

ANNUAL REPORT 2013



*Education in
partnership*



Chinese Society of Radiology
中华医学会放射学分会



Colégio Brasileiro de Radiologia
e Diagnóstico por Imagem



भारतीय रेडियोलॉजी सोसायटी



대한영상의학회
The Korean Society of Radiology



Sociedad Española de Radiología Médica



Türk Radyasyon Enstitüleri Derneği



SCHOOL OF MEDICINE
CASE WESTERN RESERVE
UNIVERSITY



Memorial Sloan-Kettering
Cancer Center



Jo Li Charitable Trust



European Society for Magnetic Resonance in Medicine and Biology



European Society
ESGAR
Gastrointestinal and Abdominal Radiology



EUSOBI
european society of breast imaging



EUROPEAN SOCIETY
CARDIAC RADIOLOGY
ESCR



eshnr
european society of
head and neck radiology



ESSR



ENR



European society of
paediatric radiology



ESTI
European Society of
Thoracic Imaging



BRACCO



Bayer HealthCare



EURO
MEDIC
INTERNATIONAL

GE Healthcare



Guerbet |



Mallinckrodt
Pharmaceuticals



NYCOMED

Thank you!

REVIEW 2013



Dear Colleagues,

On behalf of ESOR, I would like to report on 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 2013 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.

2013 marked also the completion of seven years of ESOR in action, seven 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, subspecialties 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 2013 are presented. You are provided with a snapshot of the educational programme assigned to more than 1,900 residents and young radiologists along with a brief description of experiences gained from their participation and interaction.

Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

ESOR Committee

March 2014 – March 2015

Committee Chairman Scientific/Educational Director

Nicholas Gourtsoyiannis, Athens/GR

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Hans-Ulrich Kauczor, Heidelberg/DE

Celso Matos, Brussels/BE

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Luis Donoso, Barcelona/ES

Thomas Helbich, Vienna/AT

Christian Loewe, Vienna/AT

Mario Maas, Amsterdam/NL

Borut Marincek, Cleveland/US

Luis Marti-Bonmati, Valencia/ES

Paul M. Parizel, Antwerp/BE

ESNR European Course of Neuroradiology

Wolfgang Steinbrich, Basel/CH

ESMRMB School of MRI

Harriet Thoeny, Bern/CH



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. Each course is held in English and accompanied by a self-assessment test. CME accreditation of the programmes and evaluation of performance of both trainers and trainees are integral features of this project. In 2013 one foundation and four advanced courses have been organised, covering topics across the modalities reaching a total number of 279 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 neuroradiology. It was attended by a total of 41 residents from 17 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 (cardiac, oncologic, musculoskeletal, breast) and were attended by 238 doctors from 38 countries.

GALEN Foundation Course

LEVEL I+II

Neuroradiology

May 9–11, 2013

Izmir/Turkey

Local organiser:

C. Calli, Izmir/TR

Topics and Faculty:

Cranial nerves: anatomy and pathologies

K. Karaali, Antalya/TR

Perfusion imaging of the brain

Y. Özsunar, Aydın/TR

The role of neuroimaging in the treatment planning of gliomas

C. Calli, Izmir/TR

Pattern recognition in neuroradiology

L. Van den Hauwe, Antwerp/BE

MRI of the brain: why, how, when

R. Gasparotti, Brescia/IT

Congenital abnormalities of the brain

A. Rossi, Genova/IT

Brain injury

P. Parizel, Antwerp/BE

CNS infections

T. Tali, Ankara/TR

CNS malignancies

S. Karampekios, Heraklion/GR

Imaging in epilepsy

P. Sundgren, Lund/SE

Stroke: diagnosis and therapy

P. Vilela, Lisbon/PT

White matter diseases

M. Thurnher, Vienna/AT

Number of participants: 41

Country statistics: Azerbaijan 1, Belgium 3, Germany 3, Greece 3, Iran 1, Kazakhstan 1, Kuwait 1, Libya 2, Poland 2, Portugal 1, Romania 3, Russian Federation 1, Spain 2, Sweden 1, Turkey 13, Ukraine 1, United Kingdom 2

GALEN Advanced Courses

LEVEL II

Cardiac Cross-Sectional Imaging

September 5–6, 2013

Porto/Portugal

Local organiser:

A. Madureira, Porto/PT

Topics and Faculty:

State of the art CT cardiac imaging protocols

H.-C. Becker, Munich/DE

Most important cardiac MRI protocols

A. de Roos, Leiden/NL

CT diagnosis/rule out of stable coronary heart disease

V. Sinitsyn, Moscow/RU

Diagnosis of coronary heart disease beyond stenosis detection: imaging the ischemic myocardium (CT/MR)

M. Francone, Rome/IT

Diagnosis of coronary heart disease beyond stenosis quantification: CA scoring, plaque analysis, risk management (CT/MR)

H. Alkadhi, Zurich/CH

Non ischemic cardiomyopathies

A. de Roos, Leiden/NL

Valvular heart disease

H.-C. Becker, Munich/DE

Congenital heart disease in children and adults

A. Madureira, Porto/PT

My top 5 cardiac CT indications

C. Loewe, Vienna/AT

My top 5 cardiac MR indications

M. Francone, Rome/IT

Current and future role of imaging in acute chest pain (CT/MRI)

H.-C. Becker, Munich/DE

Acute aortic syndromes

C. Loewe, Vienna/AT

Imaging of pulmonary embolism and pulmonary hypertension

C. Schaefer-Prokop, Amsterdam/NL

Number of participants: 40

Country statistics: Australia 1, Bosnia and Herzegovina 1, Ireland 1, Lithuania 1, Portugal 29, Russian Federation 1, Serbia 1, Slovenia 1, Spain 1, Turkey 2, n.a. 1

LEVEL II+III

Oncologic Imaging

September 12–13, 2013

Prague/Czech Republic

Local organiser:

V. Valek, Prague/CZ

Topics and Faculty:

The significance of imaging in the management of patients with cancer

R. Reznek, London/UK

The biology of cancer and its relationship to treatment

L. Marti-Bonmati, Valencia/ES

Communications in imaging patients with cancer: structured reporting, multidisciplinary meetings, share decision making (speaking with patients)

Y. Menu, Paris/FR

Quantitative imaging: challenges in image processing

N. Papanikolaou, Heraklion/GR

Diagnostic challenges in oncologic imaging: head and neck cancer

R. Hermans, Leuven/BE

Diagnostic challenges in oncologic imaging: cancer of the liver, bile ducts and pancreas

F. Caseiro Alves, Coimbra/PT

Diagnostic challenges in oncologic imaging: cancer of the colon and rectum

R. Beets-Tan, Maastricht/NL

The detection of metastatic disease: whole body MRI, CT, PET-CT and PET-MRI

M. Bellomi, Milan/IT

Lymph node disease: the role for functional and metabolic imaging

H. Thoeny, Bern/CH

Incidental findings in oncological patients

C. Matos, Brussels/BE

Complications after treatment: how to differentiate treatment sequel from cancer recurrence

D.-M. Koh, London/UK

Assessment of treatment response: current criteria and their limitations (recist and percist)

M. Laniado, Dresden/DE

Assessment of treatment response: functional imaging biomarkers and their potential

V. Goh, Northwood/UK

Imaging in targeted therapy

H.-P. Schlemmer, Heidelberg/DE

Number of participants: 46

Country statistics: Australia 1, Austria 2, Belgium 1, Chile 1, Czech Republic 4, Dominican Republic 1, Finland 2, France 1, Germany 5, Hungary 1, Lithuania 1, Moldova 1, Netherlands 3, Poland 3, Romania 7, Russian Federation 1, Slovakia 1, Slovenia 1, South Africa 1, Switzerland 4, Turkey 2, Ukraine 1, United Kingdom 1

GALEN Advanced Courses

LEVEL II

Musculoskeletal Cross-Sectional Imaging

September 19–20, 2013

Helsinki/Finland

Local organiser:

H. Aronen, Turku/FI

Topics and Faculty:

Hip impingement syndromes: normal vs. abnormal

A. Kassarian, Madrid/ES

MRI of the menisci

S.K. Koskinen, Helsinki/FI

MRI of the cartilage

C. Glaser, Munich/DE

MRI of bone marrow

A. Karantanas, Heraklion/GR

MRI of the shoulder

S. Djebbar, Lille/FR

MRI of the wrist

M. Zanetti, Zurich/CH

Sports injuries

A. Barile, L'Aquila/IT

Bone tumours: old and new MRI techniques

K. Verstraete, Gent/BE

Soft tissue tumours

F. Vanhoenacker, Antwerp/BE

Number of participants: 75

Country statistics: Australia 1, Brazil 2, Denmark 1, Estonia 4, Finland 50, France 2, Germany 1, Italy 1, Norway 2, Poland 2, Romania 2, Russian Federation 1, Slovakia 2, Spain 1, Turkey 2, United Kingdom 1

LEVEL II

Breast Imaging

December 12–13, 2013

Salzburg/Austria

Local organiser:

T. Helbich, Vienna/AT

Topics and Faculty:

Mammography: state of the art

U. Bick, Berlin/DE

Breast ultrasound: state of the art

C. Weismann, Salzburg/AT

MRI of the breast: state of the art

F. Pediconi, Rome/IT

Contrast enhanced mammography

F. Thibault, Paris/FR

Breast ultrasound elastography

A. Athanasiou, Paris/FR

Digital breast tomosynthesis

S. Zackrisson, Malmö/SE

Advanced MRI techniques:

Diffusion, perfusion, spectroscopy, three tesla

P. Baltzer, Vienna/AT

Clinical challenges in breast MRI

S. Vinnicombe, Dundee/UK

Imaging and management of the axilla

P. Britton, Cambridge/UK

Interventional breast techniques

T. Helbich, Vienna/AT

Number of participants: 77

Country statistics: Austria 15, Bosnia and Herzegovina 1, Estonia 4, Finland 4, France 1, Germany 3, Greece 3, India 1, Italy 12, Macedonia 1, Poland 3, Romania 10, Russian Federation 1, Serbia 7, Slovakia 3, Slovenia 2, South Africa 1, Sweden 1, Switzerland 4



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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

This year's programme included five ASKLEPIOS courses, which were tailored to address recognised needs and were held in Europe. Content-wise these were multi-thematic or multimodality advanced courses aimed, in particular, at general radiologists and private practitioners.

One of those multimodality courses was held in Warsaw/Poland in partnership with Euromedic and was attended by 58 radiologists from all over Europe. The partnership with Mallinckrodt led to a course on Emergency Radiology, held in Rostov-on-Don/Russia with 61 participants.

The long-term partnership with Bracco was continued with one ASKLEPIOS course on Contrast Enhanced Ultrasound, organised in London/United Kingdom, attended by 48 participants from nine countries.

After a successful course in 2012, ESOR again delivered jointly with ESTRO a multidisciplinary course aimed at both radiologists and radiation oncologists, in partnership with Guerbet. The course took place in Rome/Italy and was held under the title “Multidisciplinary Approach to Cancer Imaging”. It was attended by 72 participants from 29 countries.

The second ESOR course on “Imaging Biomarkers” took place in Vienna/Austria and attracted 26 participants from 15 countries. The aim of the course was to present the principles of imaging biomarkers, to identify the different biomarkers that are used in research and clinical areas, to recognise how diffusion-weighted and perfusion-weighted image acquisitions influence measurements and to differentiate the biases that may influence results.

LEVEL III

Imaging Biomarkers

March 6, 2013
Vienna /Austria

Moderators:

L. Marti-Bonmati, Valencia/ES
C. Matos, Brussels/BE

Topics and Faculty:

Biomarkers: definition and development

L. Marti-Bonmati, Valencia/ES

Imaging biomarkers: standardisation and validation

B. Van Beers, Clichy/FR

Parametric imaging biomarkers in research/clinical use

S. Trattinig, Vienna/AT

Diffusion weighted imaging biomarkers in research/clinical use

D.-M. Koh, London/UK

Perfusion imaging biomarkers in research/clinical use

A. Padhani, Northwood/UK

Measurements and biases in imaging biomarkers evaluation

J.-P. Vallée, Geneva/CH

Number of participants: 26

Country statistics: Australia 2, Austria 4, Brazil 1, France 1, Germany 2, India 1, Israel 1, Italy 1, Netherlands 2, Portugal 2, Romania 2, Saudi Arabia 1, Slovenia 2, United Kingdom 2, United States of America 2

LEVEL II+III

Contrast Enhanced Ultrasound

May 9–10, 2013
London/United Kingdom

Local Organiser:

P. Sidhu, London/UK

Topics and Faculty:

Introducing a CEUS service: technical requirements, training, safety

P. Ricci, Rome/IT

CEUS: principles, protocols and quantification

D. Cosgrove, London/UK

Liver: US and CEUS of focal liver lesions (FLL): diagnosis in non-cirrhotic liver

E. Quaia, Trieste/IT

Liver: US and CEUS of focal liver lesions (FLL): diagnosis in cirrhotic liver

Á. García-Criado, Barcelona/ES

CEUS of FLL: intraoperative, ablations, chemotherapy

L. Solbiati, Busto Arsizio/IT

Liver: US and CEUS of diffuse lesions, and liver transplantation

P. Sidhu, London/UK

CEUS in abdominal emergencies

D. Cokkinos, Athens/GR

CEUS of the kidney

J.-M. Correas, Paris/FR

Macrovasculature

D. Clevert, Munich/DE

Number of participants: 48

Country statistics: Canada 1, Denmark 1, India 1, Ireland 1, Italy 1, Portugal 1, Spain 1, Sweden 2, United Kingdom 39

ASKLEPIOS Courses

LEVEL II

Multimodality Course

September 27–28, 2013
Warsaw/Poland

Local organiser:

M. Szczerbo-Trojanowska, Lublin/PL

Topics and Faculty:

Imaging CNS malignancies

F. Fellner, Linz/AT

Head and neck cancer: what does the surgeon expect from the radiologist?

F.A. Pameijer, Utrecht/NL

Multimodality high-resolution imaging of temporal bone

M. Furmanek, Warsaw/PL

MRI of the breast: technique, BIRADS and more

F. Pediconi, Rome/IT

Lung cancer: characterisation, staging and follow-up

J. Vilar, Valencia/ES

Advanced abdominal MR imaging protocols for the oncologic patient

N. Papanikolaou, Heraklion/GR

Characterising the incidental liver lesion

A. Palkó, Szeged/HU

Imaging rectal cancer

S. Gourtsoyianni, London/UK

MRI of gynaecologic malignancies

D. Akata, Ankara/TR

LEVEL I+II

Emergency Radiology

October 4–5, 2013
Rostov-on-Don/Russia

Local organiser:

V. Sinitsyn, Moscow/RU

Topics and Faculty:

MDCT protocols for polytrauma patients

M. Prokop, Nijmegen/NL

Traumatic brain injury

P. Parizel, Antwerp/BE

Non-traumatic intracranial emergencies

Y. Özsunar, Aydin/TR

Non-traumatic chest emergencies

I. Tyurin, Moscow/RU

Abdominal trauma

G. Karmazanovsky, Moscow/RU

Acute lower abdominal pain

M. Zins, Paris/FR

Abdominal paediatric emergencies

M. Raissaki, Heraklion/GR

Vascular emergencies

V. Sinitsyn, Moscow/RU

CT angiography in acute GI bleeding: why, when and how?

