

ANNUAL REPORT 2012



Education in partnership



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Memorial Sloan-Kettering Cancer Center



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



King Saud bin AbdulAziz University for Health Sciences (KSAU-HS)



Jo Li Charitable Trust

Thank you!

REVIEW 2012



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 structuring and offering complementary radiological education of high standards, both in Europe and worldwide. During 2012 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 organised, mentored and modular opportunities to learn from exchange.

2012 marks also the completion of six years of ESOR in action, six 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 by expanding education. ESOR takes pride in being instrumental in mobilising resources available for radiological education in Europe and world-wide, 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 2012 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

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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.

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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 2012 five foundation and four advanced courses have been organised, covering topics across the modalities reaching a total number of 525 participants.

GALEN Foundation Courses

Five GALEN Foundation Courses aimed at residents in their first, second or third year of training in radiology took place in partnership with GE Healthcare Medical Diagnostics South Central Europe. The courses were dedicated to neuroradiology, breast/oncologic imaging as well as chest and paediatric radiology. They were attended by a total of 304 residents from 34 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 GE Healthcare. The courses were dedicated to topics in cross-sectional imaging (cardiac, head and neck, emergency, musculoskeletal) and were attended by 221 doctors from 32 countries.

GALEN Foundation Courses

Neuroradiology

April 26–28, 2012
Novi Sad/Serbia

Local organiser:

M. Lucic, Novi Sad/RS

Topics and Faculty:

Spinal tumours

M. Lucic, Novi Sad/RS

Structural MR imaging in movement disorders

R. Semnic, Novi Sad/RS

MRI of the fetal central nervous system

K. Koprivsek, Novi Sad/RS

Cross-sectional anatomy of the brain revisited

P. Parizel, Antwerp/BE

CNS injuries

I. Björkman-Burtscher, Lund/SE

Multiple sclerosis and differential diagnosis

T. Yousry, London/UK

CNS malignancies

S. Karampekios, Heraklion/GR

CNS infectious diseases

C. Andreula, Bari/IT

Stroke: diagnosis and therapy

E. Papadaki, Heraklion/GR

Epilepsy

T. Stosic-Opincal, Belgrade/RS

White matter diseases

P. Parizel, Antwerp/BE

Degenerative diseases of the spine

M. Gallucci, L'Aquila/IT

Number of participants: 52

Country statistics: Belgium 2, Bosnia and Herzegovina 5, Bulgaria 2, Croatia 1, Italy 1, Lithuania 5, Macedonia 4, Montenegro 1, Poland 2, Serbia 23, Slovakia 2, Slovenia 1, Ukraine 3

Breast Imaging

May 10–12, 2012
Prague/Czech Republic

Local organiser:

J. Daneš, Prague/CZ

Topics and Faculty:

US guided core biopsy - efficiently, quickly and easily

J. Daneš, Prague/CZ

Breast Ultrasonography: tips and tricks

P. Steyerova, Prague/CZ

Mammographic reading session

J. Cervenkova, Prague/CZ

Mammography: technique, BIRADS and more

P. Skaane, Oslo/NO

Mammography: calcifications

L.J. Pina Insausti, Barcelona/ES

Ultrasonography: technique, BIRADS and more

I. Schreer, Kiel/DE

Ultrasonography: solid lesions

G. Forrai, Budapest/HU

Mammography: mass and non-mass lesions

P. Skaane, Oslo/NO

MRI: technique, BIRADS and more

A. Athanasiou, Paris/FR

Mass lesions

F. Sardanelli, Milan/IT

Non-mass lesions

P. Baltzer, Jena/DE

Interventional techniques in breast imaging

T. Helbich, Vienna/AT

Number of participants: 49

Country statistics: Argentina 2, Austria 1, Bulgaria 1, Croatia 1, Czech Republic 14, Iran 1, Latvia 2, Netherlands 2, Poland 8, Romania 13, Serbia 1, Slovakia 2, Turkey 1

GALEN Foundation Courses

Oncologic Imaging

June 21–23, 2012
Athens/Greece

Local organiser:

P. Prassopoulos, Alexandroupolis/GR

Topics and Faculty:

Pleural tumours

A. Oikonomou, Alexandroupolis/GR

Adrenal tumours

N. Courcoutsakis, Alexandroupolis/GR

Multiple myeloma

A. Mouloupoulos, Athens/GR

Imaging in peritoneal malignancies

P. Prassopoulos, Alexandroupolis/GR

Head and neck cancer

R. Hermans, Leuven/BE

Gastroesophageal cancer

M. Laniado, Dresden/DE

Liver malignancies

Ch. Stoupis, Zurich/CH

Pancreatic tumours

Ch. Triantopoulou, Athens/GR

Renal parenchymal tumours

U. Mueller-Lisse, Munich/DE

Imaging of gynaecologic malignancies

E. Sala, Cambridge/UK

Colorectal cancer

A. Freeman, Cambridge/UK

Brain tumour imaging

S. Karampekios, Heraklion/GR

Number of participants: 73

Country statistics: Austria 3, Belgium 2, Canada 1, Colombia 1, Czech Republic 5, Greece 52, Norway 1, Poland 1, Romania 3, Russia 2, Slovakia 1, Sweden 1

Chest Radiology

September 6–8, 2012
Riga/Latvia

Local organiser:

M. Epermane, Riga/LV

Topics and Faculty:

Tuberculosis of the lung, has it changed?

E. Kadakovska, Riga/LV

The role of radiologists in lung cancer (lung cancer and differential diagnosis)

A. Platkajis, Riga/LV

Cardiac Imaging, when and how?

N. Valeviciene, Vilnius/LT

Plain film and CT of the mediastinum and hilum: pitfalls vs disease

P. Vock, Bern/CH

Pulmonary infections

A. Nair, London/UK

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

M. Puderbach, Heidelberg/DE

Pulmonary nodule: screening, detection and characterization (CT, MRI, PET)

A. Larici, Rome/IT

Benign and malignant diseases of the pleura and chest wall

J. Verschakelen, Brussels/BE

MRI of the lung; how, when and why

J. Biederer, Kiel/DE

Interstitial lung disease

C. Schaefer-Prokop, Amersfoort/NL

Thoracic trauma

K. Malagari, Athens/GR

The postoperative lung: normal findings and pathologies

R. Eibel, Schwerin/DE

Number of participants: 70

Country statistics: Austria 2, Croatia 2, Denmark 1, Estonia 10, Germany 1, Hungary 4, Italy 2, Latvia 19, Lithuania 6, Norway 1, Poland 5, Portugal 5, Romania 6, Sweden 2, Switzerland 3, Turkey 1

