE PROGRAMME FOR
MUSCULOSKELETAL RADIOLOGY FELLOWSHIP**



Roque Oca Pernas

Hospital de Basurto, Bilbao/Spain

Topic: Musculoskeletal Radiology

Training Centre: Leiden University Medical Centre, Leiden/The Netherlands

Thank you very much to the ESOR and the LUMC for this fantastic learning opportunity. I am also very grateful to my tutor Dr. Monique Reijnierse, Dr. Ana Navas, and the rest of the musculoskeletal team for such a warm welcome and for their outstanding willingness to teach and share knowledge. The LUMC is not only one of the biggest academic and clinical hospitals in The Netherlands, but also a state-of-the-art bone and soft-tissue tumour imaging centre, with an astonishing image archive. I am being enrolled in daily clinical work, including hands-on teaching, case reporting, and reading sessions. And I am also attending multidisciplinary meetings, as well as educational lectures and the monthly National Bone Tumour Committee. This is being one of the most open-minded and rewarding experiences of my professional career; and I am sure that it will provide me inspiration and faith for my future professional challenges.



Nicolae Sarbu

Hôpital Erasme, Brussels/Belgium

Topic: Musculoskeletal Radiology

Training Centre: Centre de consultation et d'Imagerie de l'Appareil Locomoteur (CCIAL), Lille/France

I am deeply thankful to ESOR for giving me this huge opportunity to complete my training in MSK radiology in one of the most prestigious European centres. With the mentorship of Prof. Cotten, I participated in the daily activities of the department, which cover all the main clinical and research areas related to the musculoskeletal diseases, I assisted to the weekly courses and interactive seminars, and I had the possibility to review a high number of teaching cases. All these, added to the high level of expertise, the passion and dedication of the team, helped me to integrate very easily. I feel deeply that I have learned many things, which I will implement in my daily practice. This fellowship fulfilled all my expectations. All my special gratitude to Prof. Cotten, to all the MSK staff, and to ESOR for making this really great experience possible. I absolutely recommend this fellowship.

**EXCHANGE PROGRAMME FOR
NEURORADIOLOGY FELLOWSHIP**



Melda Apaydin

Izmir Ataturk Education and Training Hospital, Izmir/Turkey
Topic: Neuroradiology
Training Centre: Aarhus University Hospital, Aarhus/Denmark

I am very thankful to ESR/ESOR and ESNR for this three-month fellowship in neuroradiology at Aarhus University/Denmark. The Department of Neuroradiology has specialised in many diagnostic procedures and treatment procedures which are centred with the close cooperation of the clinical partners. I was included in multidisciplinary conferences, training activities, case discussions and interventional strategies. Apart from medical information about neuroradiology, I have also gained different experiences in terms of the management style and functioning of the department. The case presentations and conferences with other clinics, as well as the dynamic nature of the work schedule and training approaches of assistant/ residents and specialist doctors, were useful for me to observe a different management style. Also, I had the chance to meet with Prof. Leif Østergaard and some of his valuable scientific team members at the Center of Functionally Integrative Neuroscience (CFIN) laboratory, which is carried out in the research department associated with the clinical department. Special thanks to Overleage (Chief Physician) Dr. Sanja Karabegovic who taught and helped me a lot in my Aarhus experience. Also I hereby thank my tutors Overleage Dr. Edith Nielsen and Head consultant Dr. Vibeke Fink-Jensen.



Kristina Davidovic

Clinical Center of Serbia, Belgrade/Serbia
Topic: Neuroradiology
Training Centre: AO Cardarelli Naples/Italy

I had a great opportunity to spend three months at AO Cardarelli in Naples, Italy and I certainly believe that this was the most valuable professional experience I have ever had so far. During my internship Prof. Mario Muto and his team gave their best to dedicate most of their time in order to provide me all the advance knowledge I was willing to accept. Being able to be highly involved in all procedures and examinations, discussing all the interesting cases, reading new discoveries of the daily topics, provided me insights in the most interesting part of neuroradiology. I shall never forget the devotion of my mentor, Prof. Muto, who put all his efforts to supply me with the knowledge that will be valuable for me through my whole professional lifetime. This experience changed my professional path, and after returning to my home institution, my superiors recognised the potential for expanding our interest area. Nonetheless, I want to express my gratitude to ESOR for putting effort in promoting radiology among young radiologist and my hosts for encouraging my career.



Sara Mesa Velez

San Vicente Fundacion, Medellín/Colombia

Topic: Neuroradiology

Training Centre: Clinic Barcelona/Spain

First of all, I would like to thank ESOR and the ESNR for this three-month fellowship in the neuroradiology department in the Hospital Clinic of Barcelona. The neuroradiology group, Dr. Oleaga, Dr. Berenguer, Dr. Bargallo, Dr. Squarcia, Dr. Capurro and Dr. Olondo made me feel at home from the start. They were always helpful, friendly, and available to answer all my questions. The methodology used was very successful because I could do both preliminary reports and also observe how they approached cases, as well as review their previous cases. The team-work they have in the Hospital Clinic is something I would like to take home; everyone in charge of the patient participates in the weekly subspecialty meeting, therefore decisions are taken in a group, and I think this is the most beneficial approach for the patient. This has been an incredible opportunity for personal and intellectual growth and I will always remember it as one of the most important experiences in my life.



Nicholas Skipper

Sheffield Teaching Hospitals, Sheffield/United Kingdom

Topic: Neuroradiology

Training Centre: Istituto Giannina Gaslini - Children's Hospital, Genoa/Italy

This 3-month placement at the Istituto Gaslini provided a fantastic introduction to paediatric neuroimaging. Professor Rossi and his team made me feel welcome from the start and allowed me to get involved with all aspects of the department's work. There were daily reporting sessions with the consultant on duty and I saw a wide range of paediatric, neonatal and foetal pathology along with the application of many advanced MR imaging techniques. I was involved in reporting cases, received case-based teaching and tutorials, and had access to the departmental case museum. I attended multidisciplinary meetings including neuro-oncology, foetal, malformations and genetics. I consider myself lucky to have been awarded the ESOR fellowship and to have been able to spend my 3 months in such an excellent and hard-working department. I have learned a great deal about paediatric neuroimaging and experienced a different way of working which will be invaluable for my future career.