M. Zins, Paris/FR

Number of participants: 58

Country statistics: Austria 1, Brazil 1, Germany 1, Greece 3, Hungary 5, Iran 1, Ireland 2, Italy 2, Lithuania 13, Poland 20, Portugal 2, Romania 5, Russian Federation 1, Turkey 1

Number of participants: 61

Country statistics: Armenia 1, Belarus 2, Kyrgyzstan 1, Russian Federation 55, Ukraine 1, n.a. 1

LEVEL III

Multidisciplinary Approach to Cancer Imaging

November 7-9, 2013

Rome/Italy

Local organiser:

L. Bonomo, Rome/IT

Topics and Faculty:

Imaging technology in radiotherapy for radiologist – Basic principle in radiation technology

V. Valentini, Rome/IT

Imaging technology in radiotherapy for radiologist – Clinical application

U. Nestle, Freiburg/DE

Imaging technology in radiology for radiotherapist – Basic principle in MR technology

N. Papanikolaou, Heraklion/GR

Imaging technology in radiology for radiotherapist – Clinical application

Y. Menu, Paris/FR

Liver Tumours: primary liver tumour and colorectal metastases: anatomical, functional, monitoring and follow-up imaging – Treatment options

G. Lammering, Bonn/DE

Liver Tumours: primary liver tumour and colorectal metastases: anatomical, functional, monitoring and follow-up imaging – CT and MRI of liver tumours: imaging features before, during and after treatment

Y. Menu, Paris/FR

Pancreatic tumours: anatomical, functional, monitoring, follow-up – Treatment options

S. Alfieri, Rome/IT

Pancreatic tumours: anatomical, functional, monitoring, follow-up – CT and MRI of pancreatic tumours: imaging features before, during and after treatment

R. Manfredi, Verona/IT

Pancreatic tumours: anatomical, functional, monitoring, follow-up – Imaging guided adaptation of treatment: before, during and after

G. Lammering, Bonn/DE

Lung cancer – Lung imaging evidences: anatomical, functional, monitoring, follow-up – Pathways of lung spread and relevant treatment options

D. Zips, Tuebingen/DE

Lung cancer – Lung imaging evidences: anatomical, functional, monitoring, follow-up – Imaging local tumour and nodal spread before, during and after treatment

L. Bonomo, Rome/IT

Lung cancer – Lung imaging evidences: anatomical, functional, monitoring, follow-up – Imaging guided adaption of treatment before and after

U. Nestle, Freiburg/DE

Rectal cancer, tumour extension at primary staging and at response evaluation – Pathways of rectal cancer spread and relevant treatment options

C. Van de Velde, Leiden/NL

Rectal cancer, tumour extension at primary staging and at response evaluation – Imaging local tumour and nodal spread: before, during and after treatment

R. Beets-Tan, Maastricht/NL

Rectal cancer, tumour extension at primary staging and at response evaluation – Imaging guided adaptation: treatment before, during and after

V. Valentini, Rome/IT

Number of participants: 72

Country statistics: Austria 4, Belgium 2, Canada 3, Denmark 2, Finland 2, France 1, Germany 2, Greece 3, Hungary 1, Ireland 1, Italy 17, Malaysia 1, Montenegro 1, Netherlands 2, Norway 4, Poland 3, Portugal 1, Romania 2, Russian Federation 6, Singapore 1, Slovakia 2, Slovenia 1, Spain 1, Switzerland 2, Thailand 1, Turkey 1, Ukraine 1, United Arab Emirates 1, United States of America 3

Visiting Schools and Seminars in Asia

AIMS Advanced Imaging Multimodality Schools and Seminars

The Advanced Imaging Multimodality Schools and Seminars (AIMS) were organised jointly with the Chinese Society of Radiology (CSR) and the Korean Society of Radiology (KSR) and were supported by Bracco.

Advanced Imaging Multimodality Schools in China

Schools are designed to familiarise residents and young radiologists with established approaches and recent achievements in diagnostic imaging, related to topics across the modalities.

The three visits took place in Tianjin, Guangzhou, and Xi'an which attracted a total of 660 Chinese radiologists.

Advanced Imaging Multimodality Seminars in China and Korea

The seminars are aimed at board-certified radiologists and specialists. These are organ- or sub-specialty oriented, focused on the most recent diagnostic advances available and offer ample opportunities to share and exchange scientific knowledge and expertise.

The two seminars took place in Beijing and Seoul, with joint European, Chinese and Korean faculties and attracted 70 Chinese and 80 Korean radiologists, a total of 150 participants.

LEVEL I

AIMS China

Schools on Chest Imaging

Dates and Venues:

April 9, Tianjin/CN (160 participants)
 April 11, Guangzhou/CN (350 participants)
 April 13, Xi'an/CN (150 participants)

Local Chairmen:

Y. Zhang, Tianjin/CN
 B. Liang, Guangzhou/CN
 Y. Huan, Xi'an/CN

Topics and Faculty:

Inflammatory airway disease (COPD, CF, asthma, bronchiectasis)

J. Verschakelen, Brussels/BE

Secondary pulmonary tuberculosis mainly as interstitial changes: CT appearances and diagnostic values

J. Wu, Beijing/CN

Pulmonary nodule: screening, detection, characterisation (CT, MRI, PET)

L. Bonomo, Rome/IT

A new classification of lung adenocarcinoma: what the radiologists need to know

Z. Ye, Tianjin/CN

Imaging and classification of mediastinal masses

J. Vilar, Valencia/ES

CT manifestations of thoracic sarcoidosis

Q. Zeng, Guangzhou/CN

Imaging diagnosis and differential diagnosis of pulmonary infiltrates of lymphoma

Z. Zhao, Guangzhou/CN

Imaging examination scheme and diagnosis of pulmonary embolism

Y. Guo, Xi'an/CN

Sources of diffuse pulmonary nodules and HRCT imaging

R. Wang, Beijing/CN

LEVEL II+III

AIMS China/Korea

Seminars on Abdominal Imaging

Dates and Venues:

July 4, Beijing/CN (70 participants)
 July 6, Seoul/KR (80 participants)

Local Chairmen:

C. Zhou, Beijing/CN
 H.J. Jeon, Seoul/KR

Topics and Faculty:

Functional imaging of the incidental liver lesion

F. Caseiro Alves, Coimbra/PT

CT and MR imaging in fat-containing lesions of the liver

Z. Yang, Beijing/CN

Cystic lesions of the pancreas: detection and characterisation with currently evolved imaging techniques

T. Helmberger, Munich/DE

Kidney MR: from anatomy to function

X. Wang, Beijing/CN

Imaging diagnosis of small intestinal lymphoma

S. Zhang, Hangzhou/CN

MR of rectal cancer: staging and restaging before, during and after treatment

R. Beets-Tan, Maastricht/NL

Low dose CT in the diagnosis of appendicitis

K.H. Lee, Seoul/KR

Update on imaging evaluation of RFA in hepatic tumour

Y.J. Kim, Seoul/KR

Rethink the clinical use of CT colonography:

CT colonography from colorectal surgery point of view

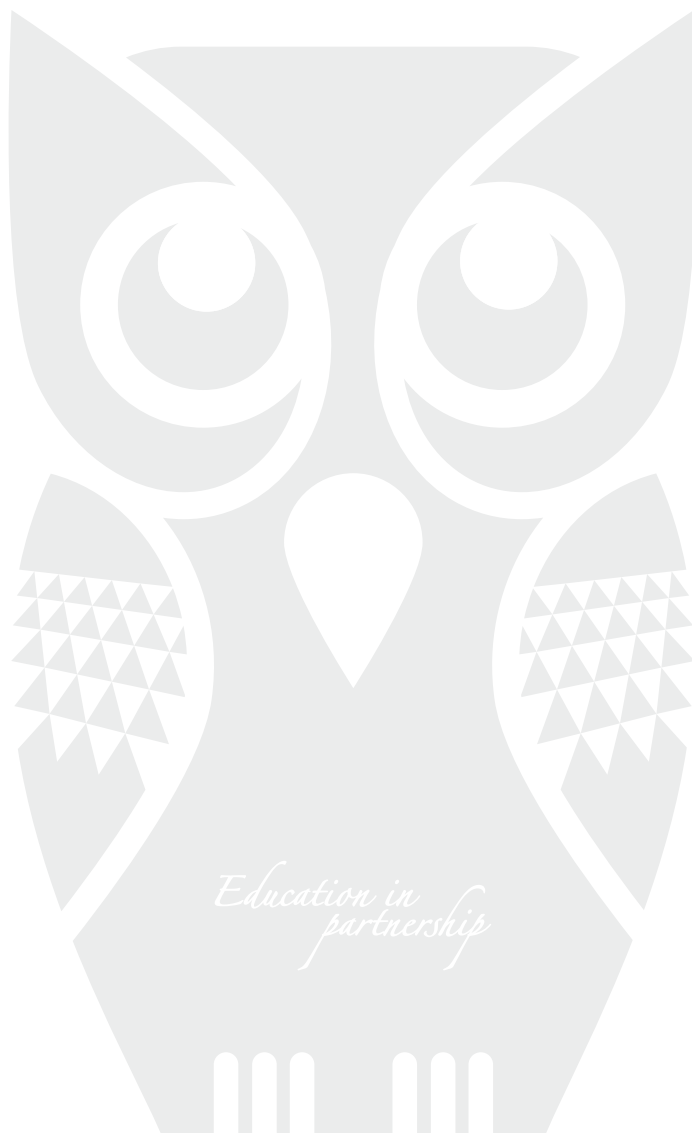
S.H. Park, Seoul/KR

Visiting Seminars in Latin America

AIMS

Advanced Imaging Multimodality Seminars

After a very successful start of the AIMS Seminars in Brazil in 2012, the long-term partnership with Bracco was extended to include two additional new seminars in Latin America dedicated to "Body Oncologic Imaging". This newly introduced feature was realised in Mexico in partnership with the Mexican Federation of Radiology (FRMI) and the Mexican Society of Radiology (SMRI). Both the newly introduced seminars in Mexico as well as the already established seminars in Brazil were aimed at participants from the respective country, in particular last year residents, fellows in oncologic imaging and certified general radiologists or specialists. The seminars in Mexico took place in Mexico City and San Miguel de Allende and were attended by 105 and 75 participants respectively, a total of 180 participants. The AIMS programme in Brazil was dedicated to "Advanced Oncologic Imaging" and was hosted in Porto Alegre and Brasilia with 75 and 85 attendees, summing up to 160 participants.



LEVEL II

AIMS Mexico

Seminars on Body Oncologic Imaging

Dates and Venue:

April 24–25, Mexico City/MX (105 participants)
April 26–27, San Miguel de Allende/MX (75 participants)

Local Organisers:

C. Rodríguez-Treviño, Mexico City/MX
G. González Gamiño, Celaya/MX

Topics and Faculty:

Tumours of the mediastinum

L.F. de Alva-López, Mexico City/MX

Cardiac tumours

E.T. Kimura-Hayama, Mexico City/MX

Diffusion-weighted MRI: pitfalls and challenges in cancer imaging

V. Goh, London/UK

Imaging lung cancer (CT, MRI, PET)

G. Elizondo Riojas, Monterrey/MX

Quantification in liver tumours

L. Marti-Bonmati, Valencia/ES

Common and uncommon appearances of pancreatic tumours

C. Triantopoulou, Athens/GR

Imaging primary malignancies of the small bowel: radiologic-pathologic correlations

N. Gourtsoyannis, Athens/GR

Multiparametric imaging of prostate cancer

H.-P. Schlemmer, Heidelberg/DE

MR imaging characterisation of the indeterminate adnexal mass

R. Forstner, Salzburg/AT

Breast cancer

E. Martínez Menéndez, Merida/MX

LEVEL II+III

AIMS Brazil

Seminars on Advanced Oncologic Imaging

Dates and Venue:

August 22–23, Porto Alegre/BR (75 participants)
August 24–25, Brasilia/BR (85 participants)

Local Organisers:

L. Vedolin, Porto Alegre/BR
L. Costa, Belo Horizonte/BR

Topics and Faculty:

Imaging biomarkers in cancer

C. Matos, Brussels/BE

Contrast media optimisation in abdominal cancer imaging

A. Vanzulli, Milan/IT

CEUS in abdominal oncologic imaging

L. Romanini, Brescia/IT

Modern oncologic reporting: RECIST and tumour and therapy specific modification

C. Stoupis, Maennedorf/CH

Pulmonary nodule: screening, detection and characterisation

G. de Souza Portes Meirelles, São Paulo/BR

Staging of non-small cell lung cancer

M. Buarque de Gusmão Funari, São Paulo/BR

Indeterminate adrenal mass in patients with cancer

R. Reznik, London/UK

Focal liver lesions too small to characterise: what to do

G. Brancatelli, Palermo/IT

Multiparametric imaging of prostate cancer

J. Futterer, Nijmegen/NL

MR imaging in rectal cancer

L. Costa, Belo Horizonte/BR

LEVEL II+III

Visiting Professorship Programme

The Visiting Professorship Programme is another educational activity of ESOR, which was introduced in 2012 for the first time in order to complement and round off ESOR's existing international activities and is therefore aimed at countries outside Europe and across the globe.

In 2013, it was for the second time implemented in China in partnership with the Chinese Society of Radiology through an unrestricted grant from GE Healthcare Medical Diagnostics China.

The five visits in 2013 were directed to and hosted by major radiology departments and academic institutions in China. The programme was designed to be intense, including formal lectures on preselected topics, workshops, interactive discussions and exchange of expertise, all delivered by renowned European teachers

March 22/Shanghai

Huashan Hospital Fudan University
European Faculty: P.M. Parizel, Antwerp/BE
S. Sunaert, Leuven/BE
Chinese Faculty: X. Feng, Shanghai/CN
S. Liu, Shanghai/CN
S. Chu, Shanghai/CN

March 24/Hangzhou

Second Affiliated Hospital, Zhejiang University,
College of Medicine
European Faculty: P.M. Parizel, Antwerp/BE
S. Sunaert, Leuven/BE
Chinese Faculty: M. Zhang, Hangzhou/CN

May 10/Tianjin

Tianjin Medical University Cancer Institute and Hospital
European Faculty: T. Yousry, London/UK
F. Barkhof, Amsterdam/NL
Chinese Faculty: Z. Ye, Tianjin/CN

May 12/Jinan

Shandong Medical Imaging Research Institute
European Faculty: T. Yousry, London/UK
F. Barkhof, Amsterdam/NL
Chinese Faculty: Z. Bin, Jinan/CN
X. Ma, Jinan/CN

May 24/Ningbo

Ningbo First Hospital
European Faculty: L. Marti-Bonmati, Valencia/ES
R. Pozzi Mucelli, Verona/IT
Chinese Faculty: Q. Huang, Ningbo/CN

May 26/Haikou

Hainan General Hospital
European Faculty: L. Marti-Bonmati, Valencia/ES
R. Pozzi Mucelli, Verona/IT
Chinese Faculty: L. Jianjun, Haikou/CN
F. Chen, Haikou/CN

September 6/Guangzhou

Southern Medical University
European Faculty: A. Rossi, Genova/IT
P. Maly Sundgren, Lund/SE
Chinese Faculty: X. Yikai, Guangzhou/CN

September 8/Xi'an

First Affiliated Hospital of Medical College of Xi'an
– Jiaotong University
European Faculty: A. Rossi, Genova/IT
P. Maly Sundgren, Lund/SE
Chinese Faculty: J. Yang, Xi'an/CN

September 20/Wuxi

Wuxi People's Hospital
European Faculty: C. Catalano, Rome/IT
G.P. Krestin, Rotterdam/NL
Chinese Faculty: C. Hongwei, Wuxi/CN

September 22/Hefei

The First Affiliated Hospital of Anhui Medical University
European Faculty: C. Catalano, Rome/IT
G.P. Krestin, Rotterdam/NL
Chinese Faculty: Y. Yu, Hefei/CN

Participants: 20 to 25 academics, head of departments and leading Chinese specialists in each of the visits.

ESMRMB School of MRI

With its motto 'Education in Partnership', the ESR's European School of Radiology (ESOR) has built up a network of quality assured European educational programmes, including a partnership with the School of MRI of the European Society for Magnetic Resonance in Medicine and Biology (ESMRMB), avoiding unnecessary competition and providing better educational opportunities within the radiological community. 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 in small groups in order to intensify the learning experience.

In 2013 eleven School of MRI courses took place, with altogether 698 participants from 49 different countries and it was therefore one of the most successful years in the School of MRI history.

Thanks to the continuing commitment of the organisers and speakers, the ESMRMB held 130 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
Body Diffusion-weighted MR Imaging: From Theory to Practice	Lisbon/PT	April 4–6	52
Clinical fMRI & DTI - Theory and Practice	Rotterdam/NL	May 30–June 1	57
Advanced MR Imaging of the Musculoskeletal System	Malta/MT	July 4–6	65
Advanced MR Imaging in Paediatric Radiology	Graz/AT	September 5–7	64
Advanced Cardiac MR Imaging	Marseille/FR	September 12–14	62
Advanced Head & Neck MR Imaging	Krakow/PL	September 19–21	60
Advanced Neuro Imaging: Diffusion, Perfusion and Spectroscopy	Split/HR	October 17–19	61
Advanced MR Imaging of the Abdomen	Bruges/BE	October 24–26	65
Advanced Breast & Female Pelvis MR Imaging	Barcelona/ES	November 7–9	63
Advanced MR Imaging of the Musculoskeletal System	Bergen/NO	November 7–9	65
Advanced MR Imaging of the Musculoskeletal System (Spanish language)	Bilbao/ES	November 7–9	84

Further Activities

LEVEL I

Tutorial

In 2013 the ESOR Tutorial was organised by the University Hospital Motol in Prague under the chairmanship of Prof. M. Roček and supported by an unrestricted grant of GE Healthcare Nycomed. The tutorial comprised lectures on a variety of topics covering modern diagnostic and interventional radiology and included also mentored hands-on workshops in ultrasound CT and MRI. Traditionally, the tutorial aimed to radiologists from Russia, Ukraine and Kazakhstan. In total the two-week programme was attended by 16 participants.