Paediatric Radiology

October 25–27, 2012

Cluj/Romania

Local organiser:

S. Petcu, Cluj/RO

Topics and Faculty:

Imaging of digestive malformations to newborn and infant

M. Coman, Bucharest/RO

When, how and what for I perform MCU in children

B. Olteanu, Bucharest/RO

Medical imaging in approaching children with hydronephrosis

A. Santa, Sibiu/RO

Good quality head US – basics, typical findings, documentation, tips and tricks

M. Riccabona, Graz/AT

How to do abdominal US and what to look for

F. Avni, Brussels/BE

US of the hip and so. tissues

G. Sebag, Paris/FR

The role of contrast media in conventional paediatric radiology

V. Donoghue, Dublin/IE

Interpreting chest X-ray in children from easy to complicate

R. van Rijn, Amsterdam/NL

Basics of neuro MRI in children

M. Argyropoulou, Athens/GR

How to read paediatric head CT

E. Vazquez Mendez, Barcelona/ES

How to do chest CT in children

P. Garcia-Peña, Barcelona/ES

How to do abdominal CT in trauma and acute conditions

M. Raissaki, Heraklion/GR

Number of participants: 60

Country statistics: Austria 1, Belgium 1, Estonia 1, France 1, Germany 1, Greece 1, Lithuania 2, Poland 1, Portugal 1, Romania 45, Sweden 2, Turkey 3



GALEN Advanced Courses

Cardiac Cross-Sectional Imaging

May 3–4, 2012
Warsaw/Poland

Local organiser:

J. Walecki, Warsaw/PL

Topics and Faculty:

**Coronary heart disease:
role and potentials of coronary CT angiography**
K. Nikolaou, Munich/DE

**Calcium scoring and plaque
imaging with CT and MRI**
H. Alkadhi, Zurich/CH

**Imaging of coronary heart disease
after treatment: bypasses and stents**
M. Francone, Rome/IT

Myocardium perfusion and viability (MRI)
A. Madureira, Porto/PT

Non-ischemic cardiomyopathies (MRI)
J. Barkhausen, Luebeck/DE

Cardiac tumours (CT, MRI)
R. Maksimovic, Belgrade/RS

**Congenital heart disease in
children and adults (CT, MRI)**
N. Kelekis, Athens/GR

Valvular heart disease (CT, Echo, MRI)
H.-C. Becker, Munich/DE

**Valvular heart disease:
planning of minimally invasive valvular repair (CT)**
R. Salgado, Antwerp/BE

Number of participants: 39

Country statistics: Austria 1, Belgium 1, Bulgaria 1, Germany 3, Italy 1, Latvia 4, Poland 26, Spain 2

Head and Neck Cross-Sectional Imaging

June 28–29, 2012
Geneva/Switzerland

Local organiser:

M. Becker, Geneva/CH

Topics and Faculty:

Imaging of facial pain
M. Becker, Geneva/CH

Imaging of facial palsy
F. Veillon, Strasbourg/FR

Imaging of reflex otalgia
A. Borges, Lisbon/PT

Imaging of tinnitus and vertigo
J. Casselman, Bruges/BE

Imaging of dysphagia
A. Trojanowska, Lublin/PL

Imaging of salivary gland swelling
N.J.M. Freling, Amsterdam/NL

Imaging of rhinorrhea
B. Schuknecht, Zurich/CH

Imaging of hoarseness
R. Maroldi, Brescia/IT

Imaging of the lower neck mass
M. Mack, Frankfurt/DE

Number of participants: 48

Country statistics: Australia 1, France 3, Germany 3, Greece 1, India 1, Iran 1, Ireland 1, Italy 1, Netherlands 1, Poland 2, Romania 2, Russia 1, Spain 2, Switzerland 27, Turkey 1

Emergency Radiology

September 27–28, 2012
Turin/Italy

Local organiser:

C. Faletti, Turin/IT

Topics and Faculty:

Mechanism of traumatic injury and MDCT protocols: the right protocol for the right patient

I. Arkhipova, Moscow/RU

Non-traumatic intracranial emergencies

M. Thurnher, Vienna/AT

Non-aortic chest trauma

M. Tonerini, Pisa/IT

Acute non-traumatic chest pain

D. Kool, Nijmegen/NL

Abdominal traumatic injuries: key rules for managing

M. Scaglione, Naples/IT

Acute lower abdominal pain

M. Zins, Paris/FR

Top 10 paediatric emergencies

M. Raissaki, Heraklion/GR

Non-traumatic vascular emergencies

M. Treitl, Munich/DE

Management in MSK politrauma at presentation

C. Faletti, Turin/IT

Number of participants: 52

Country statistics: Australia 2, Austria 1, Croatia 1, Czech Republic 2, Estonia 1, France 3, Germany 3, Greece 3, Hungary 1, Iran 1, Italy 9, Malta 1, Netherlands 1, New Zealand 1, Poland 6, Romania 2, Russian Federation 1, Spain 3, Switzerland 4, Turkey 4, United Kingdom 1, United States of America 1

Musculoskeletal Cross-Sectional Imaging

November 1–2, 2012
Porto/Portugal

Local organiser:

A. Vieira, Porto/PT

Topics and Faculty:

Hip impingement syndromes: normal vs. abnormal

A. Kassarian, Madrid/ES

Bone marrow MRI

P. Omoumi, Brussels/BE

Imaging of rheumatological disorders

F. Kainberger, Vienna/AT

Imaging of the shoulder (CT/MRI)

M. Rutten, 'S-Hertogenbosch/NL

MRI of the knee

A. Vieira, Porto/PT

Role of MRI in diabetic foot

A. Cotten, Lille/FR

Sports injuries

M. Maas, Amsterdam/NL

Bone tumours

J. Gielen, Antwerp/BE

Soft tissue tumours

F. Vanhoenacker, Antwerp/BE

Number of participants: 82

Country statistics: Belgium 6, Denmark 2, France 1, Germany 4, Italy 2, Kenya 1, Latvia 3, Moldova 1, n.a. 1, The Netherlands 4, Poland 5, Portugal 42, Romania 2, Spain 4, Switzerland 3, United Kingdom 1



Greek: Ἀσκληπιός
Latin: Aesculapius

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

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

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

ASKLEPIOS Courses in Europe and the Middle East

The ASKLEPIOS programme was expanded to include seven courses, held in Europe and the Middle East. Content wise these were multi-thematic or multimodality advanced courses aimed, in particular, at general radiologists and private practitioners. As the ASKLEPIOS courses are tailored to address recognised needs, both new topics and new cities were explored.