Laurens Topff

University Hospitals Leuven/Belgium

Topic: Neuroradiology

Training Centre: The National Hospital of Neurology and Neurosurgery UCLH Foundation Trust, London/United Kingdom

The ESOR Neuroradiology Fellowship Programme gave me the unique opportunity to be trained at the well-respected National Hospital for Neurology and Neurosurgery in London, UK. During the three-month period, I expanded my knowledge and skills by attending many multidisciplinary meetings, teaching lectures, and reporting sessions with consultants. I was exposed to a large number of interesting and rare cases in all areas of neuroradiology. It was an unforgettable experience, which will contribute substantially to my further career and clinical practice. I would like to thank all the members of the radiology department at NHNN for their kindness and hospitality, the head of the department Prof. Tarek Yousry and especially my mentor Dr. Indran Davagnanam, who shared so much of his knowledge and experience, and tailored the training to my specific interests. It was also very enriching to learn about the health care system in another country and to experience a global city. I am very grateful to the ESOR and ESNR for awarding me this fellowship.

**EXCHANGE PROGRAMME FOR
PAEDIATRIC RADIOLOGY FELLOWSHIP**



Silvia Bernardo

Policlinico Umberto I, Rome/Italy

Topic: Paediatric Radiology

Training Centre: Hôpital d'Enfants Armand-Trousseau, Paris/France

I would like to thank ESOR and ESPR for the opportunity I was recently awarded to work alongside experts in the field of Paediatric Radiology, particularly Dr. Garel and Prof. Ducou Le Pointe. The environment was not only stimulating but was inspiring as well, walking the halls of one of the most important center of Paediatric Radiology in Europe. I was involved in all training sessions and in the department related activities such as X-ray, ultrasound, CT, MRI and interventional procedure. I focused my fellowship on prenatal diagnosis, performed with the conjoint use of US and MRI as complementary techniques. The ESOR/ESPR fellowship has been a rewarding experience, one that I would recommend to every paediatric radiologist.



María Díez Blanco

Hospital Universitario Marqués de Valdecilla, Santander/Spain

Topic: Paediatric Radiology

Training Centre: Hôpital du Kremlin Bicêtre, Le Kremlin-Bicêtre/France

The ESOR/ESPR Exchange Programme for Fellowships gave me the opportunity to spend a unique three-month training period in Paediatric Radiology at Kremlin-Bicêtre Hospital in Paris. I was warmly welcomed by Prof. Dr. Catherine Adamsbaum, Danièle Pariente and their team, who provided me with a high level of teaching. During my training period, I could learn the different imaging techniques in Paediatrics (from the radiographies and US, to the CT, MRI and different procedures, such as radiologic reduction of intussusception, biopsies under US control, etc.). I was also able to participate in all available activities of the department, including daily teaching sessions for residents and multi-disciplinary sessions/meetings, as well as assisting to the GALEN Advanced Course of Paediatric Imaging, which was organised by Prof. Catherine Adamsbaum. The environment was very inspiring for me. I highly recommend this training programme, which made great impact on my professional path.



Constanza Liébana de Rojas

Hospital Universitario 12 de Octubre, Madrid/Spain

Topic: Paediatric Radiology

Training Centre: Great Ormond Street Hospital for Children NHS Trust,
London/United Kingdom

I am very grateful to the ESOR and the ESPR for giving me this unique opportunity. Great Ormond Street Hospital is the UK's largest paediatric hospital; a referral center in the world for the majority of the paediatric diseases, with highly qualified and reputed radiologists and the state-of-the-art equipment. I have had the possibility to participate in the daily clinical activity and to attend the radiology teaching sessions and the weekly multidisciplinary meetings (with numerous interesting and complicated cases, in every discipline), in the main pediatric areas: neuroradiology, cardio-thoracic imaging (including experience in low-dose CT-protocols), abdomen, musculoskeletal, oncology, neonatal and fetal imaging. I also could attend the Annual Meeting of the British Society of Paediatric Radiology and the Practical Course on Paediatric Neuroimaging, organized by UCL-GOSH. This three-months training has meant for me an excellent experience in terms of radiological knowledge, personal growth, meeting wonderful people, etc. I highly recommend this programme. I would especially like to thank my tutor Dr. Chippington, Dr. Owens and Dr. Chong and the other paediatric neuroradiologists, and also the rest of the staff, who have treated me very well and taught me a lot. I would like to thank also Dr. Rutherford and her team for the wonderful experience in fetal and neonatal imaging.



Salman Atiq Siddiqui

Imam Abdul Rahman Bin Faisal Hospital (IABFH), Dammam/Saudi Arabia

Topic: Paediatric Radiology

Training Centre: Emma Children's Hospital - Academic Medical Center
Amsterdam/The Netherlands

I am largely indebted to ESOR/ESR for granting me this fellowship in Paediatric Radiology. At AMC, I was warmly welcomed by my tutor Prof. Rick R. van Rijn whom I find a very modest, courteous and affectionate person in addition to highly skilled and competent radiologist. Prof. Jaap Stoker (Head of Department) was also very supportive. I also had a great opportunity to work closely with two pediatric radiologists (Dr. Anne Smets and Dr. Eline E. Deurloo) and their registrar (Dr. Martyn V. Verhagen); all of them were very helpful using predominantly English rather than Dutch to ease my communication/understanding in routine cases and MDTs. I have been a part of Prof. Rick's research team as well. The exposure to Forensic Paediatric Radiology with Prof. Rick was overwhelming. Overall, AMC significantly enhanced my knowledge, skills and experience in Paediatric Radiology.