LEVEL I+II

Online courses

The ESOR Online Courses have the goal to offer radiologists high-quality teaching from home. In these courses e-learning content in the form of recorded lectures with presentation material is provided. Five ESOR GALEN Foundation courses on the topics abdominal, chest/cardiovascular, paediatric, oncologic and breast radiology were offered during the year 2013. Access to all ESOR Online Courses could be purchased for a simple fee: EUR 10,- (for ESR members) or EUR 20,- (for non-members), granting access to the courses for 4 weeks. More than 360 persons accessed the courses in 2013.

LEVEL II+III

Partnership with the European Society of Neuroradiology

The ESNR and its European Courses on Neuroradiology (ECNR) continued its 12th cycle with a course held in spring on CNS Tumours with 241 participants from 41 countries. The autumn ECNR course (12th cycle) on Vascular Diseases attracted 279 attendees from 49 countries.

Visiting Scholarship Programmes/ Exchange Programmes for Fellowships

LEVEL II

Visiting Scholarship Programmes

Over the last seven years more than 1105 residents have applied for the ESOR Visiting Scholarship Programme, which emphasises the appeal of this rewarding programme among residents. In 2013, 37 places were available in Europe with the support of Bracco, the ESR and the Spanish Foundation of Radiology.

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 Jo Li Trust.

In total more than 225 residents have applied for the various programmes.

LEVEL III

Exchange Programmes for Fellowships

In partnership with the European subspecialty societies, 28 junior radiologists had the possibility to pass modular training in their chosen subspecialty. The programmes included abdominal imaging (ESGAR – seven trainees), breast imaging (EUSOBI – two trainees), cardiac imaging (ESCR – two trainees), head and neck imaging (ESHNR – three trainees), musculoskeletal imaging (ESSR – two trainees), neuroradiology (ESNR – five trainees), paediatric imaging (ESPR – four trainees) and thoracic imaging (ESTI – three trainees). In total over 80 young radiologists applied for the various topics.

These exchange programmes for fellowships, which last for only three months, are considered instrumental to the creation of proper, longer term subspecialty fellowships in radiology throughout Europe, which are structured around training and mentoring.

Additionally, the Memorial Sloan-Kettering Cancer Center (MSKCC) in New York supported two fellows by offering a six-months training programme on breast imaging.

To that end a special word of thanks is due to the highly esteemed academic training centres and tutors, who have supported ESOR's endeavours.

Visiting Scholarship Programmes

My experience



Oshaani Abeyakoon

Kings College Hospital, London/United Kingdom

Topic: Breast Imaging

Training Centre: Medical University of Vienna, Vienna/Austria

I am very grateful to ESOR, Professor Pinker-Domenig, Professor Helbich and Professor Herold for the exceptional opportunity to study breast imaging at the Medical University of Vienna. During these three months I was given the opportunity to participate in all activities within the department. This included clinical, educational and scientific work. I was made to feel welcome, encouraged and mentored by all members of staff. They not only included me in all resident training sessions, I was taken to all the academic events related to my subspecialty interest in Europe. My tutor was exceptional, creating a schedule for me that was both stimulating and inspiring. It helped me grow and gain confidence not only in radiology but also as a human being. The ESOR scholarship has been the highlight of my career to date, an amazing educational experience. Thank you.



Marijana Antic

Universitaire Ziekenhuis Brussels, Jette/Belgium

Topic: Breast Imaging

Training Centre: King's College Hospital Foundation Trust, London/United Kingdom

I have had the chance to spend an incredible three-month training period at the Breast Imaging Department at King's College Hospital in London. The ESOR Visiting Scholarship Programme gave me a unique opportunity to improve my knowledge in the field of breast imaging. The highly qualified staff and its state-of-the-art equipment provided an excellent setting to learn. I was warmly welcomed to become part of the breast team by the entire faculty and fellows. I actively participated in all the activities of the department including screening, MRI, image guided biopsies and preoperative breast marking, multidisciplinary meetings and teaching sessions. This scholarship provided me with an excellent educational experience which I greatly appreciate. I would like to express my gratitude to all the staff of the Breast Imaging Department and I am really grateful to the European Society for this great and useful experience.



Ivana Blazica

Clinical Centre Zemun, Belgrade/Serbia
Topic: Abdominal Imaging
Training Centre: University Hospital of Antwerp/Belgium

Spending three months as a scholar of ESOR Visiting Scholarship Programme at the University Hospital of Antwerp certainly was one of the best professional experiences I have ever had. Attending daily lectures and tutorials, discussing cases of the spoken topic and analysing the most interesting daily cases, participating in radiology staff member meetings and multidisciplinary oncologic meetings, I gained even more than I expected, primarily due to the devotion of my tutor Dr. Op de Beeck, an outstanding radiologist and excellent educator. This internship was an enriching experience which completely fulfilled my expectations and significantly improved my knowledge in the field of abdominal radiology. Finally, concerning all the above, I would like to make an acknowledgement to ESOR for promoting the education of young persons involved in radiology, to thank the University Hospital of Antwerp as well as the members of the radiology department for being great hosts. I also want to express my gratitude to the head of department Professor Parizel and my tutor Dr. Op de Beeck for helping me make a great advancement in my education and career.



Luke Bonello

Maggiore Policlinico, Mangiagalli e Regina Elena, Milan/Italy
Topic: Abdominal Imaging
Training Centre: Case Western Reserve University, Cleveland/United States

My 3-month stay at University Hospitals Case Western Reserve University in Cleveland was a fantastic experience which I recommend to any resident. The Chairman of the Radiology Department, Dr. Pablo Ros, welcomed me in his department and made me feel at home during my visit in the Abdominal Imaging department. I was able to follow a vast number of examinations using all modalities (X-ray, Ultrasound, CT, MRI, PET-MRI) for varied abdominal pathologies, as well as attend regular tutorials, lessons and multi-disciplinary team meetings. The teaching was of the highest standards, and it was great fun to work with everyone.



Marta Bury

Wojewódzkie Centrum Szpitalne Kotliny Jeleniogórskiej (WCSKJ), Jelenia Góra/Poland
Topic: Oncologic Imaging
Training Centre: Memorial Sloan-Kettering Cancer Center, New York/United States

Coming to such a renowned place as Memorial Sloan-Kettering Cancer Center (MSKCC) opened totally different perspectives for me. I could see how big research programmes are prepared and held. Moreover, I took part in one of them. I was able to observe daily work of attendants and fellows from all over the world. As I stressed that clinical aspects are more important to me than the research itself, the training plan was tailored to my needs and special interests. All MSKCC staff, starting from Dr. Hricak and Dr. Panicek, attendants (just to name my Body MRI Mentor – Dr. Vargas and Head and Neck MRI Supervisor – Dr. Stambuk) did their best to fulfill my expectations and not only did they provide me with a good understanding of MRI protocols, but also taught me practical things, gave many tips & tricks on how to deal with and read MR body exams. Special thanks to the group of musculoskeletal radiologists: Dr. Panicek, Dr. Hwang and Dr. Lefkowitz – always willing to explain even really difficult issues in a simple way. All the Fellows and other Scholars from all over the world made my stay, both in MSKCC and outside, so unforgettable! I will miss the multidisciplinary meetings, bright and sincere discussions during many of them, great guests from all over the world giving even more extraordinary lectures – in one word – the great possibilities that were offered to me! Thank you ESOR!



Nadežda Bystrická

National Cancer Institute, Bratislava/Slovakia

Topic: Chest Imaging

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

The ESOR Visiting Scholarship Programme was a wonderful opportunity for me to expand my theoretical knowledge and practical skills in the field of thoracic imaging. During my three month stay at Policlinico Universitario "Agostino Gemelli" I participated in the daily routine work at the radiology department, I attended multi-disciplinary team meetings and teaching sessions and studied an extensive chest radiology teaching file. I was fortunate to be mentored by Professor Anna Rita Larici – a highly qualified chest radiologist and an excellent lecturer, who was always willing to answer my questions and share her experience and knowledge with me. I would like to express my sincere gratitude to ESOR, Professor Lorenzo Bonomo and his team of radiologists for this unforgettable experience. I definitely recommend and encourage every radiology resident to apply for ESOR scholarships.



Marco Cañete

Fundación Jiménez Díaz, Madrid/Spain

Topic: Musculoskeletal Radiology

Training Centre: King's College Hospital Foundation Trust, London/United Kingdom

I had a great time and it was a wonderful experience. I had the chance to learn a lot of musculoskeletal radiology, and more importantly, to see the differences in the management and environment of another hospital and country. I made a lot of friends, got to know a lot of people, learned a lot, and enjoyed it very much. As benefits I learned a lot of techniques that are not applied in my home country. Thank you very much for this opportunity.



Filippo Caporilli Razza

Ospedale Sant'Andrea, Università di Medicina e Psicologia "La Sapienza", Rome/Italy

Topic: Musculoskeletal Radiology

Training Centre: Case Western Reserve University, Cleveland/United States

ESOR gave me an incredible chance offering me this scholarship in musculoskeletal imaging to be spent at the University Hospital of Cleveland - Case Western Reserve University. It has been a real privilege to attend this important educational and working experience in such a highly qualified centre. The daily commitment was intense and divided into various activities: reporting sessions, US or CT-guided biopsies, multidisciplinary conferences and lectures. Participating in the daily work gave me a wider view of the clinical problems and patient management. I optimised my skills in becoming more confident and competent in reporting and making indications to physicians and surgeons. I am very grateful to my tutor Dr. Mark Robbin and his team, including Dr. Peter Young, Dr. Christos Kosmas, and the two MSK fellows, Dr. Micah Nielsen and Dr. Daniel Riherd who have shared their professional knowledge with me, and for their excellent teaching skills. Moreover, I would like to sincerely thank Prof. Nicholas Gourtsoyiannis, ESR and ESOR who with this scholarship programme encourage us to continuously improve by building better skills. A special thanks to Prof. Pablo Ros for his farsighted vision that has made this possible.



Melvin D'Anastasi

University Hospitals Munich - Campus Grosshadern, Munich/Germany

Topic: Oncologic Imaging

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

I have had the privilege of spending three months at the Memorial Sloan-Kettering Cancer Center (MSKCC) in New York after obtaining the ESOR Autumn Scholarship in Oncologic Imaging at this renowned institution. Right from my arrival I was made to feel very welcome by all the staff. I was lucky to have Dr. Hricak, Dr. Panicek and Dr. Sala as my tutors. I was given the opportunity to expand my knowledge of oncologic imaging by participating in the activities of the department, including observing clinical work in various sections (CT, PET-CT, MRI), attending state-of-the-art lectures, weekly research meetings and clinical conferences and disease management meetings for several subspecialties. I was also involved in a number of research projects, which helped to build upon my knowledge of gynaecologic and musculoskeletal imaging. This was a memorable and enriching experience - I am grateful to ESOR and to MSKCC for having made this possible.



Costantino Del Giudice

Policlinico Tor Vergata, Rome/Italy

Topic: Neuroradiology

Training Centre: Inselspital, University of Bern/Switzerland

I think that my ESOR scholarship at the Inselspital in Bern was a wonderful experience that signed an important step in my training. Inselspital Neurocentrum is a leading site for Neuroradiology and everything is so well organised that efficiency is over the top. Prof. Schrott, Prof. Gralla, Dr. Zubler, Dr. Mordasini and Dr. Hsieh and all the staff shared their passion and massive knowledge with me every day, making me feel deeply enriched in my understanding of neuroimaging day by day. I was immediately involved in all kind of clinical activities and also in additional learning opportunities like multidisciplinary meetings with clinicians and surgeons. I had the opportunity to follow the patients from diagnostic imaging, through endovascular treatment, to the follow-up. I was introduced to the team, with the possibility to participate in some researches, improving my skills in writing scientific papers. My scholarship gave me the great chance to improve my knowledge in neuroimaging and last but not least, this was a unique opportunity to experience the Swiss culture, interact with its wonderful people and make some great friends. Thanks a lot to ESOR for this chance.



Bakhyt Duisenbayeva

National Research Cardiac Surgery, Astana/Kazakhstan

Topic: Cardiac Imaging

Training Centre: Betsi Cadwaladr University Health Board, Gwynedd/United Kingdom

I am very grateful to the God, my fate and you for the given opportunity to participate in this superb project. Prof. M. Rees and his staff created all necessary conditions for the most fruitful study of cardiovascular images. The most up-to-date equipment was at our disposal - 64 slice CT and 1.5T MRI which we were taught to work with, i.e. all protocols were shown to us required for examination of patients with various heart and vessel diseases. We were familiarised with the tactics of patients' examination. Explanations were given on advantages and disadvantages of various contrast mediums. During the project I was lucky to become a student of the course on cardiovascular researches which was very useful. The study during these two months helped me to understand radiology properly. I acquired valuable knowledge and experience. I understood how many new and interesting things there are in our profession which I could not have known before because we have only one CT Definition AS 64 and one MRI-1.5T Avanta for our whole region with a population of 1 mln., which restricts diagnostics possibilities. But owing to your project I understood what I should seek, and I promise to do my best to improve radiology in our region. It is necessary for the radiological improvement in all countries especially the country like ours, where this science is only beginning to develop. I would like very much to continue improving my knowledge acquired in Bangor and to become a participant of annual conferences for radiologists, as this is an excellent opportunity to get acquainted and communicate with leading and beginning specialists. I express my great gratitude to the project organisers, to the radiology department at Betsi Cadwaladr University in the name of Prof. M. Rees and to you personally.



Xiang-Ming Fang

Wuxi People's Hospital, Wuxi/China

Topic: Abdominal Imaging

Training Centre: Hôpital Beaujon, Clichy/France

I, a Chinese senior doctor coming from Wuxi people's hospital affiliated to NanJing Medical University, have fulfilled a three-month Visiting Professorship Programme focused on abdominal imaging at Hospital Beaujon in Paris. I have seen many clinical cases of liver, gallbladder, pancreas, intestinal, etc. and also met some cases which are rare diseases in China. I attended grand staff, listened to lectures, trained skills of analysing cases in every weekday. I followed senior doctors to participate in clinical rounds, which involved the gastrointestinal tract, pancreas, liver, etc. I also visited and studied some special abdominal CT and MR scan technique, liver biopsy and interventional treatment. I have greatly benefited in three months that particularly improved my comprehension of abdominal imaging.



Zhija Fang

West China Hospital Sichuan University, Chengdu City/China

Topic: Hepatobiliary Imaging

Training Centre: Queen Elizabeth Medical Centre, Birmingham/United Kingdom

The ESOR Jo Li Visiting Scholarship Programme gave me a fruitful chance of being trained in abdominal radiology for three months at Queen Elizabeth Hospital in Birmingham. Many thanks to my tutor, Dr. Julie Olliff and Dr. Simon Olliff for helping me make a structured and comprehensive training plan so that I could major in hepatobiliary imaging while acquainting myself with associated subspecialties. Becoming a member of the abdominal team I took parts in the daily work, multidisciplinary team meetings, discrepancy meetings, case discussions, teachings and lectures. Going through patient's clinical history, imaging, pathology, therapy and prognosis, I could combine theory with practice more closely. Through this wonderful experience, I have benefited not only from the interesting cases, advanced imaging protocols, efficient work flows and inter-department collaborations, but furthermore from the attitude and the methodology of being an excellent professional radiologist, which will be more helpful in my future career. Also, the advanced medical system in UK left me deeply impressed. I would like to share my feelings and experiences with my Chinese colleagues.



Daniel Gaete Díaz

Clínica Alemana de Santiago, La Reina/Chile

Topic: Abdominal Imaging

Training Centre: Hospital Clinic, Barcelona/Spain

First of all, I am very grateful for this opportunity the ESOR Visiting Scholarship Programme and Hospital Clinic of Barcelona gave me. I spent three months in the Department of Abdominal Imaging in the Hospital Clinic, where I had the opportunity to meet a different working and socio-cultural reality. This department, I believe is one of the most advanced in the field of hepatobiliary and pancreatic diseases, working with the best technology available, doing research and most importantly, managing a lot of updated information. In this scenario, I was very well received by professors and residents, making my stay very pleasant and allowing me to get involved in the different activities of the department (multidisciplinary meetings, training sessions with other residents) and daily routine, which consisted of reporting MRIs and CTs, which were later reviewed by the tutors. I would like to thank all the radiologists of the department, but especially to Professor JR. Ayuso and M. Pages, with whom I spent most of the time and who shared with me their time and knowledge.