One of those multimodality courses was held in Bucharest/Romania in partnership with Euro-medica and was attended by 76 radiologists from all over Europe. The partnership with Covidien led to a multi-thematic course, held in Odessa/Ukraine with 64 participants, a second one on oncologic imaging held in Jeddah/Saudi Arabia, attended by 114 radiologists, and a third one on abdominal imaging, organised in Kuwait City/Kuwait with 93 participants.

The long-term partnership with Bracco was continued with one ASKLEPIOS course on contrast enhanced ultrasound, organised in Barcelona/Spain, which attracted 66 participants from 15 countries.

For the first time ESOR 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 of Cancer Imaging”. It was attended by 64 participants from 16 countries.

This first ESOR course on “Imaging Biomarkers” took place in Vienna/Austria and attracted 35 participants from 14 countries. The aim of the course was to present the principles of imaging biomarkers, to understand the paradigm shifting from morphology to quantifying function, to advice on biomarker development and to illustrate how imaging biomarkers are used in several specific diseases.

Oncologic Imaging

February 15–16, 2012
Jeddah/Saudi Arabia

Local organiser:

S. Lingawi, Jeddah/SA

Topics and Faculty:

**Laryngeal and nasopharyngeal tumours:
diagnosis and staging**

S. Lingawi, Jeddah/SA

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

A. Larici, Rome/IT

**Small bowel malignancies:
radiologic-pathologic correlations**

N. Gourtsoyannis, Athens/GR

Advanced abdominal MRI protocols for oncology

E. Rummeny, Munich/DE

**Primary malignancies of the cirrhotic and
noncirrhotic liver**

G. Brancatelli, Palermo/IT

**Solid pancreatic tumours:
imaging protocols, staging and resectability**

B. Marincek, Zurich/CH; Cleveland/US

Detection and characterisation of adrenal masses

R. Pozzi Mucelli, Verona/IT

**Peritoneal dissemination of GI and
gynaecological malignancies**

P. Prassopoulos, Alexandroupolis/GR

Imaging bone neoplasms

N. Al Nakshabandi, Riyadh/SA

Number of participants: 114

Country statistics: Saudia Arabia 114

Imaging Biomarkers

February 29, 2012
Vienna /Austria

Moderator:

L. Martí-Bonmatí, Valencia/ES

Topics and Faculty:

**Biomarkers: from morphology to
quantifying function**

L. Martí-Bonmatí; Valencia/ES

Imaging biomarkers in diffuse liver disease

B. Van Beers; Clichy/FR

Imaging biomarkers in cancer

A. Padhani; Northwood/UK

**Imaging biomarkers in degenerative
cartilage disease**

S. Trattnig; Vienna/AT

Imaging biomarkers in diffuse kidney disease

N. Grenier; Bordeaux/FR

Imaging biomarkers in cardio-vascular disease

J.-P. Vallée; Geneva/CH

Number of participants: 35

Country statistics: Austria 10, Belgium 1, Germany 2,
Hungary 1, India 2, Iran 1, Italy 4, Palestina 1, Poland 2,
Portugal 1, Romania 1, Spain 5, United Kingdom 2,
United States of America 2

ASKLEPIOS Courses

Multimodality Course

May 18–19, 2012
Bucharest/Romania

Local organiser:

I. Lupescu, Bucharest/RO

Topics and Faculty:

Imaging CNS malignancies

F. Fellner, Linz/AT

Advanced abdominal MR imaging protocols for the oncologic patient

N. Papanikolaou, Heraklion/GR

Imaging chest pain

R. Capsa, Bucharest/RO

Radiologic-pathologic correlations of benign masses and invasive breast carcinomas

T. Tot, Falun/SE

CEUS of the liver: clinical significance in oncology

S. Yarmenitis, Athens/GR

Imaging liver metastases

C. Ayuso, Barcelona/ES

Imaging bile duct tumours

R. Maksimovic, Belgrade/RS

Imaging renal tumours

A. Palkó, Szeged/HU

MRI of inflammatory pelvic lesions

R. Forstner, Salzburg/AT

Multithematic Course

October 5–6, 2012
Odessa/Ukraine

Local organiser:

G. Karmazanovsky, Moscow/RU

Topics and Faculty:

CT perfusion of the brain

M. Prokop, Nijmegen/NL

Imaging of masses of the neck

R. Maroldi, Brescia/IT

Lung cancer: staging and characterisation

H.-U. Kauczor, Heidelberg/DE

Pearl and pitfalls in cardiac CT

V. Sinitsyn, Moscow/RU

Metastatic disease of the liver

G. Karmazanovsky, Moscow/RU

MRI of the rectum

S. Gourtsoyianni, Athens/GR

MRI in gynaecologic oncology

D. Akata, Ankara/TR

Imaging bone tumours

K. Verstraete, Gent/BE

MR imaging of the breast

S. Vinnicombe, Dundee/UK

Number of participants: 76

Country statistics: Greece 7, Hungary 2, Ireland 2, Lithuania 5, Poland 3, Portugal 2, Romania 54, Serbia 1

Number of participants: 64

Country statistics: Moldova 2, Russian Federation 41, Turkey 6, Ukraine 15

Multidisciplinary Approach of Cancer Imaging

October 18–20, 2012

Rome/Italy

Local organiser:

L. Bonomo, Rome/IT

Topics and Faculty:

Imaging technology in radiology and radiotherapy: protocols that matter

PET

U. Nestle, Freiburg/DE

MRI

Y. Menu, Paris/FR

Radiation therapy technology

V. Valentini, Rome/IT

Thoracic cancer–lung and oesophageal tumour imaging evidences: anatomical, functional, monitoring, follow-up

Pathways of lung and oesophageal tumour spread and relevant treatment options

D. Zips, Dresden/DE

Imaging local tumour and nodal spread before, during and after treatment

L. Bonomo, Rome/IT

Imaging guided adaption of treatment before and after

U. Nestle, Freiburg/DE

Liver tumours: primary liver tumour and colorectal metastases: anatomical, functional, monitoring and follow-up imaging

Treatment options

G. Lammering, Maastricht/NL

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

G. Battista Doglietto, Rome/IT

CT and MRI of pancreatic tumours:

imaging features before, during and after treatment

R. Manfredi, Verona/IT

Imaging guided adaptation of treatment: before, during and after

G. Lammering, Maastricht/NL

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

Imaging local tumour and nodal spread: before, during and after treatment

R. Beets-Tan, Maastricht/NL

Imaging guided adaptation: before, during and after treatment

V. Valentini, Rome/IT

Number of participants: 64

Country statistics: Australia 3, Canada 1, Croatia 1, Germany 5, Greece 5, Ireland 1, Italy 15, Netherlands 10, Norway 2, Poland 11, Russian Federation 1, Saudi Arabia 1, Slovenia 1, Spain 1, Sweden 2, Turkey 4