EXCHANGE PROGRAMME FOR THORACIC RADIOLOGY FELLOWSHIP



Diana Penha

Hospital Fernando Fonseca, Lisbon/Portugal

Topic: Thoracic Radiology

Training Centre: Calmette Hospital - CHRU de Lille/France

The ESOR Exchange Programme for Thoracic Radiology Fellowship, at the Calmette Hospital in Lille was an outstanding and amazing experience. It was an enormous privilege and honour to be accepted by the department of Prof. Martine Remy-Jardin and by her amazing team that every day research, advance and provide radiology with the most exceptional scientific and clinical work that has tremendously been changing the history of modern and future radiology. Thanks to this programme and to my super enthusiast supervisor, Dr. Antoine Hutt, alongside with all Calmette's radiology team I had the opportunity to improve my knowledge in advanced thoracic imaging in one of the most super specialised centres in the world. The wonderful Calmette hospital is a dedicated thoracic pathology hospital that performs a huge number of chest evaluations with the most advanced protocols and technics alongside with the most exceptional clinical-radiological evaluation of the patient on daily base routine. Through this incredible fellowship I was given, not only the chance to learn advanced chest CT with dual energy acquisition, perfusion evaluation and iterative reconstruction algorithms, but also to attend several general and super specialised multidisciplinary meetings such as pneumology, chest oncology, paediatric chest and cardiovascular and weekly learning sessions. Furthermore, through the hand of Prof. Martine Remy-Jardin and Prof. Jacques Remy I was given the opportunity to attend several clinical and radiological courses where the interaction and sharing of knowledge between radiologists and pneumologists provided me with the most priceless learning. These few months that I spent at Calmette Hospital changed the way that I see the future for chest imaging and technics. Learning thoracic radiology through the eyes of "Calmette Radiology" was for sure one of the most unforgettable experiences of my career. Thoracic Radiology for my understanding will never be the same! "C'est toujours comme ça à Calmette!" Merci à tous!



Bhuvan Krishna Pingile

Mahatma Gandhi Memorial Hospital, Warangal/India

Topic: Thoracic Radiology

Training Centre: University of Edinburgh/United Kingdom

My fellowship programme was a very good experience and during my stay at Clinical Research Imaging Centre and Royal Infirmary of Edinburgh, I got familiarised with the system of work there. I was warmly welcomed by Prof. Edwin J.R Van Beek and his team who provided me with a very high level of teaching and training. Professor Van Beek was an excellent teacher and together with his team made sure that the fellowship catered to my needs. I have learnt a lot from him. I have attended all the multidisciplinary meetings and various lectures. The environment was very inspiring, the enthusiasm and dedication reminded me every day that I got the unique opportunity to learn in one of the best Radiology centres in the world. During this fellowship I was able to broaden my knowledge in Cardiothoracic Imaging, was able to experience the education process in the well renowned University of Edinburgh and be included in academic and research work. This will undoubtedly benefit my academic career. I would like to thank ESOR/ESTI, Clinical Research Imaging Centre at University of Edinburgh, Radiology department at Royal Infirmary for giving me this great opportunity. The experience and knowledge I have gained have made this experience unforgettable. My expectations were more than fulfilled.

ONE-YEAR FELLOWSHIPS

My experience

CARDIOVASCULAR IMAGING



Sara Boccalini

IRCCS-AOU San Martino-IST, Genoa/Italy

Topic: Cardiovascular Imaging

Training Centre: Erasmus Medical Centre, Rotterdam/The Netherlands

I would like to thank ESOR for the opportunity to spend one year at Erasmus Medical Center in Rotterdam, The Netherlands, focusing on Cardiovascular Imaging. The Head of the Department, Prof. G. Krestin, and all his staff and colleagues, made me feel welcome even before I arrived. At first I got acquainted with the different software for post-processing and now I'm participating in the daily clinical activity writing preliminary reports of CT and MRI studies that I later discuss with a staff radiologist. I am also involved in different research projects regarding mainly CT imaging of the aorta that are definitely helping me to increase my skills in this field. I want to thank particularly my tutor, R. Budde, for his support and for sharing his time and knowledge with me. I hope the remaining period will be as fruitful as the first weeks.

CHEST RADIOLOGY



Primož Caf

University Medical Centre Maribor/Slovenia

Topic: Chest Radiology

Training Centre: Heidelberg University Hospital, Heidelberg/Germany

I lost my heart in Heidelberg, a theme song of Heidelberg, gives a perfect description of what that city is. Although not an easy decision to make, leaving my familiar working environment and live one year in a busy place such as Heidelberg, I can already say I made a right decision and am very happy to work with renowned experts on the Radiology department Universitätsklinikum Heidelberg and Thoraxklinik Heidelberg. I realize that the usual learning curve in thoracic radiology is steep, and so I especially appreciate the dedication of my tutors in the Thoraxklinik (Prof. Heußel and Dr. Kunz) and in the Universitätsklinikum (Prof. Kauczor and Dr. Wielpütz) for helping me in my radiology reporting and also sharing tips and tricks in interventional procedures, not to mention for giving me the opportunity to attend many different tumor and ILD boards on daily basis. It is easy to see why Heidelberg is known for being one of the biggest research centers in Europe, and I feel very fortunate also to be able to participate in education and research in Translational Lung Research Center Heidelberg (TLRC). Besides attending almost weekly up-to-date lectures and symposiums in TLRC, I was also very lucky to be able to attend the opening of the new Micro-CT for researching purposes. I will double my efforts in being the best working partner for my tutors and colleagues and I also want to express my gratitude to ESOR for giving me this opportunity to take part in ESOR One-year Fellowship Programme here in Heidelberg.