Claudia Godi

San Raffaele Hospital, Milan/Italy

Topic: Neuroradiology

Training Centre: National Hospital for Neurology & Neurosurgery, London/United Kingdom

The period I have spent at the National Hospital for Neurology and Neurosurgery/UCL Institute of Neurology in London was one of the best I have had in my career so far. Every day there were many interesting meetings taking place within the hospital, involving the neuroradiologists, neurosurgeons and neurologists on different topics. Some of them were tailored for educational purposes and particularly useful. I had the privilege to spend time shadowing the consultants in their daily routine, reporting and discussing some common and extremely rare cases present to this centre of excellence. I also enjoyed attending the neuro-interventional facilities on a weekly basis. Overall there was a great commitment to research around Queen Square, with plenty of seminars and lectures across the UCL campus. Also, I cannot forget the beautiful people and friends I met there and how much they contributed to my professional and personal growth.



Yi Hu

Shengjing Hospital, Shenyang/China

Topic: Abdominal/Emergency Radiology

Training Centre: Ludwig-Maximilians University, Munich/Germany

During this twelve-week training from March to May 2013, I was arranged to rotate from CT to PET-CT and then to MRI group, majoring in abdominal radiology. I learned 8-10 clinical cases every day, mainly by myself, with interpretation from some doctors or with the reference of information from the internet. During clinical practice there, I got some useful information: About making diagnoses, I reviewed common diseases and also learned some typical signs of some rare diseases. About modalities, I got to know the use of some advanced functional imaging techniques, including CT-perfusion scan, MR-DWI, etc. I also got some knowledge about some new contrast agents for special organs or diseases.



Kleanthi Kalogerakou

General Hospital of Athens "G.Gennimatas", Athens/Greece

Topic: Paediatric Radiology

Training Centre: King's College Hospital Foundation Trust, London/United Kingdom

I have had the honour to be one of the ESOR scholars to attend three months of paediatric radiology training at King's College Hospital in London. Working in the largest liver transplantation centre in Europe and level 1 trauma hospital in London as well as living in one of the most fascinating cities of the world, has made this three month period an unforgettable and really fruitful experience for me, both as a doctor and as a citizen of the world. I would like to thank the paediatric consultants Dr. Sellars, Dr. Allen and especially Dr. Deganello and Prof. Sidhu, for sharing their radiological knowledge with me specifically on the novel application of contrast enhanced ultrasound (CEUS) in paediatric patients. I would also like to thank all the members of the radiology department and especially the residents for making me feel so welcome. Last but not least, I am really grateful to ESOR for making a dream come true!



Georgios Kapsas

University Hospital of Alexandroupolis/Greece
Topic: Neuroradiology
Training Centre: Maggiore Bellaria Hospital, Bologna/Italy

First of all I would like to express my gratitude to the ESOR Committee for awarding me with a three-month scholarship in Neuroradiology, at Bellaria Hospital in Bologna. It has been a privilege and a great educational experience to work with my tutor Prof. Leonardi and his excellent colleagues. During my stay there, I had the opportunity to familiarise myself with the newer techniques in Neuroradiology, to investigate interesting and complicated cases and most importantly, to adopt a methodical way of thinking in order to reach the correct diagnosis. The specialists and the residents made me feel part of the team and were always keen to share their knowledge with me. I would especially like to thank Dr. Toni, Dr. Bacci and Dr. Cirillo for all the interesting cases and educational stimuli they provided. Overall, the educational experience surpassed by far my expectations, and strengthened my decision to pursue a career in Neuroradiology. I would like to thank ESOR/ESR for the titanic effort to organise and sponsor the Visiting Scholarship Programme. I strongly encourage other trainees to participate in this life changing experience.



Ekaterina Kasatkina

Federal Center of Medicine and Rehabilitation, Moscow/Russia
Topic: Oncologic Imaging
Training Centre: Heidelberg University Medical Center And German Cancer Research Center, Heidelberg/Germany

The ESOR Visiting Scholarship at the Radiology Department of Heidelberg University Medical Center and German Cancer Research Center was an outstanding opportunity for me to expand my knowledge and experience in Oncologic Imaging. I was fully involved in all activities of the Department including case reporting, reading sessions with other residents, as well as attending multidisciplinary meetings and educational lectures at the University Clinic. I would like to express my heartfelt gratitude to Prof. Hans-Ulrich Kauczor, Prof. Heinz-Peter Schlemmer and Prof. Lars Grenacher who made me feel, even for a short while, like part of their outstanding team of professionals and provided a very comfortable atmosphere. Thanks to Prof. Grenacher I was involved in a research project on pancreatic imaging and inspired to continue it later on. Furthermore, I would like to thank all other radiologists and co-workers at the department who readily shared their knowledge and experience with me and were very kind to me throughout my training period that passed almost imperceptibly. I'm particularly grateful to ESOR for giving me this unique highlight in the beginning of my professional career and a great chance to broaden my horizon both on personal and professional level. I would strongly encourage all other radiology trainees to take a chance and to apply for such an unforgettable experience!



Anand Kirwadi

Northern General Hospital, Sheffield/United Kingdom
Topic: Musculoskeletal Imaging
Training Centre: Heidelberg University Medical Center And German Cancer Research Center, Heidelberg/Germany

It was a huge honour and privilege to spend three months of my Visiting Scholarship in the Musculoskeletal Radiology section at the University Hospital of Heidelberg. I had excellent exposure to various facets of musculoskeletal imaging including sports injuries and the state-of-the-art tumour, spine and cartilage imaging at 3T MRI. Also, I had the possibility to attend 7T MRI and PET/MRI examinations at the nearby German Cancer Research Centre. I also had ample opportunities to take part in the research and educational activities. Overall, it was an excellent educational experience and I am really grateful to Prof. M.- A. Weber and Dr. C. Rehnitz for providing me with a very high level of teaching and training. I would like to extend my special thanks to all the radiology residents and staff members for taking care of me and making my stay a very memorable one.



Miguel Andrés Lemus Rosales

Hospital Universitari de Bellvitge, Hospitalet de Llobregat/Spain

Topic: Neuroradiology

Training Centre: Addenbrooke's Hospital, Cambridge/United Kingdom

The ESOR Scholarship Programme has been an enriching experience as it has given me the opportunity to broaden my knowledge in neuroradiology. During three months I attended multidisciplinary meetings, training sessions and learned from the different challenging cases reviewed in everyday practice. From the start I was treated as part of the neuroradiology team, for which I am very thankful to all of the consultants and fellows, who despite their busy schedule were always willing to share their knowledge and experience with me. I would also like to express my gratitude to the ESR/ESOR and especially the Spanish Foundation of Radiology for making this experience possible. Undoubtedly, this has been one of the most nourishing experiences of my academic career, which has definitely enhanced my radiological skills and ultimately will also improve the care I will offer patients.



Sarah Marques Llano

University Hospital Marques de Valdecilla, Cantabria/Spain

Topic: Abdominal Imaging

Training Centre: Group Hospitalier Paris Saint-Joseph/France

I am very grateful to ESR and ESOR for awarding me this three-month scholarship at the Radiology Department of the "Group Hospitalier Paris Saint-Joseph", Paris, France. It has been a privilege and an excellent educational opportunity to work with my tutor, Dr. M. Zins and his exceptional colleagues. The "Group Hospitalier Paris Saint-Joseph" is one of the reference centers in abdominal imaging of Paris. This allowed me to see numerous cases of great interest in different imaging modalities (ultrasound, CT and MR), as well as several interventional procedures. I am sure this experience will significantly influence my future choices and my work.



Pietro Lodise

Umberto I Hospital, Rome/Italy

Topic: Oncologic Imaging

Training Centre: University Hospital Basel/Switzerland

My ESOR Scholarship in Switzerland has been an amazing and wonderful experience. The University Hospital Basel is one of the most famous Oncology Centers in Europe and in the world. I'm really grateful because having the chance to discuss clinical cases and research projects every week together with my tutor Prof. Georg Bongartz and the entire staff of AOD section (Abdominal und Oncologic Diagnostics) has been like going inside a brand new exciting and challenging reality. Since the very first day I was introduced to all the medical staff, the residents and the research fellows. During my three months I had the opportunity to observe their clinical activity in MRI, CT and PET/CT sections, appreciating their extraordinary organisation and knowledge. The working environment in the Radiology Department is simply amazing and it reflects its position in the heart of Europe, providing so many radiologists from all over the world with an opportunity to express the best of themselves. Thanks to the extraordinary open mind of Prof. Georg Bongartz I received a huge quantity of learning input, such as research meetings, conferences, as well as faculty members' lectures and journal club. It was wonderful and rewarding to be part of a research project under the supervision of Prof. Georg Bongartz and his research team. Thanks to this experience I have seriously grown up in my radiological knowledge and I have acquired new skills in oncologic imaging. I am sure this experience will significantly influence my future choices and my work. I have no other words to express my gratitude: Vielen Dank!



Linda Metaxa

AHEPA University Hospital, Salonica/Greece

Topic: Breast Imaging

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

When I was informed about the existence of the ESOR scholarships and the opportunities they provide to young radiologists to attend highly qualified centers and discuss medical cases with well-known specialised radiologists, I could not believe that one day I would have the chance to experience it on my own. And it is truly a great honour, especially when you are in such a worldwide famous hospital, as Saint Bartholomew's Hospital (Barts) is, in London. From the very first moment, my mentor Dr. Suaris informed me about everything. She helped me with the accommodation, introduced me to the staff of the clinic and showed me around the facilities. All the team really took me in and made me feel welcome and part of the community. During my stay I had the chance to attend breast clinics, follow screening mammographies, MRI scans, FNA, core/stereo/MRI and vacuum biopsies and generally procedures that were not familiar to me in my country. I attended multi-disciplinary meetings thus having the possibility to listen to interesting opinions about difficult and controversial cases. I benefited greatly from discussing interesting cases with my mentor and other experienced radiologists as Dr. Dilks P. and Dr. Gilardi C. and also had the privilege to be involved in some educational projects. The fact that I had unlimited access to the pacs systems of the NHS (and for that I really want to express my deep gratitude to Dr. Suaris for all her support and help) was so useful as I could study previous cases on my own, check my knowledge and my weakness and take advantage of my free time during the evenings. I can truly say that this period spent at Barts has been the best of my resident years in radiology. Many thanks to ESOR for this major opportunity they gave me to expand and enrich my knowledge in Breast Imaging.



Tiago Nóbrega Morato

Hospital Universitário de Brasília/Brazil

Topic: Cardio-thoracic radiology

Training Centre: King's College Hospital, London/United Kingdom

The ESOR Visiting Scholarship Programme at the Radiology Department of King's College Hospital has been an excellent chance to improve my knowledge in cardio-thoracic radiology. During my weeks of training I've been exposed to a large number of exam interpretation sessions, high-level meetings on interstitial lung disease and lung cancer, and had the chance to see some biopsies and discuss cases with acknowledged respiratory physicians and cardiologists. The team was all very welcoming, especially Dr. Sujal Desai (my tutor), from whom I learned an awful lot. I'd like to thank all of King's College Hospital department staff for the opportunity, as well as ESR and ESOR for organising such a wonderful training programme.



Ana Moreno Pastor

Morales Meseguer Hospital, Murcia/Spain

Topic: Cardiac Imaging

Training Centre: University Hospital Southampton NHS Trust, Southampton/United Kingdom

The ESOR Visiting Scholarship Programme in Cardiothoracic Radiology at the University Hospital of Southampton has given me a great opportunity to improve my knowledge and skills in cardiac imaging. For three months, I have participated in the daily work of the department and I have gotten experience in acquisition and evaluation of cardiac MR and coronary CT-angiography examinations. I have been extremely lucky to work with a group of highly professional radiologists. I would like to express my gratitude to Dr. Peebles, my tutor, and all other staff members (especially Dr. Shambrook), who have shared with me their time and their radiological knowledge. I am very grateful to SERAM and ESOR for giving me this fulfilling experience.



Giulia Perucca

ASO San Giovanni Battista, Torino/Italy
Topic: Paediatric Radiology
Training Centre: Chu De Montpellier - Gui De Chauliac, Montpellier/France

It was a great privilege to spend three months in the Neuroradiology Department at the University Hospital of Montpellier, under the supervision of my tutor, Dr. Nicolas Leboucq. The training, focused on Paediatric Neuroradiology, allowed me to acquire a broad background in this very peculiar field, to get accustomed to advanced imaging modalities, attend multidisciplinary meetings and seminars and, moreover, to take an active part in scientific projects. My expectations were far exceeded, both for the quality of the training, and for the dedicated commitment and constant encouragement of my tutor, to whom I would like to express my sincere gratitude. I would also like to acknowledge the whole neuroradiology staff for their warm welcome and attention, and to thank Prof. Bonafé for investing in my radiological education. It was a precious professional and personal opportunity.



Magdalena Sylwia Posadzy

Orthopaedic and Rehabilitation Dega University Hospital, Poznan/Poland
Topic: Musculoskeletal Imaging
Training Centre: University Hospital of Strasbourg/France

The ESOR Musculoskeletal Visiting Scholarship in the Interventional Department at Nouveau Hospital Civil in Strasbourg, France has been an unforgettable experience and a great opportunity to make remarkable progress in my radiology career. It gave me much more than I ever expected. In one of the most famous and very well organised and equipped Interventional Centres in the world, I have observed and participated in extremely interesting procedures under CT, MRI, Fluoroscopic and ultrasound guidance in the field of MSK and oncology. Professor A. Gangi with his very professional team of doctors and technicians welcomed me very warmly, each day I discovered this fascinating radiology discipline in a friendly atmosphere. They all are excellent teachers always ready to help and answer questions. I received a solid basic understanding of cutting-edge techniques such as MR-guided and CT-guided Cryotherapy, Radiofrequency/Laser ablations. I would like to also express my gratitude to Dr. M. Morel and Dr J. Jeantroux for sharing with me their immense knowledge and Dr. G. Bierry from Hautepierre Hospital in Strasbourg with his team for enabling me to join their meetings and showing me many interesting diagnostic MSK cases. Finally, I would like to extend my thanks to ESOR for making this great learning experience possible.



Michael Quentin

University of Duesseldorf/Germany
Topic: Urogenital Radiology
Training Centre: Medical University of Innsbruck /Austria

From October to December 2013 the ESOR Visiting Scholarship Programme gave me the opportunity to stay at the radiology department of the University Hospital Innsbruck in Austria (Head of Department Professor Jäschke) for a Visiting Scholarship on Genitourinary Imaging. I am very thankful to my mentors PD Dr. Aigner and Dr. Junker for making it an educational and unforgettable experience. With the scholarship I was able to expand my clinical knowledge in this speciality. I was fully involved in all the activities of the department and even could participate in clinical research. I am very grateful to ESOR for this unique experience and I can strongly recommend this programme to all young radiologists.



Abdul Raouf

Aga Khan University Hospital, Karachi/Pakistan

Topic: Musculoskeletal Imaging

Training Centre: Addenbrooke 's Hospital, Cambridge/United Kingdom

I got a wonderful opportunity to have a three month training in MSK radiology at Addenbrooke 's Hospital. I would like to express my gratitude to the MSK team at the hospital. My tutors Dr. Melanie Hopper and Dr. Philip Bearcroft were not only excellent teachers but also wonderful hosts. I really had a great time with them. It was an extraordinary educational experience at the hospital. I got a chance to observe different aspects of MSK radiology especially its interventional aspects. It involved rotation in USG, CT and MRI modalities. I was able to participate in the multi-disciplinary meetings. Addenbrooke 's Hospital is a regional centre for Sarcoma management. So I got a chance to observe the system of centralised multi-disciplinary management of a disease entity closely. Overall it was a great experience and definitely improved my skills in MSK radiology. I am very grateful to ESOR for providing me with this opportunity. It is indeed a great initiative on part of the school to enhance the skills of radiology trainees from all over the world. It surely is a significant step in improving the quality of radiology training specifically, and the patient care in general.



Iffat Rehman

Shaukat Khanum Memorial Cancer Hospital & Research Center, Lahore/Pakistan

Topic: Emergency Radiology

Training Centre: Mater Misericordiae Hospital, Dublin/Ireland

The Emergency Radiology training at the esteemed Mater Hospital was like getting a new family from the front desk staff, radiographers, and residents to the very gracious consultants who were masters in their subspecialties. I'm especially thankful to my tutor Dr. Peter MacMahon for his kind interactive teaching of imaging indications, protocols and interpretation; to Dr. Martin O'Connell (Head of Department) for his special interest in my learning and allowing me to get around all areas in the department and to all the other consultants who shared their great knowledge and made it an unforgettable experience. I worked with residents for reporting and teaching sessions, attended multidisciplinary meetings and conferences whetting my desire to learn more. I also got the opportunity to do some research. I'm extremely grateful to ESOR for providing me with this grand opportunity which became a cornerstone of my career.