ASKLEPIOS Courses

Contrast Enhanced Ultrasound (CEUS)

November 15–16, 2012
Barcelona/Spain

Local organiser:

L. Donoso, Barcelona/ES

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**
T. Albrecht, Berlin/DE

**Liver: US and CEUS of focal liver lesions (FLL):
diagnosis in cirrhotic liver**
C. Nicolau, Barcelona/ES

**CEUS of FLL: intraoperative, ablations,
chemotherapy**
L. Solbiati, Busto Arsizio/IT

**Liver: US and CEUS of diff use lesions
and liver transplantation**
P. Sidhu, London/UK

CEUS of the spleen and pancreas
M. D'Onofrio, Verona/IT

CEUS of the kidney
J.-M. Correas, Paris/FR

Macrovasculature
D. Clevert, Munich/DE

Number of participants: 66

Country statistics: Brazil 1, Croatia 1, Denmark 2, Finland 1, France 1, Greece 1, Ireland 1, Italy 3, Portugal 3, Singapore 1, Spain 45, Sweden 1, Switzerland 2, The Netherlands 1, United Kingdom 2

Abdominal Imaging

December 12–13, 2012
Kuwait City/Kuwait

Local organiser:

S. Al-Kandery, Kuwait City/KW

Topics and Faculty:

Solid liver tumours in the non-cirrhotic liver
F. Caseiro-Alves, Coimbra/PT

Cirrhosis and hepatocellular carcinoma
C. Bartolozzi, Pisa/IT

MR imaging of cystic pancreatic tumours
P. Reimer, Karlsruhe/DE

CT enterography in Crohn disease
G.A. Rollandi, Genoa/IT

MR enteroclysis: strengths and weaknesses
N. Gourtsoyiannis, Athens/GR

CT colonography: how to do it, how to interpret it
A. Laghi, Latina/IT

Rectal cancer: imaging and staging
S. Jackson, Plymouth/UK

Imaging renal tumours
M. Sheikh, Kuwait/KW

Imaging of prostate cancer
H.-P. Schlemmer, Heidelberg/DE

Number of participants: 94

Country statistics: Egypt 6, Jordan 7, Kuwait 66, Lebanon 5, Qatar 2, Saudi Arabia 5, United Arab Emirates 3

ESMRMB School of MRI

Creating educational ties and partnerships with other societies in the broader domain of imaging is a key feature of the ESOR philosophy. In 2008 such partnership has been successfully built up with the School of MRI course programme 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 Applied MR Techniques as well as Advanced Clinical Courses. 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 2012 ten School of MRI courses took place, with altogether 548 participants from 47 different countries. Besides reduced registration fees for ESR and ESMRMB members as well as students and residents in training, the School of MRI offers a support programme in cooperation with its exclusive sponsor Bayer Pharma AG. In 2012 8 grants have been provided to residents from less developed countries offering them free registration to the course as well as a contribution to travel and lodging.

Thanks to the continuing support of the sponsor of the School of MRI course programme, the commitment of the organisers and speakers, the ESMRMB held 118 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	London	April 18-20	65
Advanced MR Imaging of the Musculoskeletal System	Glasgow	April 26-28	65
Clinical fMRI & DTI - Theory and Practice	Uppsala	May 24-26	65
Advanced MR Imaging in Paediatric Radiology	Barcelona	June 14-16	44
Advanced Breast & Female Pelvis MR Imaging	Budapest	June 28-30	52
Advanced MR Imaging of the Abdomen	Ankara	September 6-8	56
Advanced Cardiac MR Imaging	Florence	September 6-8	54
MR Safety	Vienna	October 18-20	25
Advanced Neuro Imaging: Diffusion, Perfusion, Spectroscopy	Antwerp	October 25-27	61
Advanced Head & Neck MR Imaging	Rotterdam	November 1-3	61

AIMS Asia 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 School 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 Changchun, Qingdao and Nanchang which attracted a total of 450 Chinese radiologists.

Advanced Imaging Multimodality Seminar 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 Shanghai and Seoul, with joint European, Chinese and Korean faculties and attracted 90 Chinese and 60 Korean radiologists, a total of 150 participants.

Schools on Cardiovascular Imaging

Dates and Venues:

April 17, Changchun/CN (150 participants)
April 19, Qingdao/CN (150 participants)
April 21, Nanchang/CN (150 participants)

Local Chairmen:

Haishan Yang, Changchun/CN
Wenjian Xu, Qingdao/CN
Honghan Gong, Nanchang/CN

Topics and Faculty:

CT for acute chest pain

Christian Loewe, Vienna/AT

CT in the diagnosis of CAD

Bin Lu, Beijing/CN

Imaging myocardium viability and ischemia

Marco Francone, Rome/IT

Imaging diagnosis of aortic disease

Zhaoqi Zhang, Beijing/CN

Diagnosis and treatment of aortic aneurysms

Malgorzata Szczerbo-Trojanowska, Lublin/PL

MR imaging of cardiomyopathies

Shihua Zhao, Beijing/CN

Imaging diagnosis of CAD

Jianding Ye, Shanghai/CN

Seminars on Neuroradiology

Dates and Venues:

July 12, Shanghai/CN (90 participants)
July 14, Seoul/KR (60 participants)

Local Chairmen:

Minghua Li, Shanghai/CN
Sang Joon Kim, Seoul/KR

Topics and Faculty:

Diffusion-weighted imaging (DWI) and diffusion tensor imaging (DTI) in brain tumours: technique and clinical applications

Paul Parizel, Antwerp/BE

Perfusion imaging in brain tumours: technique and clinical applications

Majda Thurnher, Vienna/AT

MRS brain tumour

Xiaoyuan Feng, Shanghai/CN

Differential diagnosis of pituitary mass

Feng Feng, CN

MRI imaging in the diagnosis of CNS germinoma

Lin Ma, CN

Advanced multiparametric imaging techniques in paediatric brain tumours

Paul Griffiths, Sheffield/UK

Brain connectivity - DTI and resting state MRI

Seung-Koo Lee, Seoul/KR

MR evaluation of treatment response in glioma: multiparametric analysis

Sung Tae Kim, Seoul/KR

Imaging of stroke - updates

Chul Ho Sohn, Seoul/KR

AIMS Latin America Advanced Imaging Multimodality Seminars

The long-term partnership with Bracco was expanded to include two new seminars in South America, dedicated to "Oncologic Imaging of the Abdomen". This newly introduced feature was held in Brazil in partnership with the Brazilian College of Radiology (CBR) and was aimed at participants from Brazil and neighbouring countries, in particular last year residents, fellows in abdominal imaging and certified general radiologists or specialists. Both courses, in Sao Paulo and Salvador, were attended by 90 Brazilian radiologists each.