Roman Rubtsov

Nikolaev City Emergency Hospital, Nikolaev/Ukraine

Topic: Chest Radiology

Training Centre: Heidelberg University Hospital, Heidelberg/Germany

When I arrived in my training center in Heidelberg, I was given a place in the research projects in area of COPD, diffuse parenchymal lung diseases and lung cancer. My role was assumed considering my strong points and accumulated experience, and with the course of time as my skills in research were getting better and my German was improving I was gradually invited into more detailed work with more responsibility, where I could deal with medical documentation, interact with native speakers and instruct newcomers. Research always came along with education that consisted of seminars, local and international conferences, and current cases discussions in the department. I would like to thank Prof. Heußel, Prof. Kauczor, PD M. Vogel and PD M. Wielpütz who supervised the projects for the well-structured approach to my participation and education, for the overwhelming support in every aspect of professional life and a little more! Every single person in the Department of Diagnostical and Interventional radiology contributed to my professional development and cultural integration. Thanks to ESOR for awarding me with this year that changed my life!

INTERVENTIONAL NEURORADIOLOGY



Mariano Facundo Werner Reyes

Hospital Clínic I Provincial de Barcelona/Spain

Topic: Interventional Neuroradiology

Training Centre: Clinic Barcelona/Spain

I would like to thank ESOR for giving me the opportunity to participate in the Interventional Neuroradiology training program at Hospital Clínic in Barcelona. In my first three months I have participated in diagnostic and therapeutic procedures at the angio suite as well as in case discussions with the different members of the team and I have attended multidisciplinary committees. There is an ideal environment for biomedical research throughout the hospital including the interventional neuroradiology department. I believe that these training programs are an excellent experience for radiologists who are starting out in a subspecialty.

NEURORADIOLOGY/HEAD AND NECK RADIOLOGY



Georgios Kapsas

University Hospital of Alexandroupolis/Greece

Topic: Neuroradiology/Head and Neck Radiology

Training Centre: Erasmus Medical Centre, Rotterdam/The Netherlands

I would like to thank the ESOR committee for giving me the opportunity to be trained in the field of Neuroradiology, at the Erasmus Medical Centre in Rotterdam. From day one, all the staff members were there to help me out in settling in and becoming part of the team. I am currently in the second trimester of the one-year fellowship in this centre of excellence and I am most impressed by the professionalism and the really high quality of care that is provided here. Regarding my training, I am very satisfied by the responsibilities and tuition that I have received and I am currently reporting Neuroimaging examinations under supervision, I am scheduled to take part in resident teaching sessions and I am also involved in several research projects which I hope will bear fruit by the end of my scholarship. Finally, I would like to personally thank both Prof. Aad van der Lugt and Assoc. Prof. Marion Smits for all their support, encouragement and training. They really went to great lengths to make this fellowship successful.

QUANTITATIVE IMAGING APPLICATIONS IN LUNG CANCER MANAGEMENT



Tugba Akinci D'Antonoli

Medipol University Faculty of Medicine, Istanbul/Turkey

Topic: Quantitative Imaging Applications in Lung Cancer Management

Training Centre: Policlinico Universitario 'Agostino Gemelli', Rome/Italy

I am very grateful to the ESOR programme for giving me the great opportunity to do a fellowship in lung cancer management and thoracic radiology at Policlinico Universitario 'Agostino Gemelli' in Rome, where I strengthen my knowledge and skills. My tutor Dr. Larici and all members of the thoracic radiology department always made effort to teach me as much as possible. The hospital is one of the biggest referral center for oncological diseases in Italy. I had the opportunity to participate in different multidisciplinary and interesting academic sessions where patients with lung diseases were discussed. I participated in research projects and I also observed clinical activities. This fellowship provided me an excellent educational and social experience that I greatly appreciate. Many thanks to Prof. Bonomo, Dr. Larici, Dr. Farchione, and other members of thoracic radiology, and also all radiology residents who made me feel like at home.