Irina Rjabceva

Riga East Clinical University Hospital, Riga/Latvia

Topic: Cardiac Imaging

Training Centre: University Of Leipzig - Heart Centre, Leipzig/Germany

My ESOR scholarship on cardiac imaging at the Heart Centre University of Leipzig started on 01.10.2013 and was an incredible experience. I was able to learn how to perform reports of cardiac MRI, cardiac CT and cardiovascular studies, preoperative aortic valve assessment. I also had the opportunity to learn the acquisition and study of many cardiac MRI cases such as cardiomyopathy, myocardial infarction, myocarditis, ARVC and congenital heart diseases. I have participated in multidisciplinary meetings, teaching sessions and I could learn from the CT and MRI archive. This scholarship was profitable from both professional and personal point of view. I have improved my skills in cardiovascular imaging in an excellent hospital with a high professional level and a great team. They made me feel like a member of the team. Living in Leipzig and having the opportunity to get to know the different culture was a great experience for me. I would like to thank ESOR and Prof. Matthias Gutberlet and his team for making this amazing experience possible.



Célia Margarida Simões Antunes

Centro Hospitalar e Universitário de Coimbra, Coimbra/Portugal

Topic: Abdominal Imaging

Training Centre: Groupe Hospitalier – Pitié Salpêtrière et Charles Foix, Paris/France

During three months, I had the honour and pleasure of being in training with Professor Olivier Lucidarme and his “Abdominal Team” in the Pitié-Salpêtrière Hospital in Paris. I would like to thank the European School of Radiology (ESOR) for providing financial support, thus enabling me to construct a more fertile learning environment and a more rewarding learning experience for my tomorrow’s requirements. During this period I was able to report and deeply discuss abdominal Ultrasound, CT and MRI examinations with my mentor and other experienced radiologists. I also attended multidisciplinary meetings, with several medical and surgical specialities, teaching sessions and research seminars, helping me to become a better and more knowledgeable radiologist. Last but not least, I highly recommend this programme to anyone who wants to improve their academic, clinical and research knowledge in radiology.



Antonio Solazzo

Second University of Naples, Bisaccia/Italy

Topic: Chest Imaging

Training Centre: Hospital Clinic of Barcelona/Spain

I was very pleased to have had the opportunity through the ESOR scholarship to expand my knowledge of chest imaging at Hospital Clínic de Barcelona, in a radiology department which is very well organised and up to date. I would like to thank in particular Dr. Sanchez and Dr. Arguis for their time and excellent teaching. I was fully involved in all the residents’ activities, including reporting, academic lectures, interdisciplinary meetings and daily teaching sessions, not only in chest imaging. I have also been involved in pulmonary interventional radiology and advanced chest imaging such as dual-energy applications related to pulmonary embolism and perfusion applications related to lung cancer. I think that ESOR scholarships are excellent in providing radiologists-in-training with the opportunity to meet different radiologic teams abroad and help them advance both clinically and academically.



Olga Solyanik

I.M. Setchenov First Moscow State Medical University, Moscow/Russia

Topic: Oncologic Imaging

Training Centre: Ludwig-Maximilians University of Munich/Germany

This training was a great opportunity to broaden my outlook. During my three month training course I have managed to visit several fields of oncologic imaging at the department like computed tomography, magnetic resonance imaging, interventional radiology, PET/CT. It was so exciting not only to look at the workflow and the way of working, but being a part of the real work by means of reporting and assisting during different imaging procedures as well as participating in multi-disciplinary tumour boards. The Scholarship at the University Hospitals Munich – Grosshadern Campus was an unspeakable professional experience that I will put into my future practice in radiology. Especially I would like to express my gratitude to my tutor, Prof. Dr. A. Graser, for his constant professional support during my scholarship.



Matias Spaepen

Antwerp University Hospital (UZA), Edegem/Belgium
Topic: Abdominal Radiology
Training Centre: King's College Hospital, London/United Kingdom

Thanks to ESOR I could visit the Abdominal Radiology Department of King's College Hospital in London. My main focus was pointed towards hepatobiliary and pancreatic imaging. King's College Hospital is an academic centre with a strong multidisciplinary approach to hepatobiliary and pancreatic diseases. There is a huge amount of pathology and patients are drained from London and beyond, with rare and complex cases presented every day. I was involved in interpretation and tutored reviewing of imaging studies and participated in many interventions (TACE, embolizations, biopsies, RFA's, etc.). I was part of numerous multi-disciplinary meetings, taking place daily. I would like to express my gratitude to my tutors Dr. Pauline Kane, Dr. Dylan Lewis, Dr. Praveen Peddu, Dr. Suzanne Ryan, Dr. Kelvin Cortes and Prof. John Karani for sharing their experience and joy in radiology with me. I also had the honour to learn from Prof. Paul Sidhu on Wednesday afternoons, one of the world leaders in contrast enhanced ultrasound. I will remember the good times with the local radiology trainees and the very friendly consultants. I will also not forget the warmth of London during the Christmas period. I enjoyed every aspect of my stay in a capital of the world!



Jianhua Tao

Beijing Tongren Hospital, Beijing/China
Topic: Oncologic Imaging
Training Centre: University Hospital Maastricht/The Netherlands

I am Jianhua Tao from Beijing Tongren Hospital. At first I would like to thank ESOR for providing me with the Visiting Scholarship Programme to learn advanced techniques, imaging protocols and practices. My training centre is at the department of radiology at University Hospital Maastricht under the chairmanship of Professor Regina Beets-Tan, who is also my assigned tutor. She is very nice to me and offered me the opportunity to follow and participate in the research of liver cirrhosis and rectal carcinoma programmes. I have learned a lot about progress in rectum cancer and also I attended the tutorials and lectures to promote my listening comprehension of professional English. In the end, I am grateful to Professor Regina Beets-Tan and the teammates (especially Milou Martens and Luc Heijnen) for their sincere and warm help!



Bernardo Teixeira

Hospital de Clínicas do Paraná, Curitiba/Brazil
Topic: Neuroradiology
Training Centre: Centre Hospitalier Sainte Anne, Paris/France

I must say it was a pleasure to spend three months at the Centre Hospitalier Sainte Anne in Paris. During this period I was able to deepen my knowledge in conventional neuroradiology, participate in interventional procedures and learn more about functional imaging. Prof. Oppenheim was always willing to help me, Prof. Meder was a great host and the friendly staff made my internship very pleasant. In addition, I attended the Journées Françaises de Radiologie and I was able to enjoy the numerous attractions and cultural activities which are unique to Paris. Undoubtedly I will always remember this amazing experience and I would like to thank ESOR and Bracco for this great opportunity.



Chiara Tudisca

Policlinico Univeristario "Paolo Giaccone", Palermo/Italy

Topic: Cardiac Imaging

Training Centre: Erasmus MC - University Medical Centre Rotterdam/The Netherlands

The ESOR Visiting Scholarship Programme offered me a unique opportunity to be trained in an acknowledged centre of expertise in Cardiac Radiology, the Erasmus Medical Center in Rotterdam. The time at Erasmus MC was extremely useful as it gave me the opportunity to extend my knowledge and to have a new outlook on cardiac radiology. It was a very interesting experience both on a personal and professional level. The Erasmus MC is one of the most advanced and prestigious centers in Europe for the diagnosis and research on cardiac diseases working with state-of-the-art imaging MRI and CT. I have background on adult cardiac MRI, so my training was more focused on cardiac CT and congenital cardiac disease investigated with CT and MRI. During the scholarship I have gained new knowledge and practical skills in coronary and cardiac CT reviewing more than 300 cases, expanding my knowledge of the cardiac imaging world. Furthermore, I was personally involved in fascinating research projects focused on coronary disease and non-compacted cardiomyopathy. A special thanks to ESOR, Bracco, Erasmus MC in the person of Prof. G. P. Krestin, Dr. M. Ouhlous and Dr. K. Nieman for making it an extremely educational and unforgettable experience. I am sure this experience will significantly influence my future choices and my work. Thank you!



Federica Vasselli

Umberto I Roma, Rome/Italy

Topic: Breast Imaging

Training Centre: Pitié Salpêtrière Hospital, Paris/France

I had the chance to absolve the ESOR Scholarship Programme on Breast Imaging, at the Pitié-Salpêtrière Hospital, Paris, France. It has been such an enriching experience, both on the professional and the human side. Professor Philippe Grenier and Doctor Yasmina Badachi gave me a professional, warm and enthusiastic welcome. During my programme I had the possibility to experience the extreme competence of all the radiologists of this hospital, the possibility to increase my knowledge in breast imaging, and to deepen the relationship with the clinicians, more and more during all the multidisciplinary meetings. Then, every day, coming back home, there was the amazing "ville lumiere" to live and discover what should I wish for more? Thanks for these wonderful three months that I will keep deep within my heart.



Ana Vlajković

Radiology Center/Clinical Center, Nis/Serbia

Topic: Musculoskeletal Imaging

Training Centre: Medical University of Vienna/Austria

First of all I have to thank ESOR and ESR for this wonderful experience at the Medical University of Vienna, General Hospital Vienna. It was an exceptional experience for my professional career. To be able to learn from wonderful physicians and great teachers made me love MSK radiology even more. During these three months I had the honor to work with experts in the field and had the chance to become familiar with: the ultrasound-guided intraarticular injection for MR arthrography of shoulder and hips, ultrasound of peripheral nerve and muscle, ultrasound peripheral nerve block and also biopsies guided by US, MRI and CT. I was immediately involved in all kinds of clinical activities and also in additional learning opportunities like daily lectures and tumor boards. I am very grateful to my tutor during the scholarship Professor Claudia Schueller Weidekamm who is the epitome of a complete radiologist with a wealth of wisdom and unparalleled skill. A warm thanks to her colleagues, including Professor Gerd Bodner, for the enthusiasm to share their knowledge and professional skills in the field of ultrasound of peripheral nerve with me. I enjoyed the time of my scholarship not only for the great education I received but also this was a unique opportunity to experience the Austrian culture, interact with its wonderful people and make some great friends. Thanks a lot for the chance!



Irene Vraka

Aretaieion University Hospital of Athens/Greece

Topic: Paediatric Radiology

Training Centre: Hôpital Bicêtre- Aphp, Le Kremlin Bicetre Cedex/France

My work experience in Paediatric Radiology has been a truly wonderful experience for me. I have had the chance to live in one of the most amazing cities in the world and at the same time work under the supervision and guidance of the best specialists in the sub-specialty I am interested in the most. Now I have made a new family which I would be happy to join again in the future. Furthermore, I have come into contact not only with local people, hence familiarising myself with the French language, but with people from all over the world, making this a genuinely multicultural experience. After all this, I am returning to my home country feeling a richer and wiser person.



Ksenija Vukovic

UKC Maribor/Slovenia

Topic: Oncologic Imaging

Training Centre: Medical University of Vienna/Austria

This wonderful opportunity I received through ESOR enriched not only my knowledge of oncologic imaging, but also gave me the inspiration to try and pursue an academic career. From residents to professors, they all accepted me as part of the team as I followed their daily routine from their morning lectures, clinical case interpretations, lunch conferences and multidisciplinary tumour boards. They were eager to share their knowledge over various cases and imaging modalities including protocols with me. I also gained the possibility to perform research studies and the expertise my mentor, Associate Professor Dr. Mayerhöfer, who is a highly enthusiastic person, share with me, was enlightening and of great importance to me.



Julia Zavariz

Hospital das Clinicas da Faculdade de Medicina da Universidade de São Paulo/Brazil
Topic: Contrast Enhanced Ultrasound
Training Centre: King's College Hospital, London/United Kingdom

I had the great privilege of spending three months at King's College Hospital in London provided by ESOR. As my focus was on contrast enhanced ultrasound I had the amazing opportunity to learn from the best team I could possibly wish for and I was fortunate to be around the living legend Dr. Cosgrove. I've experienced not only the daily exam routine but I've also got involved in multidisciplinary meetings, teaching sessions and interesting case discussions. The research experience was especially valuable and gave me more skills to hopefully develop many projects coming back to Brazil. It was very inspiring. I would like to express my heartfelt gratitude to all the staff at Kings, but especially: Dr. Maria Sellars, an amazing radiologist and a model to follow, Dr. Annamaria Deganello who took me under her wings and selflessly taught me priceless things (a brilliant mind with a splendid future ahead) and mostly Prof. Dr. Paul Sidhu, a real gentleman who truly incorporates the title of "Professor" as the master who tirelessly teaches in the most altruistic way. I would also like to thank the European School of Radiology and the European Society of Radiology for the outstanding knowledge this scholarship provided me with.



Jia-Wen Zhang

Huashan Hospital of Fundan University, Shanghai/China
Topic: Oncologic Imaging
Training Centre: Heidelberg University Hospital, Heidelberg/Germany

It was my pleasure to obtain a three-month ESOR scholarship for Chinese radiologists. Thank you ESOR very much for providing me with this training opportunity. I learned a lot about oncologic imaging diagnosis at University Hospital Heidelberg/German Cancer Research Center. This was my first time to stay in Germany. Fortunately, I made many friends in Heidelberg who afforded a lot of help and exchanged experiences in professional training and daily life. This training programme not only improved my professional practice, but also made me well aware that German doctors have a rigorous attitude towards work and life. I believe this experience will benefit me greatly.

My experience

Exchange Programmes for Fellowships

My experience

Exchange Programme for Abdominal Imaging Fellowship



Diana Sorina Feier

Emergency County Hospital, Cluj-Napoca/Romania

Topic: Abdominal Radiology

Training Centre: Medical University of Vienna/Austria

I am very grateful to ESGAR and ESOR for awarding me the three month Fellowship in the Department of Radiology from AKH University Hospital, Vienna, Austria. It has been a privilege and an excellent educational opportunity to work with my tutors, Professor Christian Herold and Associate Professor Ahmed Ba-Ssalamah and his amazing colleagues in the MRI Department. With their help I was able to participate in a structured modular training on abdominal imaging. I had the opportunity to follow and participate in the core knowledge training programme throughout tutorials, followed by routine clinical cases and up-to-date modality techniques and protocols. Participating in daily routine work and also being involved in research, gave me a comprehensive understanding of the subject in the field. This fellowship provided me with an excellent educational and social experience which I greatly appreciate. It also gave me the opportunity to discover Vienna, a wonderful city with wonderful people, to which I would gladly come back anytime.



Ilknur Özdeniz

Hacettepe University, Ankara/Turkey

Topic: Abdominal Imaging

Training Centre: Hôpital Erasme, Brussels/Belgium

It's a really big chance for me to be involved in this Abdominal Imaging Fellowship Programme at Hopital Erasme/Brussels since it provided me with the opportunity to work with the great Professor Dr. Celso Matos and friendly colleagues. In the abdominal MRI department of Hopital Erasme, you can work on specific topics for abdominal MRI, especially pancreas imaging, prostate imaging, MR enteroclysis and liver imaging. Also you can see lots of multifarious cases. In addition to this, you can find the chance to attend multidisciplinary seminars and case discussion meetings with other departments. I'm really lucky to have had a chance to work with Professor Matos, I learned a new perspective for abdominal MRI that is not only about reporting examination but also getting deep knowledge on every step of the examination. Finally, I want to thank my Professors from Hacettepe University/Turkey Dr. Deniz Akata and Dr. Muşturay Karçaaltıncaba for encouraging me to do this programme and to ESOR and ESGAR for giving me this chance.



Nicky H.G.M. Peters

University Medical Center Utrecht/The Netherlands
Topic: Abdominal Imaging
Training Centre: University Hospital Maastricht/The Netherlands

The MUMC group of Prof. Dr. Regina Beets-Tan is highly motivated in sharing their extensive knowledge and expertise and has offered me elaborate teaching files mainly on gynaecological oncology cases and rectal cancer MRI examinations, which are my primary areas of interest. As I am doing the exchange programme in my own country, I can actively participate in presenting at MDT meetings (such as the uro-oncology, gynaecological oncology and gastrointestinal oncology meetings) and in reporting clinical abdominal studies under supervision of the experienced abdominal team. The ESOR fellowship is an experience from which I will benefit for the rest of my career.