Seminars on Oncologic Imaging of the Abdomen

Dates and Venue:

August 16–17, Sao Paulo/BR (90 participants)

August 18–19, Salvador/BR (90 participants)

CBR representative:

M. Aparecido, Sao Paulo/BR

ESR/ESOR representative:

N. Gourtsoyiannis, Athens/GR

Local Organisers:

L. Costa, Brazil

J. Ferreira, Salvador/BR

Topics and Faculty:

Abdominal MRI protocols for oncology: a practical guide

C. Matos, Brussels/BE

Imaging primary small bowel malignancies

N. Gourtsoyiannis, Athens/GR

Imaging evaluation of treatment outcomes

L. Martí-Bonmatí, Valencia/ES

Defining renal tumours characteristics

R. Pozzi-Mucelli, Verona/IT

Workup of metastatic liver disease

A. Eiras, Rio de Janeiro/BR

Cancer of the ovary: relevance of MR imaging to patient management

R.H. Reznek, London/UK

Pearls and pitfalls in imaging bile duct tumours

C. Triantopoulou, Athens/GR

Multiparametric imaging of prostate cancer

R. Hueb Baroni, Sao Paulo/BR

Differential diagnosis of cystic pancreatic tumours

M. Rocha, Sao Paulo/BR

Visiting Professorship Programme

The Visiting Professorship Programme is another newly introduced educational activity of ESOR, complementing and rounding off its existing international activities and therefore it is aimed at countries outside Europe and across the globe. It was for the first 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 2012 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 15/ Shanghai	Zhongshan Hospital – Fudan University European Faculty: R. Beets-Tan, Maastricht/NL; R. Hermans, Leuven/BE; V. Sinitsyn, Moscow/RU Chinese Faculty: Zhen Meng-su, Shanghai/CN
March 17/Tianjin	Tianjin Medical University General Hospital European Faculty: R. Beets-Tan, Maastricht/NL; R. Hermans, Leuven/BE; V. Sinitsyn, Moscow/RU Chinese Faculty: Zhang Yunting, Tianjin/CN
May 25/Shenyang	Shengjing Hospital of China Medical University European Faculty: G. Brancatelli, Palermo/IT; Y. Menu, Paris/France Chinese Faculty: Guo Qiyong, Shenyang/CN
May 27/Changsha	Second Xiangya Hospital, Central South University European Faculty: G. Brancatelli, Palermo/IT; Y. Menu, Paris/France Chinese Faculty: Zhou Shunke, Changsha/CN
June 8/ Chengdu	West China Medical School - West China Hospital, Sichuan University European Faculty: M.F. Reiser, Munich/DE; R.H. Reznick, London/UK Chinese Faculty: Song Bin, Chengdu/CN
June 10/ Shanghai	Shanghai Changzhen Hospital Renji Hospital Shanghai Jiao Tong University European Faculty: M.F. Reiser, Munich/DE; R.H. Reznick, London/UK Chinese Faculty: Liu Shi-yuan, Shanghai/CN; Xu Jian-rong Shanghai/CN
September 7/ Beijing	Chinese PLA General Hospital European Faculty: A. Laghi, Rome/IT; V. Vilgrain, Clichy/FR Chinese Faculty: Yang L, Beijing/CN
September 9/Zhengzhou	The First Affiliated Hospital of Zhengzhou University European Faculty: A. Laghi, Rome/IT; V. Vilgrain, Clichy/FR Chinese Faculty: Gao Jian-bo, Zhengzhou/CN
November 9/ Nanjing	Nanjing Drum Tower Hospital, The Affiliated Hospital of Nanjing University European Faculty: H.-U. Kauczor, Heidelberg/DE; H.-C. Becker, Munich/DE Chinese Faculty: Zhu Bin, Nanjing/CN
November 11/ Guangzhou	Guangdong General Hospital European Faculty: H.-U. Kauczor, Heidelberg/DE; H.-C. Becker, Munich/DE Chinese Faculty: Liang Changhong, Guangzhou/CN

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

Further Activities

Partnership with the European Society of Neuroradiology

The ESNR and its European Courses on Neuroradiology (ECNR) continued its 11th cycle with a course held in spring on trauma, degenerative, metabolic, inflammatory diseases with 219 participants. The autumn ECNR course (12th cycle) on embryology, anatomy, malformations of the CNS attracted more than 200 attendees.

E-Learning

The ESOR Online Courses, which are part of the ESR E-Learning Platform, offer radiologists high-quality teaching from home. In these courses e-learning content in the form of recorded lectures with presentation material is provided and linked to self-assessment tests. In summer 2012, 15 online courses were offered at a special low fee for a limited time. This was very successful since more than 800 persons accessed the courses. The ESR E-Learning platform is currently re-structured and will go on-line again during the year 2013. ESOR keeps contributing with content from ESOR courses also in the future.

Visiting Scholarship Programmes/ Exchange Programmes for Fellowships

Visiting Scholarship Programmes

Over the last five years more than 880 residents have applied for the ESOR Visiting Scholarship Programme, which emphasises the appeal of this rewarding programme among residents. In 2012 the number of available programmes in Europe was increased to 37 with the support of Bracco, the ESR and a new partner, the Spanish Foundation of Radiology, which added one scholarship place for Spanish radiologists.

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. The programme was further expanded through partnership with the Jo Li Trust. As a result one Chinese radiologist was able to receive a grant supporting a three-month intensive training course in the UK.

In total more than 230 junior radiologists have applied for the various programmes.

Exchange Programmes for Fellowships

In partnership with the European subspecialty societies, 24 junior radiologists had the possibility to pass modular training in their chosen subspecialty. The programmes included abdominal imaging (ESGAR – five trainees), breast imaging (EUSOBI – two trainees), cardiac imaging (ESCR – two trainees), head and neck imaging (ESHNR – three trainees), neuroradiology (ESNR – five trainees), paediatric imaging (ESPR – four trainees) and thoracic imaging (ESTI – four trainees). In total over 80 young radiologists applied for the various topics.

These Exchange Programmes for Fellows, 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 one fellow by offering a six months training course on breast imaging.