Faculty 2016

FACULTY 2016



Catherine Adamsbaum
 Paris/France



Rene Anguiano Martinez
 Aguascalientes/Mexico



Ambros J. Beer
 Ulm/Germany



Lorenzo Bonomo
 Rome/Italy



Marie Cassart
 Brussels/Belgium



Reingard Aigner
 Graz/Austria



Maria Argyropoulou
 Ioannina/Greece



Geerard L. Beets
 Amsterdam/Netherlands



Giuseppe Brancatelli
 Palermo/Italy



Carlo Catalano
 Rome/Italy



Makhinur Aisarova
 Almaty/Kazakhstan



Ustun Aydingoz
 Ankara/Turkey



Regina Beets-Tan
 Amsterdam/Netherlands



Boris A. Brkljačić
 Zagreb/Croatia



Julius Chapiro
 New Haven/USA



Angel Alberich-Bayarri
 Valencia/Spain



Zhanibek Baiturlin
 Astana/Kazakhstan



Marc Bemelmans
 Maastricht/Netherlands



Cem Calli
 Izmir/Turkey



Rubens Chojniak
 São Paulo/Brazil



Alikhan Alikhanov
 Moscow/Russia



Ignasi Barber
 Barcelona/Spain



Thomas Beyer
 Vienna/Austria



Fatima Cardoso
 Lisbon/Portugal



Gary Cook
 London/United Kingdom



Hatem Alkadh
 Zurich/Switzerland



Minerva Becker
 Geneva/Switzerland



Fabrice Bonneville
 Toulouse/France



Filipe Caseiro Alves
 Coimbra/Portugal



Luciana Costa Silva
 Belo Horizonte/Brazil



Luis Curvo-Semedo
 Coimbra/Portugal



Stavros Efremidis
 Ioannina/Greece



Rosemarie Forstner
 Salzburg/Austria



Sofia Gourtsoyianni
 London/United Kingdom



Markus Hartenbach
 Vienna/Austria



Tairkhan Dautov
 Almaty/Kazakhstan



Guillermo Elizondo Riojas
 Monterrey/Mexico



Maria Manuela Franca
 Oliveira
 Maia/Portugal



Nicholas Gourtsoyiannis
 Athens/Greece



Thomas Helbich
 Vienna/Austria



Marco Del Chiaro
 Stockholm/Sweden



Monique Elmaleh-Bergès
 Paris/France



Marco Francone
 Rome/Italy



Ana María Granados
 Cali/Colombia



Christian J. Herold
 Vienna/Austria



Philippe Demaerel
 Leuven/Belgium



Helen Fenlon
 Dublin/Ireland



Michael H. Fuchsjäger
 Graz/Austria



Claudio Granata
 Genoa/Italy



Franz Wolfgang Hirsch
 Leipzig/Germany



Sujal R. Desai
 London/United Kingdom



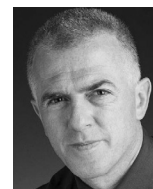
Nuno Figueiredo
 Lisbon/Portugal



Jurgen Futterer
 Nijmegen/Netherlands



Carlo Greco
 Lisbon/Portugal



Apostolos H. Karantanas
 Heraklion/Greece



Hannes Deutschmann
 Graz/Austria



Antonella Filippone
 Chieti/Italy



Vicky Goh
 London/United Kingdom



Thomas F. Hany
 Zurich/Switzerland



Grigory Karmazanovsky
 Moscow/Russia

Faculty 2016

FACULTY 2016



Nikolaos Kartalis
 Stockholm/Sweden



Karina Kovaleva
 Graz/Austria



David J. Lomas
 Cambridge/United Kingdom



Dermot E. Malone
 Dublin/Ireland



Antonio Matteoni de Athayde
 Salvador/Brazil



Ekaterina Kasatkina
 Heidelberg/Germany



Zhanar Kozhakhmetova
 Astana/Kazakhstan



Armando López Ortiz
 Mexico City/Mexico



Riccardo Manfredi
 Verona/Italy



Yves Menu
 Paris/France



Hans-Ulrich Kauczor
 Heidelberg/Germany



Miltiadis Krokidis
 Cambridge/United Kingdom



Federico Lubinus
 Bucaramanga/Colombia



Stefano Margaritora
 Rome/Italy



Oliver Michel
 Saarbrücken/Germany



Marat Khodjibekov
 Tashkent/Uzbekistan



Andrea Laghi
 Latina/Italy



Olivier Lucidarme
 Paris/France



Roberto Maroldi
 Brescia/Italy



Giovanni Morana
 Treviso/Italy



Galina Kirova
 Sofia/Bulgaria



Michael Laniado
 Dresden/Germany



Olga Lukina
 St. Petersburg/Russia



Luis Marti-Bonmati
 Valencia/Spain



Ullrich Mueller-Lisse
 Munich/Germany



Dow-Mu Koh
 London/United Kingdom



Christian Loewe
 Vienna/Austria



Edyta Maj
 Warsaw/Poland



Celso Matos
 Lisbon/Portugal



Dragos Negru Iasi
 Iasi/Romania



Konstantin Nikolaou
 Tuebingen/Germany



Paul M. Parizel
 Antwerp/Belgium



Helmut Prosch
 Vienna/Austria



Katrine Riklund
 Umeå/Sweden



Ernst J. Rummeny
 Munich/Germany



Catherine Owens
 London/United Kingdom



Jai Soung Park
 Bucheon/Korea



Maria Raissaki
 Heraklion/Greece



Andrea Rockall
 London/United Kingdom



Francesco Sardanelli
 Milan/Italy



András Palkó
 Szeged/Hungary



Horst Rupert Portugaller
 Graz/Austria



Raushan Rakhimzhanova
 Almaty/Kazakhstan



Maxime Ronot
 Clichy/France



Mariano Scaglione
 Castel Volturno/Italy



Vadim Panov
 Moscow/Russia



Roberto Pozzi Mucelli
 Verona/Italy



Osman Ratib
 Geneva/Switzerland



Johannes Rübenthaler
 Munich/Germany



Cornelia Schaefer-Prokop
 Amersfoort/Netherlands



Nickolas Papanikolaou
 Lisbon/Portugal



Panos Prassopoulos
 Alexandroupolis/Greece



Daniele Regge
 Candiolo/Italy



Natalia Rubtsova
 Moscow/Russia



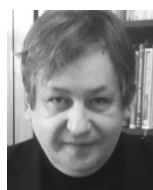
Sebastian Schindera
 Basel/Switzerland



Matilda A. Papanasiou
 Athens/Greece



Mathias Prokop
 Nijmegen/Netherlands



Gert Reiter
 Graz/Austria



Theo Ruers
 Amsterdam/Netherlands



Heinz-Peter Schlemmer
 Heidelberg/Germany

Faculty 2016

FACULTY 2016



Valentin Sinitsyn
Moscow/Russia



Marcel Stokkel
Amsterdam/Netherlands



Nikoleta Traikova
Plovdiv/Bulgaria



Edwin J.R. Van Beek
Edinburgh/United Kingdom



Koenraad Verstraete