Konstantinos Charalampos Tsekouras

Naval Hospital of Crete, Chania/Greece
Topic: Abdominal Imaging
Training Centre: Addenbrooke's Hospital, Cambridge/United Kingdom

The ESOR/ESGAR Fellowship Programme gave me my first chance for training in a hospital of another country, Addenbrooke's Hospital in Cambridge one of the most famous hospitals in the United Kingdom and I am grateful for it. I must also thank the Addenbrooke's Hospital Abdominal Imaging team that welcomed me and helped me to get familiar with a new environment. My three-month fellowship was really amazing as I had the opportunity to get in contact with high level radiologists and the educational programme of another radiology department and finally to see how a completely different health system than that of my country works. A special reference must be made as well for Cambridge, a fabulous city with many monuments and a great tradition in education. I strongly recommend the ESOR Fellowship to other young colleagues from all over the world. It's a unique experience that every young radiologist should live. These fellowships could become the foundation for future scientific collaborations and certainly sincere personal relationships.



Ashlesha Satish Udare

Global Hospital-Super Speciality & Transplant Centre, Mumbai/India
Topic: Abdominal Imaging
Training Centre: Southampton University Hospitals NHS Trust, Southampton/United Kingdom

The ESOR/ESGAR Exchange Fellowship Programme is a unique opportunity to give an insight into the wide spectrum of abdominal imaging. I am reminded of a poem by Robert Frost:
"I shall be telling this with a sigh somewhere ages and ages hence, two roads diverged in a wood, and I, I took the one less travelled by, and that has made all the difference."
As final year radiology residents, most of us are content with our training. However, we are often not aware of various new "roads" in radiology. The fellowship offers us this chance to explore new avenues. Presently, I am doing a three month abdominal imaging fellowship under the tutelage of Prof. Dr. D. Breen, at the Southampton University Hospital, UK. My daily schedule includes reporting the various abdominal MRI and CT studies. This is followed by discussion with the senior faculty regarding the imaging findings and methodical reporting. I also take particular interest in the intervention sessions in the afternoon (image guided MWA and cryoablations, hepatobiliary and vascular procedures). A thorough knowledge of these procedures is essential for any aspiring abdominal radiologist. Every week, there is a teaching session discussing all the interesting cases in the division. There are hepatobiliary, colorectal, small bowel, upper GI, urology and gynecological MDTs every morning. These provide a great chance to interact with the clinicians and pathologists, and get the whole picture with the appropriate clinical context. This fellowship is a great opportunity to hone my reporting skills and further my interest in abdominal interventions. On completion of the fellowship, I will take back the efficient techniques and specialist skills learned at this specialist centre and use them to enhance current practices in my department.

Exchange Programmes
for Fellowships

My experience

myESR.org/esor



Seyed Mehran Vaziri Bozorg

Imam Khomeini Hospital/Tehran University of Medical Sciences, Tehran/Islamic Republic of Iran

Topic: Abdominal Imaging

Training Centre: European Institute Of Oncology, Milan/Italy

The ESOR fellowship at the European Institute of Oncology (IEO) was a great opportunity for me to acquire new skills in abdominal imaging, experience innovative imaging techniques and learn updated guidelines in approach to oncology patients. During this fellowship period, I could actively participate in daily activities of the department, have exposure to a wide spectrum of oncology cases and also learn more about various topics such as cancer staging, whole body MRI, virtual colonoscopy and CT-guided biopsy. The warm and friendly atmosphere and the kind assistance of all radiologists and other department staff was very encouraging for me to have more and more educational interactions and everybody was interested in sharing their knowledge and experience with me. Additionally, I am able to get involved in multiple ongoing research projects with supervision of the expert radiologists which can be very inspirational for my future career. I would like to express my intense gratitude for all staff of IEO radiology department and ESOR team who provided this invaluable experience.



Miren Zubizarreta Etxaniz

Hospital Universitario de Donostia, Zarautz/Spain

Topic: Abdominal Imaging

Training Centre: Academic Medical Center, Amsterdam/The Netherlands

I am really grateful to ESOR and ESGAR for the opportunity they gave me with this fellowship to spend three months in a different country and a different hospital. I arrived at the Amsterdam Academic Medical Center (AMC) in October and I was there until the end of the year acquiring knowledge and strengthening concepts in abdominal imaging. Thanks to Prof. Jaap Stoker I have been able to focus on what interests me the most besides assisting in different multidisciplinary meetings and discussing all the tricky cases with any of the staff members. It has been an honour working with you.

Exchange Programme for Breast Imaging Fellowship



Himanshu Vadodaria

Dr Bb Jani Hospital, Dhoraji/India

Topic: Breast Imaging

Training Centre: Addenbrooke's Hospital, Cambridge/United Kingdom

I would like to thank ESOR/EUSOBI for awarding me this exchange fellowship at the Cambridge breast unit, Addenbrooke's Hospital. I was greeted very warmly by my tutor Dr. Sinnatamby. The Cambridge breast unit team was very friendly. Along with my tutor Dr. Britton, Dr. Wallis, Dr. Moyle and Ms. Taylor actively taught me breast imaging and intervention skills. Professor Gilbert guided me to write scientific papers in a very friendly manner. Dr. Barter was very caring and she motivated me to pursue EDiR, which will be very important for my future career perspectives. Dr. Freeman was very kind to me by providing very rare cases for my project. I was closely interacting with the surgical team, attended multidisciplinary meetings of breast as well as gynaecology. It was my privilege to attend radiology forums of the Cambridge University clinical school, as eminent speakers from all around the world were delivering impeccable speeches. It was a perfect experience for me to sharpen my skills and polish my knowledge. Over all it is a highly recommended structured programme for breast imaging.



Julia Wiederer

University Hospital, Zurich/Switzerland

Topic: Breast Imaging

Training Centre: Policlinico San Donato, Milan/Italy

The Breast Imaging Fellowship gave me the unique opportunity to complement my subspecialisation and to exchange knowledge in an excellent academic environment. I was involved in all aspects of breast imaging, from daily clinical work in the breast unit and interdisciplinary discussions to research. I especially enjoyed the breast screening reading sessions with my tutor Dr. Luca Carbonaro. Thanks to ESOR/EUSOBI and Prof. Francesco Sardanelli for the chance to broaden my network in the field of breast imaging. „Mille grazie” to all my new friends at San Donato for the great time we had together!

Exchange Programme for Breast Imaging Fellowship (USA)



Manuela Durando

Aso Sangiovanni Battista di Torino, Torino/Italy

Topic: Breast Imaging

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

The ESOR Breast Imaging Fellowship Programme at MSKCC in New York, which I am currently pursuing and I will conclude in April, is a unique experience and opportunity to expand and improve my knowledge in a centre which applies state-of-the-art and new emerging techniques on all imaging modalities. My visit has been well-organised with the target of making the best of it: I have been welcomed to participate in daily lectures, multidisciplinary meetings and daily routine practice (advanced imaging and interventional procedures). I'm actively taking part in research projects. My experience is intense and fruitful and I'm honored to be part of one of the best Breast Imaging Centres in the world. I would like to express my gratitude to my mentor Dr. Elizabeth Morris and to the entire faculty and fellows for sharing their precious time, their knowledge and expertise with me. I would finally like to thank ESOR for making this great learning experience possible.



Soledad Milans

Hospital de Clinicas, Montevideo/Uruguay

Topic: Breast Imaging

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

The ESOR Breast Imaging Fellowship Programme gave me a unique experience in a six month training period at the Breast Imaging Center at MSKCC in New York, mentored by Dr. Elizabeth Morris. I had the opportunity to see and learn from the best practices in a friendly environment together with attending physicians, fellows and technologists. I participated in all the weekly scheduled activities: screening, diagnostics, imaging guided biopsies, MRI, seed and wire preoperative localizations with an efficient and effective work methodology. I also worked on research projects in a center where research is actively encouraged. I attended the breast multi-disciplinary meeting, debates, lectures, radiology-pathology meetings, journal clubs and interesting cases in a center with a solid and productive continuing medical education programme. I participated in quality control of mammography units, monitors and ultrasound and had the opportunity to observe with breast surgeons and pathologists. I am very grateful to ESOR for this great opportunity. I will share all the knowledge acquired with my colleagues and future breast imaging radiologists in Uruguay and apply all that I learned.

Exchange Programme for Cardiac Imaging Fellowship



Guadalupe Buitrago

Hospital General Universitario Gregorio Marañón, Madrid/Spain

Topic: Cardiac Imaging

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

The ESOR Fellowship Exchange at Leiden University Medical Center has certainly been an outstanding experience for me. It has given me the opportunity to improve my knowledge and experience in cardiac imaging, strengthening my interest in this area of radiology. I also had the opportunity to have some contact with cardiac research areas as T1 mapping and to participate in some great cardiac meetings and courses. I am really grateful to Prof. de Roos and his team, Dr. Kroft and Dr. Lamb. It has been a privilege to have this learning experience with such a high professional level team.



Ariya Tanasoontornrerk

Maharat Nakhonratchasima Hospital, Nakhon Ratchasima/Thailand

Topic: Cardiac Imaging

Training Centre: Medical University of Vienna/Austria

It was my great pleasure to spend a three-month fellowship at Medical University Vienna. This institute is an excellent center with many departments, patients, man power with good collaboration and is excellent in education, research and practice. Throughout the three-month training, I gained a lot of experience in cardiac imaging, also including vascular imaging and intervention cases. Learning from image acquisition, post processing to reporting. Many daily routine and database cases have been reviewed in different topics. ESOR and ESCR also provided me with one of the most valuable experiences to participate in the ESCR meeting in London. This opportunity helped me to improve my knowledge and inspired me for further research in this field. Thank you ESOR/ESCR very much for this excellent programme. Thank you Prof. Dr. Christian Loewe and his team in the division of cardiovascular and intervention radiology, department of biomedical imaging and intervention and the Medical University of Vienna for the warm welcome, hospitality and advice.

Exchange Programme for Head and Neck Imaging Fellowship



Murat Serhat Aygün

Konya Eğitim ve Arastirma Hastanesi, Konya/Turkey

Topic: Head and Neck Radiology

Training Centre: University of Brescia - School of Medicine, Brescia/Italy

The ESOR/ESHNR Exchange Programme for Fellowships has been a unique opportunity to expand my knowledge on Head and Neck Radiology during a three-month training in the Spedali Civili di Brescia, Italy, under the supervision of Prof. Roberto Maroldi from whom I have learned a lot. I would like to thank Prof. R. Maroldi for the weekly lessons about anatomy, and state-of-the-art techniques. I would also like to thank doctors in the H&N imaging department M. Ravanelli, E. Botturi, D. Farina, A. Marconi and all registrars for taking time to share their invaluable experience with me and for their generosity and kindness. I attended MRI examinations where I learned a lot about sequence selection and also diffusion imaging in Head and Neck diseases. I attended weekly multidisciplinary meetings with ENT surgeons, oncologists, radiologists and neurosurgeons which were kindly held in English. In these meetings I learned a lot from challenging cases in routine practice. I also had the chance to make research about H&N diseases. I believe such a challenging experience will give me new impulses in the advancement of my professional radiology development. I strongly recommend this programme to all young radiologists.



Pravin Mundada

Changi General Hospital, Singapore/Singapore

Topic: Head and Neck Radiology

Training Centre: Northwest London Hospitals NHS Trust & Mount Vernon, London/United Kingdom

It was a great experience working with Dr. Lingam at Northwick Park Hospital (NWP), London, during three months of my ESOR Head and Neck Imaging Fellowship. I rotated through NWP, Central Middle Sex Hospital (CMH) and Mount Vernon Cancer Hospital (MVH), London. This training was perfectly planned and I highly recommend this training centre for those who seek a balanced exposure of the head and neck cancer imaging as well as non-oncology head neck imaging. It was a great experience to learn DWI- cholesteatoma imaging from the international authority, Dr. Lingam. I received valuable guidance from Dr. Lingam in completing my research study on pulsatile tinnitus. At MVH, I had an excellent opportunity to learn PET-CT imaging under the guidance of Dr. Wong. The teaching sessions by the eminent radiologist Dr. Anwar Padhani at MVH were one of the most remarkable learning experiences and I sincerely thank Dr. Lingam for arranging it. I had several opportunities to interact with surgical teams at NWP and CMH. I thank Mr. Arvind Singh, Ms. Vickie Lee, Mr. Tatla and Mr. Majithia for sharing their valuable experiences and allowing me to observe surgeries. Dr. Martin, Dr. Khatri, all radiographers and radiology residents at NWP were very warm and welcoming. It helped me to enjoy my stay at NWP. Similarly Dr. Andrew and Dr. Sonoda from MVH were very kind in sharing their valuable experiences with me. The secretaries at NWP and MVH were very helpful in facilitating my paper work during a holiday period. Thanks ESHNR and ESOR for this lovely experience!!



Alina Piekarek

University Hospital No. 1, Poznan/Poland

Topic: Head and Neck Radiology

Training Centre: Medical University of Vienna/Austria

My three-month visit to the General Hospital of the Medical University of Vienna gave me a chance to develop my professional skills in head and neck imaging. Every day I was involved in case reporting, observing MDCT-, MRI- (1.5T and 3T) and PET-CT studies of adults and children (of the brain and orbits, the skull base and ear, the head and neck with nasal/oral cavity, sinuses, throat, salivary glands etc.). I participated in the staff meetings, the interdisciplinary boards (with histopathologists, ENT-surgeons and neurosurgeons, radiotherapists and chemotherapists) and the scientific lectures. From November 7th-9th I was taking part in the Wiener Radiologisches Symposium, special thanks to Prof. Dr. Christian Herold. I am deeply grateful to my tutor Prof. Dr. Christian Czerny, Prof. Dr. Daniela Prayer, Doc. Dr. Stefan Nemecek and all staff members of the Division of Neuroradiology and Musculoskeletal Radiology for a remarkable atmosphere and for sharing their knowledge and experience in Head & Neck Imaging.

Exchange Programme for Musculoskeletal Imaging Fellowship



Björn Jobke

Heidelberg University Medical Center and German Cancer Center, Heidelberg/Germany

Topic: Musculoskeletal Imaging

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

My MSK fellowship at LUMC was a full success and a worthwhile investment for the future. Coming from Berlin, the city of Leiden is a cozy University town with a typical unique Dutch character, easy to find your way around and to commute (certainly by bike). The University Hospital is very conveniently located just outside the train station making life easier for people who have to commute to the airport. The Dutch National Bone Tumor Registry is situated at LUMC thus MSK oncology is one major focus of MSK radiology with many local and even more referral cases of bone and soft tissue sarcoma. The expertise about these rare entities is much higher than I have experienced anywhere else before. English is spoken by almost anyone fluently and the presence of external fellows is common and teaching is integrated as an important part of daily work. There is a brief daily morning meeting (Dutch), a daily 'holy hour' similar to a lunch session for residents (Dutch/English), a trauma demo and a weekly sarcoma board (English/Dutch). Everybody I met was very open-minded and members of LUMC and especially from the department of radiology were extremely kind at all times and responsive to questions. In the summer time the number of exams is reduced and there is a general focus on research. I can only strongly recommend a MSK radiology fellowship at LUMC to anyone who is interested in the field and I am very grateful for the opportunity.



Evangelos Perdikakis

412 General Military Hospital, Xanthi/Greece

Topic: Musculoskeletal Imaging

Training Centre: Leeds Teaching Hospitals, Leeds/United Kingdom

I am very grateful to ESR/ESOR and ESSR for awarding me a three-month scholarship in the Department of MSK Radiology at Leeds Teaching Hospitals in Leeds, United Kingdom. It has been a true privilege and an excellent educational opportunity to work with my tutor, Dr. P. Robinson and his exceptional colleagues, Dr. P. O'Connor, Dr. A. Grainger, Dr. J. Rankine, Dr. D. Barron and Dr. H. Gupta. The educational experience surpassed by far my expectations and strengthened my interest in Musculoskeletal Radiology. I had a unique training experience in diagnostics as well as interventional MSK procedures, while I was also able to attend numerous high level multi-disciplinary meetings. These three months of intense training turned out to be an invaluable experience for me. I believe that this fellowship was an important milestone in my medical education and the knowledge gained will be incorporated into my everyday practice. Once again I would like to thank all the department's staff, residents and consultants that welcomed me, made me feel comfortable from the beginning and helped me to adapt to this new, extremely specialised and demanding environment. Finally, my sincere thanks to ESR/ESOR and ESSR for making this great learning experience possible.