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

Visiting Scholarship Programme

My experience



Ana Andrés Paz

Hospital Universitario Marqués De Valdecilla, Santander, Spain

Topic: Abdominal Radiology

Training centre: Hôpital Pitié-Salpêtrière, Paris, France

The ESOR Visiting Scholarship Programme at the Radiology Department of Pitié-Salpêtrière, Paris, France, was an outstanding chance to expand my knowledge of abdominal radiology. During three months, I participated in all the activities of the department, from screening diagnostic imaging, diagnostic biopsies and follow-up to advanced techniques such as DCE MRI, DWI MRI, CT-colonography and contrast enhanced ultrasound. I would like to express my gratitude to Prof.Ph. Grenier, Prof. Lucidarme and the rest of the staff who shared their knowledge and gave me the opportunity to participate in daily activities as well as in conferences, seminars and multidisciplinary staff meetings. Finally, I wish to make public acknowledgement to ESR and ESOR for giving me this breakthrough in my professional career and the chance of living this enriching experience in a city as amazing as Paris.



Emmanuel Astrinakis

University Hospital of Alexandroupolis, Democritus University of Thrace, Alexandroupolis/Greece

Topic: Musculoskeletal Radiology

Training centre: Case Western Reserve University, Cleveland/USA

I am very grateful to ESR, ESOR and Professor Ros for awarding me a three-month Scholarship in the Department of Radiology at Case Medical Center, in Cleveland. It has been a privilege and an excellent educational opportunity to work with my tutor, Dr. Robin and his exceptional colleagues, Dr. Young and Dr. Kosmas. The educational experience surpassed by far my expectations and strengthened my interest for Musculoskeletal Radiology. I had a unique training experience in diagnostic as well as interventional MSK procedures, while I was also able to attend numerous high level multi-disciplinary conferences and Ground Rounds. Prof. Ros, my tutors, the fellows and the residents all contributed to a friendly atmosphere, making my stay unforgettable. I would strongly encourage other trainees to apply for such a fulfilling experience.



Svetlana Balyasnikova

N.N. Blokhin Russian Cancer Research Center, Moscow, Russia

Topic: Oncologic Imaging

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

This training was a great opportunity for me to broaden my horizon, as I was able to participate in the daily workflow of the Radiology Department at St Thomas' and Guy's NHS Hospital by means of reporting different images and assisting during imaging procedures, participating in MDMs (multidisciplinary meetings) and attending teaching sessions. With the help of my supervisor Dr. Zaid Viney I had a chance to acquire new knowledge and skills in Oncology Imaging by assisting in interpreting images from MRI, CT, CT-colonoscopy, US and PET-CT modalities. Thanks to Prof. Vicky Goh I was involved in a research project, results of which were sent to ESGAR e-poster session. Moreover I was incredibly lucky to spend the last weeks of my training with Dr. Gina Brown at Royal Marsden Hospital, and I would like to express my gratitude to her, as training with Dr. Brown was an unspeakable professional experience that I will put into practice in Moscow. I have learned a lot of new things and became more competent in colorectal cancer imaging concerning ways of reporting and making recommendation to general practitioners and surgeons. This training offered many great experiences for me, from new ways of perceiving and reporting each case history, to making foreign colleagues' acquaintances and to being able to discuss some interesting cases together and to work more efficiently on an international basis.



Helena Esteban Cuesta

Miguel Servet, Zaragoza/Spain

Topic: Paediatric Radiology

Training centre: Hôpital D'Enfants Armand-Trousseau, Paris/France

The ESOR scholarship enabled me to visit the Paediatric Radiology Department of the Armand Trousseau Hospital in Paris, mentored by Prof. Ducou le Pointe and Dr. Garel. I would like to thank the European School of Radiology and the Spanish Foundation of Radiology for organising and financing this three-month scholarship. I would also like to thank the members of staff for their help in arranging my visit and for the excellent teaching and in particular I would like to thank Dr. Garel for introducing me to antenatal imaging. I was fully involved in all the activities of the department, including reporting, interdisciplinary meetings, clinical research and daily teaching sessions. The department was very organised and well equipped, which made for a perfect environment to acquire the necessary skills in paediatric radiology. I think that it is essential for radiologist in training to meet different radiologic teams and ESOR scholarships are a great opportunity in that sense.



Rodrigo de Carvalho Flamini

Hospital Das Clínicas, Recife/Brazil

Topic: Oncologic Imaging

Training centre: Barts and the London NHS Trust - St Bartholomew's Hospital, London/United Kingdom

I attended the ESOR scholarship programme this year at St. Bart's Hospital in London tutored by Dr. Anju Sahdev. During those three months I had a great time there. I got experienced in CT, MRI and PET-CT features of many different types of tumours and I learnt a lot attending to the MDT meetings. There were plenty meetings and a lot of interesting cases were discussed every day! I also had the honour of spending some reading sessions with Prof. Rodney Reznek and on top of that I want to say that all the other trainees were very kind and helpful. At this point I would like to thank very much Yen Zhi Tang who thought me almost every day. She is a rising star! St Barts has an amazing atmosphere and I deeply suggest other trainees to spend time there.



Emilia Frankowska

Military Institute of Medicine, Warsaw/Poland

Topic: Emergency Radiology

Training centre: University of Insubria, Ospedale Di Circolo Fondazione Macchi, Varese/Italy

During my training period at Varese University Hospital I had the pleasure of having Prof. Gianpaolo Carrafiello as my tutor. I participated in the work of both Emergency Radiology and Interventional Radiology Departments with wide range of interesting cases along the way, including a large number of trauma patients. I was involved in performance and interpretation of various imaging studies, attended a number of multidisciplinary meetings and had the opportunity to assist during interventional vascular and non-vascular procedures. The team of radiologists that I worked with consisted of very helpful and experienced doctors. The ESOR Scholarship met my expectations in every way and gave me better perspective on up-to-date emergency radiology.



Mario Fusari

Policlinico Unina, Università degli Studi di Napoli Federico II, Napoli/Italia

Topic: Abdominal Radiology

Training centre: Hospital Clinic, Barcelona/Spain

I spent three months in the department of abdominal radiology in Hospital Clinic of Barcelona . It was a very interesting experience both on a personal and professional level. I think this department is one of the most advanced in Europe for the diagnosis and treatment of hepatobiliary diseases working with state-of-the-art imaging in MRI and CT. I was fully involved in all activities of the department including multidisciplinary meeting with clinicians, with hepatologists, pathologists, and surgeons; didactic session with other residents and daily routine. I would like to give my sincere gratitude to my supervisor Prof. Ayuso and all other radiologists in the department who have shared with me their time and their radiological knowledge. I also had the opportunity to see advanced interventional procedures performed by a very close-knit team in a very friendly atmosphere under the guidance of Dr. Burrel. ESOR Visiting Scholarship Programme in Barcelona: unforgettable experience!