Gent/Belgium



Antonio Soares Souza
São Paulo/Brazil



Christoforos Stoupis
Maennedorf/Switzerland



Siegfried Trattnig
Vienna/Austria



Bernard Van Beers
Clichy/France



Jose Vilar Samper
Valencia/Spain



Arthur Soares Souza Jr.
São José do Rio Preto/Brazil



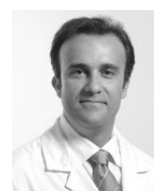
Emina Talakic
Graz/Austria



Dimitros Tsetis
Heraklion/Greece



Luc van den Hauwe
Antwerp/Belgium



Pedro Vilela
Lisbon/Portugal



Erich Sorantin
Graz/Austria



Stuart Andrew Taylor
London/United Kingdom



Igor Tyurin
Moscow/Russia



Angelo Vanzulli
Milan/Italy



Valerie Vilgrain
Clichy/France



Jens Soerensen
Uppsala/Sweden



Isabelle Thomassin-Naggara
Paris/France



Lale Umutlu
Essen/Germany



Marcel Verheij
Amsterdam/Netherlands



Sarah Vinnicombe
Dundee/United Kingdom



Marek Stajgis
Poznan/Poland



Majda M. Thurnher
Vienna/Austria



Vincenzo Valentini
Rome/Italy



Johny A. Verschakelen
Leuven/Belgium



Jerzy Walecki
Warsaw/Poland



Giulia Zamboni
 Verona/Italy



Zhamilya Zholdybay
 Almaty/Kazakhstan



Marc Zins
 Paris/France



Daniel Zips
 Tuebingen/Germany

Ayan Abdrakhmanov
 Astana/Kazakhstan

Zhanar Abdrakhmanova
 Astana/Kazakhstan

Bakhyt Abishev
 Astana/Kazakhstan

Yermek Akhemtov
 Almaty/Kazakhstan

Serik Alimbaev
 Astana/Kazakhstan

Marat Aripov
 Astana/Kazakhstan

Eduardo Barroso
 Lisbon/Portugal

Maria-João Cardoso
 Lisbon/Portugal

Carlos Carvalho
 Lisbon/Portugal

Elmira Chuvakova
 Astana/Kazakhstan

Carlos Cordon Cardo
 New York/USA

Bruno Costa da Silva
 Lisbon/Portugal

Giuseppe D'Ippolito
 São Paulo/Brazil

Julien Dinkel
 Munich/Germany

Stéphanie Franchi-Abella
 Paris/France

Zvi Fuks
 Lisbon/Portugal

Douglas Hanahan
 Lausanne/Switzerland

Yeon Joo Jeong
 Pusan/Korea

Cristina João
 Lisbon/Portugal

Luis Felipe Lopez Alva
 Mexico City/Mexico

Paulo Lucio
 Lisbon/Portugal

Ralph Maderthaler
 Graz/Austria

Kulash Maer
 Astana/Kazakhstan

**Gennady Olegovich
 Minenkov**
 Bishkek/Kyrgyzstan

Saule Mukhametzhanova
 Almaty/Kazakhstan

Talgat Nurgozhin
 Astana/Kazakhstan

Sabine Oswald
 Graz/Austria

Chang Min Park
 Seoul/Korea

Ursula Reiter
 Graz/Austria

Aigul Saduakasova
 Astana/Kazakhstan

Helmut Schöllnast
 Graz/Austria

Joon Beom Seo
 Seoul/Korea

Nikolay Shimanovskiy
 Moscow/Russia

Christopher Spreizer
 Graz/Austria

Yu Sukhov
 St. Petersburg/Russia

Anara Turmukhamedova
 Karaganda/Kazakhstan

Berit Verbist
 Leiden/Netherlands

Tutors 2016



Catherine Adamsbaum
Hôpital du Kremlin Bicêtre
Le Kremlin Bicêtre/FR
Paediatric Radiology



Ahmed Ba-Ssalamah
Medical University of
Vienna
Vienna/AT
Abdominal Radiology



Serge Bracard
CHU de Nancy -
Hôpital Central
Nancy/FR
Neuroradiology



Anne Cotten
Centre de consultation et
d'Imagerie de l'Appareil
Locomoteur (CCIAL)
Lille/FR
Musculoskeletal Radiology



Sujal R. Desai
King's College Hospital
London/UK
Cardiac Imaging



Muaaze Ahmad
Barts And The
London NHS Trust - St.
Bartholomew's Hospital
London/UK
Musculoskeletal Radiology



Regina Beets-Tan
Netherlands Cancer
Institute - Antoni
van Leeuwenhoek
Amsterdam/NL
Abdominal Radiology



Ricardo Budde
Erasmus Medical Centre
Rotterdam/NL
Cardiovascular Imaging



Christian Czerny
Medical University
of Vienna
Vienna/AT
Head and Neck Radiology



David Elias
King's College Hospital
London/UK
Musculoskeletal Radiology



Irina Arkhipova
Federal Center of Medicine
and Rehabilitation
Moscow/RU
Abdominal Radiology



Paolo Belli
Policlinico Universitario
'Agostino Gemelli'
Rome/IT
Breast Imaging



Luca A. Carbonaro
University of Milan, IRCCS
Policlinico San Donato
Milan/IT
Breast Radiology



Paras Dalal
Harefield Hospital
London/UK
Cardiac Imaging



Catherine Garel
Hôpital d'Enfants
Armand-Trousseau
Paris/FR
Paediatric Radiology



Tristan Barrett
Cambridge University
Hospitals NHS Trust -
Addenbrooke's Hospital
Cambridge/UK
Urogenital Radiology



Massimo Bellomi
European Institute
of Oncology
Milan/IT
Oncologic Imaging



Christophe Cognard
Hôpital Purpan - Centre
Hospitalier Universitaire
(CHU) de Toulouse
Toulouse/FR
Neuroradiology



D. David Dershaw
Memorial Sloan-Kettering
Cancer Center
New York/USA
Breast Imaging



Fiona J. Gilbert
Cambridge University
Hospitals NHS Trust -
Addenbrooke's Hospital-
Cambridge/UK
Breast Radiology



Vicky Goh
Guy's and St Thomas'
NHS Foundation Trust
London/UK
Abdominal Radiology



Max Lahaye
Netherlands Cancer
Institute - Antoni van
Leeuwenhoek
Amsterdam/NL
Abdominal Radiology



Christian Loewe
Medical University of
Vienna
Vienna/AT
Cardiac Imaging



Dean Nakamoto
Case Western Reserve
University
Cleveland/USA
Abdominal Radiology



Daniela Prayer
Medical University of
Vienna
Vienna/AT
Neuroradiology



Sofia Gourtsoyianni
Guy's and St Thomas'
NHS Foundation Trust
London/UK
Abdominal Radiology



Anna Rita Larici
Policlinico Universitario
'Agostino Gemelli'
Rome/IT
Quantitative Imaging Ap-
plications in Lung Cancer
Management