Exchange Programme for Neuroradiology Fellowship



Piyaphon Cheechoen

Ramathibodi Hospital/Mahidol University, Bangkok/Thailand

Topic: Neuroradiology

Training Centre: Antwerp University Hospital, Edegem/Belgium

Thanks to the ESR/ESNR Neuroradiology Fellowship Exchange Programme 2013 these three months in Antwerp University Hospital gave me a lot of invaluable experiences in knowledge and life. My tutor, Prof. Paul M Parizel, is a very fascinating person, who coached me from basic neuroanatomy to advanced neuroradiology. I had the chance to review and discuss interesting cases every day with experienced staff. I really appreciated the professional communication and team collaboration (neuroradiologists, neurologists, neurosurgeons, pathologists and oncologists) seen during the neuro-staff meeting, dedicated to the best patient care. Furthermore, I also got a warm welcome from Prof. Parizel and all colleagues. I really enjoyed practicing in the hospital and my stay in Antwerp.



Shobhit Mathur

Adichunchanagiri Hospital & Research Centre, Karnataka/India

Topic: Neuroradiology

Training Centre: University Hospital Essen/Germany

The ESOR/ESNR Neuroradiology Fellowship at University Hospital, Essen, Germany has been an excellent opportunity to learn about the latest developments in diagnostic and interventional neuroradiology from a world renowned faculty. I express my sincere gratitude to all members of the radiology institute who warmly welcomed me to actively participate in the routine activities of the institute and enthusiastically supported me throughout my training. I am especially thankful to my mentor, Professor Forsting and neuroradiology section chief, Dr. Schlamann for this incredible learning experience. Daily multidisciplinary meetings and case discussions with senior neuroradiologists were very useful to enrich my knowledge of the subject. Interactions with physicists and technical staff helped me develop new insights into advanced neuroimaging protocols. In addition to learning from a wide variety of interesting CT, MRI and interventional neuroradiology cases, I also gained valuable experience in PET-CT and PET-MRI. I also participated in the research activities of the institute. The fellowship also gave me a chance to make some good friends. I sincerely thank ESOR and ESNR for making this possible.



Angel Sanchez-Montanez Garcia-Carpintero

Hospital Universitario Vall d'Hebron, Barcelona/Spain

Topic: Neuroradiology

Training Centre: Istituto Giannina Gaslini, Genova/Italy

I am pleased to express my gratitude for my fellowship period in the neuroradiology department at Giannina Gaslini Children's Hospital in Genoa (Italy). My tutor here is the well-known over the world Dr. Andrea Rossi, who helped me even before coming with everything I needed. His team is composed by Dr. Giovanni Morana, Dra. Mariasavina Severino, Dr. Carlo Gandolfo, Pietro, Carlota, Alberto, Leo and others who make me feel like I am in a very big family, la famiglia as it is called here. It is amazing the huge number of interesting cases I am reading daily and their management. I have had the opportunity to assist to two amazing courses organised at the hospital, one about neuropaediatrics and another one about paediatric neuroradiology. In conclusion, I strongly recommend the ESOR programme to everyone interested in new challenges, Gaslini would satisfy all of your needs. Grazie mille, a presto!



Cristina Utrilla

Hospital Universitario La Paz, Madrid/Spain
Topic: Neuroradiology
Training Centre: University Hospital Freiburg/Germany

The ESOR Exchange Programme Fellowship at the Neuroradiology Department of the University Hospital in Freiburg, Germany, was a great chance to expand my knowledge in neuroradiology. During three months, I participated in the daily assisting activities of the department, as well as in conferences, seminars and multidisciplinary staff meetings. This time of intense training turned out to be an invaluable experience for me, both professionally and personally. Knowing different ways of working and different approaches to radiology is a very enriching opportunity for which I am thankful. I want to thank ESOR and the staff in the neuroradiology department at the Uniklinik Freiburg for this great chance.



Aaike Sanne van den Berg

Erasmus MC, Rotterdam/The Netherlands
Topic: Neuroradiology
Training Centre: National Hospital for Neurology & Neurosurgery, London/United Kingdom

As a neuroradiologist in training in the Netherlands and a member of the European Society of Radiology, I was fortunate enough to be selected for an ESOR Exchange Programme for a Fellowship in Neuroradiology at the National Hospital for Neurology and Neurosurgery in London, UK. In this well-known and prestigious referral centre, I had the opportunity to expand my knowledge and experience in Neuroradiology and Advanced Imaging, especially fMRI and DTI. The team took effort in making it possible for me to participate in the daily activities and to meet my personal goals. I was able to attend many multidisciplinary meetings and multiple teaching sessions and I was able to shadow several experienced neuroradiology consultants and discuss many clinical cases with them. It was a privilege to be able to observe and work in such a dedicated neuroradiology department with internationally acknowledged experts in the field. The programme was of great additional value to my subspecialty training and increased my experience in this field of work. This ESOR Exchange Programme for a Fellowship in Neuroradiology was a great learning opportunity, which also enabled me to meet many different international enthusiastic colleagues in neuroradiology. Many thanks and gratitude to the head of department, Professor T. Yousry, my supervisor Dr. I. Davagnanam, the rest of the staff members and, of course, ESR, ESNR and ESOR for giving me this unique and meaningful experience.

Exchange Programmes
for Fellowships

My experience

Exchange Programme for Paediatric Radiology Fellowship



Marjolein Dremmen

Maastricht University Medical Center, Maastricht/The Netherlands

Topic: Paediatric Radiology

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

The European School of Radiology gave me the outstanding opportunity to attend a three-month training programme in paediatric imaging at the well-known radiology department at Great Ormond Street Hospital for Children in London, an excellent and highly prestigious referral center. I was warmly welcomed by the paediatric radiology team to take active participation in the everyday activities. The team took a lot of care to fulfill my initial expectations and to focus on my learning objectives. I was privileged to work under expert guidance, to attend a variety of multidisciplinary team meetings and to join the motivating daily teaching sessions of the paediatric radiologists. This programme complemented my subspecialisation training in paediatric imaging and further enriched my proficiency and experience in and passion for paediatric radiology. I am looking forward to share the acquired knowledge of specialist skills with my colleagues and implement some new imaging techniques in my department. The ESOR/ESPR Fellowship is a unique educational opportunity to gain and incorporate specialised knowledge and personal skills, to learn alternative ways to approach diagnostic dilemmas, and to work alongside people with exceptional professional skills. I would like to thank ESOR, ESPR and Great Ormond Street Hospital radiology staff for making this training programme possible.



Andrea Lakatos

Borsod County Teaching Hospital, Miskolc/Hungary

Topic: Paediatric Radiology

Training Centre: University Hospital of Ioannina/Greece

The ESOR/ESPR Paediatric Radiology Fellowship enabled me to visit and be part of the Radiology Department of Ioannina for three months. I was introduced to a new way of thinking in paediatric radiology and to the multimodality approach of the clinical questions. I have learned how to perform a detailed brain ultrasound according to the „French school“ and how to evaluate the MRI of brain in preterm and full term infants. I got acquainted with advanced imaging, as MR-spectroscopy and tractography. Besides paediatric radiology, I was involved in adult imaging as well. I took part in everyday meetings, case presentations and lectures, which were held in English. At the MRI Department, I had the privilege to spend reading sessions with experts, who never hesitated to spend time on explaining MR physics or the pathophysiology of the diseases. I would like to thank my tutor, Professor Maria I. Argyropoulou for her excellent teaching, for providing an extremely well organised programme, and for being more than a supervisor. I am thankful to all the staff: nurses, radiographers and doctors for their friendly Greek hospitality, and for creating such a pleasant atmosphere during my stay.



Mehmet Burak Özkan

Dr. Sami Ulus Children 's Research and Training Hospital, Ankara/Turkey
Topic: Paediatric Radiology
Training Centre: Medical University of Graz/Austria

First of all I am very happy to be part of this programme which has lots of benefits. The main idea of this programme is to support the radiologic education for the developing countries. This is a very humanistic idea because especially there is a high death rate among children at my hospital compared to European countries. When I was working with Dr. Sorantin I understood the main aspects of radiology combined with the clinical manifestations. This is the most providing method of writing a useful radiology report. In other words, he taught me the knowledge that "is not written in the books". Because of him, I had a great experience with the cardiovascular imaging and trauma patients. I want to thank ESR for this highly valuable Exchange Fellowship Programme.



Irmina Sefic-Pasic

Clinical Center University of Sarajevo/Bosnia and Herzegovina
Topic: Paediatric Radiology
Training Centre: Hospital Vall D' Hebron - Children's University, Barcelona/Spain

I would like to inform you that I have started my Fellowship at Vall d'Hebron Hospital at the paediatric radiology department in Barcelona, Spain on 21 November 2013. I have received a warm welcome and was introduced to the staff of the paediatric radiology department, all of whom have been extremely helpful and supportive of my fellowship. The head of department, Dr. Goya Enriquez and my tutor Dr. Carreno, developed a three month visit plan for me, which includes rotation in all sections of the department. The plan gives me exposure to all different diagnostic modalities and techniques and the hands-on involvement in their everyday work. Every day at 8.30 we have a morning meeting with an introduction of clinical cases, followed by the work with patients. I am also involved in a number of interdisciplinary meetings with different clinicians. In this preliminary report, I would like to express my satisfaction with the programme and my gratitude to ESR for such an opportunity that will be a significantly important experience for my future career.

Exchange Programmes
for Fellowships

My experience

Exchange Programme for Thoracic Imaging Fellowship



Enrique Andres Aguilera Villagran

Jose Joaquin Aguirre University Hospital, Santiago de Chile/Chile

Topic: Thoracic Imaging

Training Centre: University Hospitals Leuven/Belgium

I was accepted in the 2013 ESOR/ESTI Exchange Programme for Thoracic Imaging Fellowship in Gasthuisberg Hospital in Leuven, Belgium. In my three month stay I was able to be part of the daily job, discussing some reports with the residents and the interesting cases with my tutor Dr. Johny Verschakelen. I had the opportunity to attend the interdisciplinary interstitial lung disease meetings where you could be a part of the discussion of the cases. I also saw a lot of lung transplantation examinations for which this hospital is a referral centre. I was also invited to their HRCT course. I'm very grateful for the opportunity that ESOR/ESTI gave me to be in a huge and great hospital and to learn from three experts in thoracic imaging. I'm very sure that all the things I learned during my stay in Belgium are going to be helpful in my daily work.



Nourah Al Mubarak

TB Hospital, Hawalli/Kuwait

Topic: Thoracic Imaging

Training Centre: Heidelberg University Medical Center and German Cancer Center, Heidelberg/Germany

I was honoured to be part of the ESOR Exchange Programme for Fellowships at the Thorax-Clinic in Heidelberg. The Department of Radiology and Nuclear Medicine is state-of-the-art in all aspects such as clinical, research and administrative. The ultra-smooth flow of work of both patients and staff gives a spectacular constructive working environment where learning comes naturally. Under the leadership of Professor Peter C. Heußel the department is well known for its excellence in chest imaging and research projects that have gained many international recognitions and awards. During my training I had the opportunity to look at many chest disease cases of varying complexity particularly those related to lung cancer and interstitial lung disease. The cases would be first presentation or follow up cases, and discussing all the related data of each case with my tutor Dr. A. Schmähl has undoubtedly widened my horizon and sharpened my knowledge. The department operates with the utmost modern CT and MRI machines, this of course has a positive impact on the quality of imaging, time saving and radiation dose control. Finally I would like to thank ESOR and the radiology department at The Thorax Clinic in Heidelberg for the great opportunity they have given me and making it unforgettable.



Yuranga Weerakkody

Hollywood Hospital, West Perth/Australia

Topic: Thoracic Imaging

Training Centre: Hôpital Calmette - University Center Of Lille/France

The ESOR-ESTI Thoracic Imaging Fellowship at Hôpital Calmette, Lille, France gave me an exceptional opportunity to broaden my skills in the field of thoracic imaging. Professor M. Remy-Jardin and the rest of the department were very welcoming and helpful in all aspects. The department is one of the leading centres for thoracic imaging in this region. There is an excellent mix of clinical and academic activities as well as world-leading research output. Coming from the Australasian region, the fellowship tremendously enriched my perspective of thoracic imaging. The warm, welcoming and hospitable nature of the people in Nord Pas de Calais region is an added bonus the academic and professional fulfilment achieved. I'm extremely grateful for the department as well as ESOR and ESTI for organising this opportunity.



LEVEL II+III

Teach-the-Teachers Programmes

After a successful first programme in 2012, this activity, created in partnership with Mallinckrodt, was continued also in 2013. The Teach-the-Teachers programme aimed to raise teaching skills among trainees hoping to become teachers. Twelve applications were received and seven trainees benefited from the programmes. A one-week training course was offered at the Department of Radiology of La Sapienza University of Rome as well as at the University of Szeged, for which ESOR is very grateful.

Faculty members in Rome, Italy:

Carlo Catalano
Marco Francone
Iacopo Carbone
Alessandro Napoli
Michele Anzidei
Nicola Galea
Fulvio Zaccagna
Luciano Agati
Christian Loewe, Vienna/AT (Guest Lecturer)

Faculty members in Szeged, Hungary:

András Palkó
László Almási
Ferenc Bari
Katalin Barabás
Zita Morvay
Endre Szabo
Luis H. Ros Mendoza, Zaragoza/ES (Guest Lecturer)



Leopold Bakoń

Central Teaching Hospital, Medical University of Warsaw/Poland
Topic: Cardiac Imaging
Training Centre: La Sapienza University, Rome/Italy

The idea of creating a course for actual teachers on how to teach radiology is great. I believe that all academic teachers should participate in such a course. The most important thing I learned from the course was how to make my presentation interesting for the audience. All of the presentations given by the faculty were well prepared and interesting, and gave excellent examples for my future didactic activities. I also appreciate the possibility of exchanging knowledge with the faculty teachers and I was impressed by the number of rare and interesting cases they had presented. I had already used some of the new experiences gained during the course and I hope that my students and residents had seen the difference. Lots of thanks for the course teachers for the great presentations and warm welcome in Rome.



Maja Hrabak Paar

University Hospital Center Zagreb/Croatia
Topic: Cardiac Imaging
Training Centre: La Sapienza University, Rome/Italy

In September 2013 I participated in the Teach-the-Teachers Programme on How to practice and teach Cardiac Imaging at La Sapienza University, Rome/Italy. I was especially satisfied with the productive and interactive communication between the faculty and a small group composed of only three participants, who were all experienced in cardiac imaging. The faculty showed us beautiful examples how different topics in cardiac radiology should be presented to the audience, including scientific presentations and educational lectures. I would like to acknowledge the faculty for their hospitality, unselfish sharing of their experience and knowledge, and advice they gave us in order to augment our scientific and teaching skills.



Nomeda Valeviciene

Vilnius University Hospital Santarsikiu Klinikos, Vilnius/Lithuania

Topic: Cardiac Imaging

Training Centre: La Sapienza University, Rome/Italy

The week I spent in Rome on occasion of the Teach-the-Teachers Programme by ESOR at La Sapienza University was a wonderful and unforgettable experience. I had a chance to improve my teaching skills, polish my presentation techniques as well as deepen my understanding of several themes during the course. Most importantly, I learned how to present my ideas in a simpler yet more engaging manner. All the lectures about MRI/CT protocols, safety radiological procedure, MRI sequences and technique were very interesting and will be very useful in my daily practice. I am so grateful for this experience and I am sure that it will help me a lot in my future career. The cardiovascular radiology team at La Sapienza was not only well versed in their field, but also very friendly. Finally, the course was well-organised and the outline of the whole programme was perfect – it was tailored towards an international group and in my mind offered great opportunities to learn for everyone despite their different skills.



Gianluca Argentieri

Ospedale Civico, Lugano/Switzerland

Topic: Abdominal Imaging

Training Centre: University of Szeged/Hungary

During the Teach-the-Teachers Programme I have been actively involved in several teaching sessions which I found very interesting and enjoyable. I have integrated very quickly into the team by working actively with the other members in all courses. Concerning the increase in my knowledge, I would certainly like to mention the technical aspects of sharing different ways in communicating, preparing and exposing lectures. Eventually, I feel to have established a link for possible future collaborations and projects between our hospitals. I really thank the ESOR organisation for this precious opportunity with a special appreciation to my tutor Prof. András Palkó and his colleague Endre Szabo.



Gerardo Dessi

General Hospital Sant'Andrea, La Spezia, Rome/Italy

Topic: Abdominal Imaging

Training Centre: University of Szeged/Hungary

I was a participant of the Teach-the-Teachers Programme 2013, which was held in the Abdominal Imaging section of the Department of Radiology, University of Szeged, Hungary. The one week training has certainly provided me a better understanding of what it means to be an "effective teacher". The education I received with my colleagues helped us to develop a strong working group already in the beginning of the week. The programme also included the attendance of classes held for medicine students and radiology residents. On the last day we used all the knowledge we had gained during the week to prepare and hold a presentation to the local residents. The time I spent at the University of Szeged proved to be an outstanding and unforgettable experience. I would like to express my gratitude to Prof. Palkó, Dr. Ros Mendoza and Dr. E. Szabo, for their major contribution brought to this course.