Seyedmohammadali Hamedshamaee

Emam Reza And Qaem - Mashhad University of Medical Sciences, Iran

Topic: Cardiac Imaging

Training centre: Ludwig-Maximilians-University, Munich/Germany

My three-month ESOR Visiting Scholarship Programme in cardiac imaging began at Ludwig-Maximilians-University (Großhadern hospital) on 1/10/2012. When I came to the radiology department, I actually entered a large gracious family of many people, such as secretaries, technicians, residents and professors who helped me to spend my time in the most useful way. Presence of expert professors on cardiac imaging especially Prof. Becker brought me a lot of experiences in many fields of cardiac CT e.g myocardial perfusion scan, coronary CTA, congenital heart diseases, preoperative aortic valve assessment and calcium scoring. I also had opportunity to learn the acquisition and study of many cardiac MRI cases such as cardiomyopathy, myocardial infarction, myocarditis and ARVC. The excellent character of Prof. Dr. Hans-Christoph Becker (my tutor) and his paternal manner motivated me to take a lot of advantages. I really appreciate him as a great teacher. Furthermore I would like to express my heartfelt gratitude to Prof. Dr. M. Reiser (head of department), Dr. D. Theisen, Prof. Dr. K. Nikolaou, Prof. Dr. B. Ertl-Wagner, Prof. Dr. A. Graser, Dr. W. Flatz, Dr. D. Clevert, Dr. T. Johnson, Dr. W. Sommer and all other staff members. Finally I appreciate from ESOR especially Prof. Dr. Gourtsoyiannis (ESOR Scientific/Educational Director) for organising this useful programme. Scholarship programmes are the best way to help radiology residents in selecting a subspecialty that they want to focus on more in the future.



Adrian Hrusca

University of Medicine and Pharmacy «Iuliu Hațieganu», Department of Biophysics, University County Hospital Cluj-Napoca, Department of Radiology, Cluj-Napoca/Romania

Topic: Paediatric Imaging

Training centre: Hopital de la Timone Enfants /Timone Children's Hospital, Marseille/France

I am very thankful to ESR and ESOR for awarding me a three-month Visiting Scholarship in the Department of Paediatric Radiology from Timone Children's Hospital, Marseille, France. It has been a great academic experience and an excellent opportunity to work with my tutor Professor Philippe Petit and his colleagues in the Paediatric Radiology Departement. I had the privilege to work with renowned experts in the field, getting accustomed to advanced imaging modalities. Participating in daily routine work and also being involved in research gave me a broader view of clinical practice in Paediatric Radiology. This scholarship provided me with an excellent medical experience and intensified my determination to continue training in Paediatric Radiology.



Na Hu

West China Hospital, Sichuan University, Chengdu, P.R. China

Topic: Oncology Imaging

Training centre: Queen Elizabeth Hospital Birmingham, United Kingdom

The ESOR Jo Li Visiting Scholarship Programme gave me a fruitful chance of being trained on Oncology Imaging for three months at Queen Elizabeth Hospital Birmingham. Many thanks to my tutor, Dr. Julie Olliff for helping me make a structured and comprehensive training plan so that I could major in neuroradiology while acquainting with associated subspecialties. Becoming a member of the neural team I took part 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 rationale with practice more closely. From this wonderful experience, I have not only benefited from 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. I would like to share my feelings and experiences with my Chinese colleagues.



Elena Ilieva

Umbalsm "N. I. Pirogov", Sofia/Bulgaria

Topic: Musculoskeletal Radiology

Training centre: University Hospitals of Cleveland / Case Western Reserve School of Medicine - Department of Radiology, Cleveland/USA

The opportunity to attend the first ESOR Visiting Scholarship in Musculoskeletal Imaging offered in partnership with the University Hospitals of Cleveland / Case Western Reserve School of Medicine, Department of Radiology was of an exceptional value for my professional career. To be able to learn from wonderful physicians, great teachers and pioneer researchers made me love MSK Radiology even more. I had the chance to observe uncountable MSK cases with focus on modality techniques and protocols, to acquire certain tips and tricks in MR, CT and conventional imaging, to participate in the daily hands-on teaching of clinical cases and interpreting different images and also to learn how to perform CT-guided interventional procedures, even the very avant-garde ones. I was invited to attend the resident teaching and the multidisciplinary conferences offered regularly in the department. The experience I gained from this visiting scholarship helped me to enhance my skills in MSK Radiology considerably. I enjoyed the time of my scholarship not only for the extraordinary education received but also for the variety of different cultures I met, the wonderful time spent in exploring new places and the new friends I made. Thank you ESOR, ESR, CWRU/University Hospitals for making my dream come true! I am very grateful to my supervisor during the scholarship Dr. Mark Robbin and to his team, including Dr. Peter Young, Dr. Thomas Valentz and the MSK-fellows Christos and Joe for the enthusiasm to share their knowledge and professional skills with me! Special thanks to Professor Pablo Ros and Professor Nicholas Gourtsoyiannis for offering such an outstanding opportunity for young radiologists in training.



Anandapadmanabhan Jayajothi

High Technology Medical Center – Tbilisi State Medical University, Tbilisi/Georgia

Topic: Neuroradiology

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

The time in UCLH London was extremely useful as it gave me the opportunity to extend my knowledge and to have a new outlook towards neuroradiology. I observed and shadowed various experienced neuroradiology consultants in their everyday clinical routine and neuro interventional procedures. I had an opportunity to report various CT, MRI and angiographic examinations both verbally and electronically, later reviewed by my tutor. As each of the neuroradiology consultants have a varied subspecialty interests in neuroradiology, it was immensely useful for me to review these rare and complex cases in a large dedicated Neurosciences institute. I had great opportunity to be a part of active interactions with individual consultants and several weekly Multi-Disciplinary Team meetings that took place daily. I have to emphasise the privilege that I had to work with my tutors Dr. Indran Davagnanam a neuroradiologist with a subspecialty interest in neuroophthamology and Professor Tarek Yousry, an experienced professor and head of department of neuroimaging at the UCLH London. I was fortunate to have their guidance and knowledge they shared with me. My deepest gratitude to my wonderful tutors and rest of the staff, who despite of their busy schedule were always willing to share their knowledge with me. On the whole, my experience at UCLH was something I am going to remember my whole life. I would like to express my gratitude to ESOR for providing me with such a great opportunity and support.