David J. Lomas
Cambridge University
Hospitals NHS Trust -
Addenbrooke's Hospital
Cambridge/UK
Abdominal Radiology



David M. Panicek
Memorial Sloan-Kettering
Cancer Center
New York/USA
Oncologic Imaging



Monique Reijnierse
Leiden University
Medical Center
Leiden/NL
Musculoskeletal Radiology



Nyree Griffin
Guy's and St Thomas'
NHS Foundation Trust
London/UK
Abdominal Radiology



Peter Leander
Skåne University Hospital
Malmö/SE
Abdominal Radiology



Juan Macho
Clinic Barcelona
Barcelona/ES
Interventional Neuro-
radiology



Charles Peebles
University Hospital
Southampton
Southampton/UK
Cardiac Radiology



Peter Reimer
Städt. Klinikum Karlsruhe
Karlsruhe/DE
Abdominal Radiology



Franz Kainberger
Medical University
of Vienna
Vienna/AT
Musculoskeletal Radiology



Ravi Lingam
London Northwest
Hospitals NHS Trust &
Mount Vernon Cancer
Centre
London/UK
Head and Neck Radiology



Elizabeth Morris
Memorial Sloan-Kettering
Cancer Center
New York/USA
Breast Imaging



Rosario Perea
Clinic Barcelona
Barcelona/ES
Cardiac Radiology



Andrea Rossi
Istituto Giannina Gaslini -
Children's Hospital
Genoa/IT
Neuroradiology

Tutors 2016



Alex Rovira
Hospital Universitari Vall d'Hebron
Barcelona/ES
Neuroradiology



Horst Urbach
Medical Center - University of Freiburg
Freiburg/DE
Neuroradiology



Marc-André Weber
Heidelberg University Hospital
Heidelberg/DE
Chest Radiology/ Musculoskeletal Radiology

Rashid Amir
University Hospital
Birmingham - Queen Elizabeth, Medical Centre
Birmingham/UK
Head and Neck Radiology

Samantha Chippington
Great Ormond Street Hospital for Children
NHS Trust
London/UK
Paediatric Radiology

Steve Connor
King's College Hospital
London/UK
Head and Neck Radiology

Susan Cross
Barts And The London NHS Trust - St. Bartholomew's Hospital
London/UK
Emergency Radiology

Marco Das
Maastricht University Medical Center
Maastricht/NL
Chest Radiology

Rosa Dominguez
Hospital Universitari Vall d'Hebron
Barcelona/ES
Musculoskeletal Radiology

Didier Dormont
Pitié-Salpêtrière University Hospital
Paris/FR
Neuroradiology

Davide Farina
University of Brescia
Brescia/IT
Head and Neck Radiology

Tobias Franiel
Jena University Hospital
Jena/DE
Oncologic Imaging

Peter Huppert
Klinikum Darmstadt
Darmstadt/DE
Abdominal Radiology

Antoine Hutt
Calmette Hospital - CHRU de Lille
Lille/FR
Thoracic Radiology

Pauline Kane
King's College Hospital
London/UK
Abdominal Radiology

Dylan Lewis
King's College Hospital
London/UK
Emergency Radiology

Edith Nielsen
Aarhus University Hospital
Aarhus/DK
Neuroradiology

James O'Donnell
Case Western Reserve University
Cleveland/USA
Nuclear Medicine

Andrew Plumb
University College London - Centre for Medical Imaging
London/UK
Abdominal Radiology

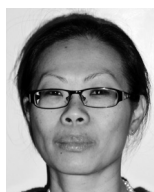
Nadya Pyatigorskaya
Pitié-Salpêtrière University Hospital
Paris/FR
Neuroradiology

Matias Squarcia
Clinic Barcelona
Barcelona/ES
Neuroradiology

Stéphanie Trunet
Pitié-Salpêtrière University Hospital
Paris/FR
Head and Neck Radiology

Andrew Watt
Royal Hospital for Children
Glasgow/UK
Paediatric Radiology

Rainer Wolf
Inselspital, University Hospital Bern
Bern/CH
Paediatric Radiology



Pat Set
Cambridge University Hospitals NHS Trust - Addenbrooke's Hospital
Cambridge/UK
Paediatric Radiology



Edwin J.R. van Beek
University of Edinburgh
Edinburgh/UK
Thoracic Radiology



Tarek Yousry
The National Hospital of Neurology and Neurosurgery UCLH
London/UK
Neuroradiology



Erich Sorantin
Medical University of Graz
Graz/AT
Paediatric Radiology



Rick van Rijn
Emma Children's Hospital - Academic Medical Center
Amsterdam/NL
Paediatric Radiology



Csaba Traply
Odense University Hospital
Odense/DK
Emergency Radiology



Hendrik von Tengg-Kobligk
Inselspital, University Hospital Bern
Bern/CH
Oncologic Imaging

ESOR AT ECR 2016



ESOR SESSION ADVANCING CLINICAL PRACTICE: ROLE OF EDUCATION

Moderators:

L. Donoso, Barcelona/ES

N. Gourtsoyiannis, Athens/GR

Introduction

L. Donoso, Barcelona/ES

ESOR in action 2016

N. Gourtsoyiannis, Athens/GR

The role of remodelling in delivering of learning

P. Ros, Cleveland/US

The role of referral guidelines and clinical decision support systems

L. Donoso, Barcelona/ES

MDT's and patient outcomes

R. Reznek, London/UK

The role of research and innovation: essential ingredients for our professional advancement

H. Hricak, New York/US

The Fruits of the ESOR Scholarship Programme

S. Butorac, Tirana/AL

Awards

On the occasion of the session, scholars and fellows were awarded certificates for successfully completing the 2015 Visiting Scholarship Programmes, and Exchange Programmes for Fellowships