Marian Pop

IBCvT Tg.Mures, Laborator Radiologie si Imagistica Medicala, Tg.Mures/Romania
Topic: Abdominal Imaging
Training Centre: University of Szeged/Hungary

Last spring, after a weekend call, I've decided to apply for the Teach-the-Teachers Programme. Choosing Abdominal Imaging in Szeged was initially by proximity but in the end proved to be one of the best choices I have made in 2013. Working for a week with dedicated radiologists and exceptional people I have reconsidered my level of knowledge finding different paths towards the heart and minds of students and radiology juniors. New tactics, fresh material and friendly environment were all helping me to understand an improved approach of the way medical imaging should be taught. I highly recommend to every colleague involved in teaching/working with residents to apply for one of the Teach-the-Teachers Programmes in order to gain access to the know-how of first-class mentors.



Ana-Maria Ungureanu

University Emergency Hospital, Timisoara/Romania
Topic: Abdominal Imaging
Training Center: University of Szeged/Hungary

The time spent in the Department of Radiology, University of Szeged was of a great value for my professional development. I encountered remarkable people, who do not only hold great professional skills, but also want to share it with others and know how to do this. I had a lot to learn from their wide experience in teaching and pedagogical talent. I would like to mention the impeccable organisation of the course, with a valuable content, the impeccable organisation of the department, with a large collection of imaging cases. In a few words: I strongly recommend the teaching programme held in the Department of Radiology, University of Szeged. Special thanks to Prof. Dr. A. Palkó, Prof. Dr. L. Ros Mendoza and Dr. E. Szabó. Thank you ESOR!

Faculty 2013



Deniz Akata
Ankara/TR



Antonio Barile
L'Aquila/IT



Lorenzo Bonomo
Rome/IT



Dirk-André Clevert
Munich/DE



Rosemarie Forstner
Salzburg/AT



Sergio Alfieri
Rome/IT



Frederik Barkhof
Amsterdam/NL



Giuseppe Brancatelli
Palermo/IT



Demosthenes Cokkinos
Athens/GR



Marco Francone
Rome/IT



Hatem Alkadhi
Zurich/CH



Hans-Christoph Becker
Munich/DE



Peter Britton
Cambridge/UK



Jean-Michel Correas
Paris/FR



Mariusz Furmanek
Warsaw/PL



Hannu Aronen
Turku/FI



Regina Beets-Tan
Maastricht/NL



Cem Calli
Izmir/TR



David Cosgrove
London/UK



Jurgen Futterer
Nijmegen/NL



Alexandra Athanasiou
Paris/FR



Massimo Bellomi
Milan/IT



Filipe Caseiro Alves
Coimbra/PT



Albert de Roos
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Ángeles García-Criado
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Pascal Baltzer
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Ulrich Bick
Berlin/DE



Carlo Catalano
Rome/IT



Franz Fellner
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Thomas Helbich
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Grigory Karmazanovsky
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Michael Laniado
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Yves Menu
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Thomas K. Helmberger
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Ara Kassarian
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Christian Loewe
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Ursula Nestle
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Paul M. Parizel
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Federica Pediconi
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Vincenzo Valentini
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Rodney Reznek
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Luigi Solbiati
Busto Arsizio/IT



Fabienne Thibault
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Brno/CZ



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Faculty 2013



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Malmö/SE

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Geneva/CH

Bernard Van Beers
Clichy/FR

Sahlya Djebbar
Lille/FR

Laura Romanini
Brescia/IT



Sarah Vinnicombe
Dundee/UK



Marco Zanetti
Zürich/CH

Cornelia Schaefer-Prokop
Amersfoort/NL

Angelo Vanzulli
Milan/IT



Christian F. Weismann
Salzburg/AT



Marc Zins
Paris/FR



Tutors 2013



Catherine Adamsbaum
Hôpital Bicêtre-Aphp,
Le Kremlin Bicetre
Cedex/FR
Paediatric Radiology



Regina Beets-Tan
University Hospital
Maastricht/NL
Abdominal Imaging/
Oncologic Imaging



Luca A. Carbonaro
IRCCS Policlinico San
Donato/University of
Milan School of
Medicine, Milan/IT
Breast Imaging



D. David Dershaw
Memorial Sloan-Ketter-
ing Cancer Center,
New York/USA
Breast Imaging



Edmund Godfrey
Addenbrooke's Hospital,
Cambridge/GB
Abdominal Imaging



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Paediatric Radiology



Massimo Bellomi
European Institute of
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Abdominal Imaging



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Neuroradiology



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Inselspital, Institute of Di-
agnostic and Interventional
Neuroradiology, Bern/CH,
Neuroradiology



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Hospital Clinic of
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Abdominal Imaging



Georg Bongartz
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Basel/CH
Oncologic Imaging



Indran Davagnanam
National Hospital for Neu-
rology and Neurosurgery
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Neuroradiology



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University Hospital of
Strasbourg/FR
Musculoskeletal
Imaging



Anno Graser
Ludwig-Maximilians
University of Munich/DE
Oncologic Imaging



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



David J. Breen
Southampton University
Hospitals NHS Trust
Southampton/GB
Abdominal Imaging



Albert de Roos
Leiden University
Medical Center
Leiden/NL
Cardiac Imaging



Jonathan Gillard
Addenbrooke's Hospital
Cambridge/GB
Neuroradiology



Lars Grenacher
Heidelberg University
Medical Center and Ger-
man Cancer Research
Center, Heidelberg/DE
Oncologic Imaging



Matthias Gutberlet
University of Leipzig -
Heart Centre Leipzig/DE
Cardiac Imaging



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New York/USA
Oncologic Imaging



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Medical University of
Vienna/AT
Cardiac Imaging



Marius Mayerhöfer
Medical University of
Vienna/AT
Oncologic Imaging



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Sainte Anne, Paris/FR
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Medical University of
Vienna/AT
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Pitié Salpêtrière
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Abdominal Imaging



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Mater Misericordiae
Hospital, Dublin/IRL
Emergency Radiology



Dean Nakamoto
Case Western Reserve
University, Cleveland/USA
Abdominal Imaging



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Heidelberg University
Medical Center and
German Cancer Research
Center, Heidelberg/DE
Thoracic Imaging



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Policlinico Universitario
"Agostino Gemelli",
Rome/IT
Chest Imaging



Roberto Maroldi
University of Brescia
- School of Medicine,
Brescia/IT
Head and Neck Radiology



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King's College Hospital
Foundation Trust,
London/GB
Breast Imaging



Konstantin Nikolaou
Ludwig-Maximilians
University of Munich/DE
Abdominal/Emergency
Radiology



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University Hospital
Maastricht/NL
Abdominal Imaging



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Hospitals NHS Trust &
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Head and Neck Radiology



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Hôpital Erasme
Brussels/BE
Abdominal Imaging



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New York/USA
Breast Imaging



Julie Olliff
University Hospital
Birmingham - Queen
Elizabeth Medical
Centre Birmingham/GB
Hepatobiliary Imaging



Bart Op de Beeck
Antwerp University
Hospital
Antwerp-Edegem/BE
Abdominal Imaging



Paul M. Parizel
Antwerp University
Hospital,
Antwerp-Edegem/BE
Neuroradiology



Martine Remy-Jardin
Hôpital Calmette -
University Center of
Lille/FR
Thoracic Imaging



Evis Sala
Memorial Sloan-Kettering
Cancer Center,
New York/USA
Oncologic Imaging



**Claudia
Schüller-Weidekamm**
Medical University of
Vienna/AT
Musculoskeletal Imaging



Catherine Oppenheim
Centre Hospitalier
Sainte Anne
Paris/FR
Neuroradiology



Charles Peebles
Southampton University
Hospitals NHS Trust,
Southampton/GB
Cardiac Imaging



Philip Robinson
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tals, Leeds/GB
Musculoskeletal Imaging



Heinz-Peter Schlemmer
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Hospital, Heidelberg/DE
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London/GB
Contrast Enhanced
Ultrasound



Mohammed Ouhlous
Erasmus MC - University
Medical Centre
Rotterdam/NL
Cardiac Imaging



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Medical University of
Vienna/AT
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University, Cleveland/USA
Musculoskeletal Radiol-
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Freiburg/DE
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NHS Trust -
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Breast Imaging



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Leuven/BE
Thoracic Imaging



Florian Wolf
Medical University of
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Cardiac Imaging

Tutors 2013

Friedrich Aigner

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Chu De Montpellier -
Gui De Chauliac,
Montpellier/FR
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Bellaria Hospital, Bologna/IT
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Elmar Merkle

University Hospital Basel/CH
Oncologic Imaging

Danièle Pariente

Hôpital Bicêtre-Aphp
Le Kremlin Bicetre Cedex/FR
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Gwynedd/GB
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Marcelo Sanchez

Hospital Clinic of Barcelona/ES
Chest Imaging

Maria E. Sellars

King's College Hospital
Foundation Trust, London/GB
Paediatric Radiology

Roland Wiest

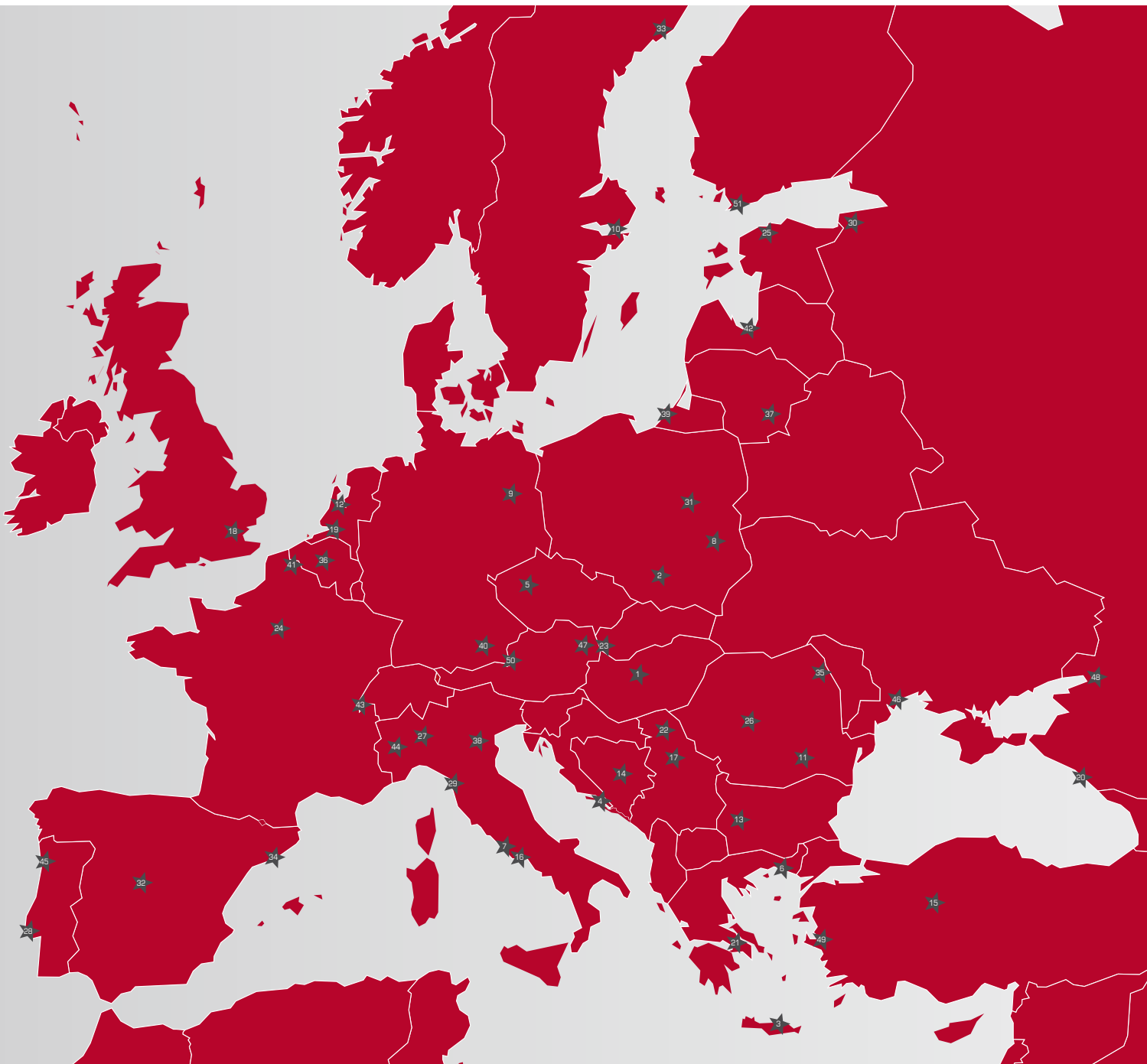
University of Bern, Inselspital,
Institute of Diagnostic and
Interventional Neuroradiology
Bern/CH
Neuroradiology



Cities/Countries visited 2006–2013

Europe

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



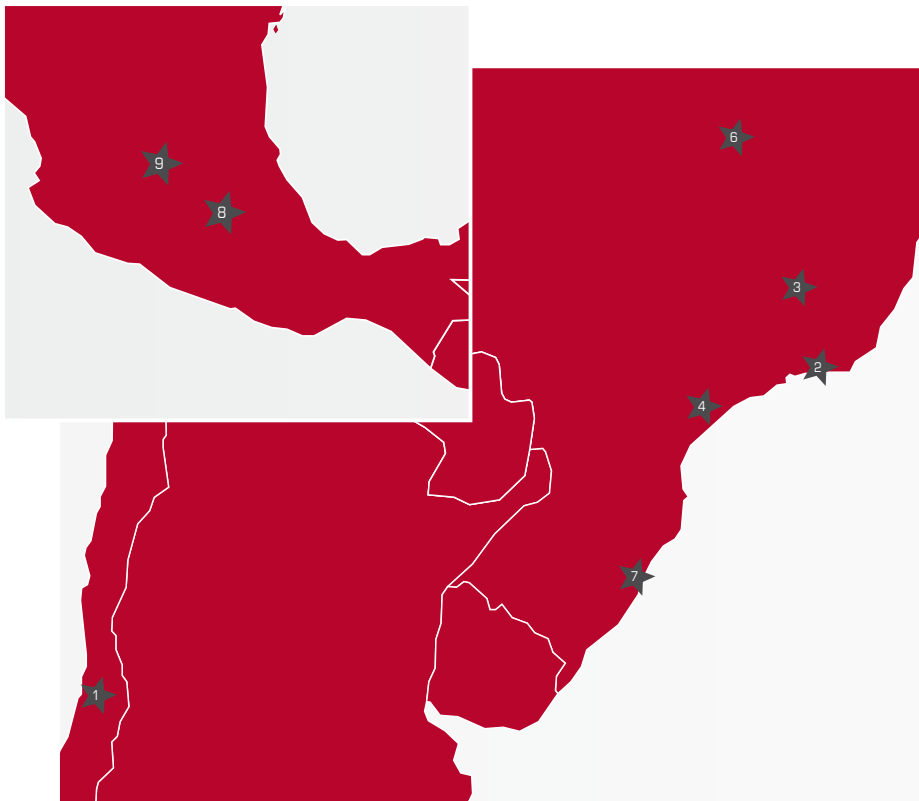
Asia

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



Middle East

- 1 Beirut/Lebanon
- 2 Jeddah/Saudi Arabia
- 3 Amman/Jordan
- 4 Kuwait/Kuwait



Latin America

- 1 Santiago/Chile
- 2 Rio de Janeiro/Brazil
- 3 Belo Horizonte/Brazil
- 4 Sao Paulo/Brazil
- 5 Salvador/Brazil
- 6 Brasilia/Brazil
- 7 Porto Alegre/Brazil
- 8 Mexico City/Mexico
- 9 San Miguel Allende/Mexico

ESOR at ECR 2013



ESOR Session **Fostering future researchers**

Moderators:

G.P. Krestin, Rotterdam/NL
N. Gourtsoyiannis, Athens/GR

Introduction

G.P. Krestin, Rotterdam/NL

ESOR in action 2013

N. Gourtsoyiannis, Athens/GR

Research training for residents

L. Marti-Bonmati, Valencia/ES

PhD in residency programmes

S. Trattnig, Vienna/AT

Preparing research trials

R. Beets-Tan, Maastricht/NL

Awards

On the occasion of the session, scholars and fellows were awarded certificates for successfully completing the 2012 Visiting Scholarship Programmes, Exchange Programmes for Fellowships and Teach-the-Teachers programmes.



Notes

Notes

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