CITIES/COUNTRIES VISITED 2006-2016

EUROPE

- | | | | |
|------------------------------------|--------------------------|-----------------------|---------------------------|
| 1 Budapest/Hungary | 16 Latina/Italy | 32 Madrid/Spain | 48 Rostov-on-don/Russia |
| 2 Krakow/Poland | 17 Belgrade/Serbia | 33 Umeå/Sweden | 49 Izmir/Turkey |
| 3 Heraklion/Greece | 18 London/United Kingdom | 34 Barcelona/Spain | 50 Salzburg/Austria |
| 4 Dubrovnik/Croatia | 19 Rotterdam/Netherlands | 35 Iasi/Romania | 51 Helsinki/Finland |
| 5 Prague/Czech Republic | 20 Sochi/Russia | 36 Brussels/Belgium | 52 Maastricht/Netherlands |
| 6 Alexandroupolis/Greece | 21 Athens/Greece | 37 Vilnius/Lithuania | 53 Wroclaw/Poland |
| 7 Rome/Italy | 22 Novi Sad/Serbia | 38 Padova/Italy | 54 Palermo/Italy |
| 8 Lublin/Poland | 23 Bratislava/Slovakia | 39 Kaliningrad/Russia | 55 Moscow/Russia |
| 9 Berlin/Germany | 24 Paris/France | 40 Munich/Germany | 56 Zagreb/Croatia |
| 10 Stockholm/Sweden | 25 Tallinn/Estonia | 41 Lille/France | 57 Kayseri/Turkey |
| 11 Bucharest/Romania | 26 Sibiu/Romania | 42 Riga/Latvia | 58 Graz/Austria |
| 12 Amsterdam/Netherlands | 27 Milan/Italy | 43 Geneva/Switzerland | 59 Plovdiv/Bulgaria |
| 13 Sofia/Bulgaria | 28 Lisbon/Portugal | 44 Turin/Italy | 60 Dublin/Ireland |
| 14 Sarajevo/Bosnia and Herzegovina | 29 Pisa/Italy | 45 Porto/Portugal | 61 Thessaloniki/Greece |
| 15 Ankara/Turkey | 30 St. Petersburg/Russia | 46 Odessa/Ukraine | 62 Valencia/Spain |
| | 31 Warsaw/Poland | 47 Vienna/Austria | 63 Suzdal/Russia |
| | | | 64 Kazan/Russia |





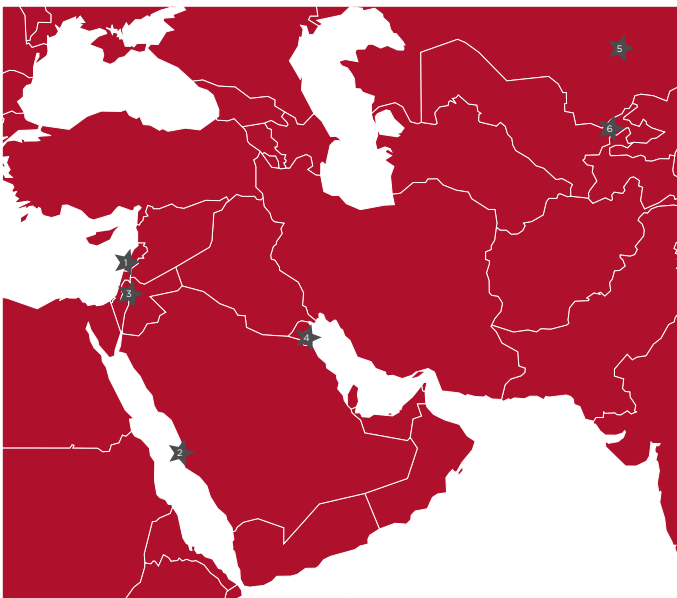
ASIA

- 1 Beijing/China
- 2 Qingdao/China
- 3 Nanjing/China
- 4 Shanghai/China
- 5 Kunming/China
- 6 Guangzhou/China
- 7 Hangzhou/China
- 8 Chengdu/China
- 9 Changsha/China
- 10 Dalian/China
- 11 Suzhou/China
- 12 Shenzhen/China
- 13 Guilin/China
- 14 Shenyang/China
- 15 Shijiazhuang/China
- 16 Xi'an/China
- 17 Wuhan/China
- 18 Hefei/China
- 19 Tianjin/China
- 20 Zhengzhou/China
- 21 Chongqing/China
- 22 Fuzhou/China
- 23 Taiyuan/China
- 24 Harbin/China
- 25 Jinan/China
- 26 Urumqi/China
- 27 Changchun/China
- 28 Nanchang/China
- 29 Ningbo/China
- 30 Haikou/China
- 31 Wuxi/China
- 32 Yinchuan/China
- 33 Seoul/Korea



LATIN AMERICA

- 1 Santiago/Chile
- 2 Rio de Janeiro/Brazil
- 3 Belo Horizonte/Brazil
- 4 São Paulo/Brazil
- 5 Salvador/Brazil
- 6 Brasília/Brazil
- 7 Porto Alegre/Brazil
- 8 Mexico City/Mexico
- 9 San Miguel de Allende/Mexico
- 10 Campinas/Brazil
- 11 Recife/Brazil
- 12 Mérida/Mexico
- 13 Guadalajara/Mexico
- 14 Cancùn/Mexico
- 15 Bogotá/Colombia
- 16 Cartagena/Colombia
- 17 Curitiba/Brazil
- 18 Monterrey/Mexico



MIDDLE EAST

- 1 Beirut/Lebanon
- 2 Jeddah/Saudi Arabia
- 3 Amman/Jordan
- 4 Kuwait/Kuwait
- 5 Astana/Kazakhstan
- 6 Tashkent/Uzbekistan



ESOR Office | European Society of Radiology

Neutorgasse 9 | 1010 Vienna | Austria

Phone: +43-1-533 40 64-521

Fax: +43-1-533 40 64-448

esor@myesr.org

myESR.org/esor

© all rights reserved by the
European Society of Radiology