Yasir Jamil Khattak

Aga Khan University Hospital, Karachi, Pakistan

Topic: Musculoskeletal Radiology

Training centre: IRCCS Policlinico San Donato / University of Milan School of Medicine, Milan, Italy

I have been asked to write my report regarding the ESOR Visiting Scholar Programme and my stay at IRCCS Polyclinico San Donato Hospital. Well to start with I must say that this programme was the sole reason allowing me to see people in Europe and around the world. I am extremely thankful to the ESR for providing me with this wonderful opportunity. This has been and always will be one of the most fruitful and unforgettable experiences of my academic career. Working in Italy under the supervision of Dr. Luca M Sconfienza, for approximately three months in the capacity of ESOR scholar, provided me with the opportunity to indulge in various MSK related sessions, congresses and meetings. I was also able to attend various MSK ultrasound clinics with Dr. Luca and academic reporting sessions with Dr. Alberto Aliprandi. I want to thank both of them and extend my whole heartedly gratitude as they were always willing to share their knowledge with me and helped me out with all problems. Meanwhile staying there also offered me the opportunity to get involved in some MSK related research work as well. Moreover, I made some very good friends too who made my stay extremely pleasant. Overall it was one of the best experiences of my residency. I must say hats off to ESOR for this mammoth task they are carrying out. Thanks a lot and please keep doing the great work guys.



Chrysafoula Kolofousi

Evangelismos Hospital, Athens, Greece

Topic: Breast Imaging

Training centre: Royal Hallamshire Hospital, Sheffield, United Kingdom

This scholarship was an outstanding chance to expand my knowledge in breast imaging during a three-month training programme at the Royal Hallamshire Hospital in Sheffield. The highly qualified staff and its state-of-the-art equipment provided an excellent setting to learn. During my training period, I attended breast clinics, screening mammography and multi-disciplinary meetings, which helped me, understand and love breast imaging even more. I benefited greatly by discussing interesting cases with my mentor and other experienced radiologists and I also had the privilege to be involved in some educational projects and presentations. I would like to express my gratitude to Dr. O. Hatsiopolou, who was an inspiring tutor, and of course to the ESOR for giving me the experience of a lifetime.



Slávka Kudrnová

Semmlweis University Heart Centre, Budapest/Hungary
Topic: Contrast Enhanced Ultrasound (CEUS)
Training centre: Medical University Innsbruck, Department of Urogenital Radiology, Innsbruck/Austria

I am extremely grateful for this precious opportunity of undistracted intensive learning in a centre of excellence. ESOR Visiting Scholarship enabled me to finally experience implementation of the most recent scientific research results into the everyday practice, take active part in clinical medical research, and practice state-of-the-art radiology on the highest quality medical devices. Learning radiology according to its highest standards of radiology will certainly help me to become the best possible specialist. Professor Jaschke's Department of Radiology is extremely well organised, education focused and patients oriented. Dr. Aigner's Uroradiology department is unbelievably trainees friendly, innovative and motivating. The work is very interesting and challenging, but the working environment is relaxed and stimulating. I would like to especially thank Dr. Aigner for his dedication, friendliness and positive energy. I have substantially improved all aspects of essential knowledge of urogenital radiology starting with clinical anatomy, multimodality imaging, as well as medical thinking while answering clinical questions. I especially appreciate the possibility to actively participate at every day images-presenting meetings with clinicians. I am most thankful for the big progress of my practical ultrasound skills, which I find essential for my future interventional radiologist career.



Patricio Maximiliano Latorre Brajovic

Clínica Alemana Santiago, Chile
Topic: Neuroradiology
Training centre: La Fe University Hospital, Valencia, Spain

The ESOR Visiting Scholarship Programme has given me the opportunity to expand my knowledge in the area of neuroradiology during a three-months training at La Fe University Hospital, Valencia, Spain. I had the chance to get to know another reality and learn more about the field of neuroradiology, especially in perfusion technique and images of temporal. During this period I was involved in training sessions with the other residents, in which I had the opportunity to prepare meetings. Later I could report MRIs and CTs of neuroradiology, which were reviewed with tutors. I went to meetings of neuro-oncology, head and neck surgery and interventional neuroradiology. I had a chance to visit the operating room, in neurosurgery and neurointerventional. This was an amazing experience, and a great opportunity to affirm my expectations to pursue a fellowship in neuroradiology in the future. I want to thank ESOR and La Fe University Hospital for this opportunity, especially my tutors, who were very helpful and taught me a lot.



Napoleón Macías

Barcelona, Spain
Topic: Chest imaging
Training centre: Harefield Hospital, United Kingdom

My training period with Dr. P. Dalal at Harefield Hospital has been an outstanding experience. During these three months I had the opportunity to be part of multiple and interesting diagnostic and therapeutic activities in chest imaging, including the interpretation of challenging cases as well as the percutaneous ablation of lung tumours. Furthermore, I was involved in fascinating research projects focused on lung cancer. I believe the ESOR Visiting Scholarship Programme has given me a great opportunity to improve my skills in chest imaging which I am certain will have a strong positive impact on my future clinical practice. I am really grateful to Dr. Dalal and his team for always wisely guiding me throughout this scholarship helping me to make the best out of this experience.



Chiara Marigliano

Policlinico Umberto I, Roma/Italy

Topic: Oncology Imaging

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

My ESOR scholarship at Memorial Sloan-Kettering Cancer Center (MSKCC) in New York City has been a wonderful experience. MSKCC is one of the most famous Cancer Centers in the world, and having the chance to discuss clinical cases and research projects every week with Doctor Hricak and Doctor Panicek (my tutors) was like a "radiology dream" became true! From the very first day I was introduced to all the Medical Staff and the Research Fellows, and I had the opportunity to observe their activity in MRI, CT and PET/CT sections, appreciating their extraordinary organisation and knowledge. Thousand learning opportunities were provided to me, including Disease Management Meetings in all the sub-specialties, research meetings and fellow conferences, as well as faculty members' lectures and journal club, with a very busy weekly schedule. It was wonderful to be part of a research project under the supervision of Doctor Hricak and the Research Team. Thanks to this experience I have developed my knowledge and I have acquired new skills in oncology imaging. I am sure this experience will significantly influence my future choices and my work. Thank you!



Claudio Mattiello

Policlinico - University Federico Li, Napoli, Italy

Topic: Breast Imaging

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

I have had the chance to spend an incredible three-month training period on Breast Imaging at Guy's and St Thomas' Hospital in London. The ESOR Visiting Scholarship Programme gave me a unique opportunity to improve my knowledge in the field of breast imaging. During these months, I was warmly welcomed to become part of the breast team and actively participate in all the activities of the department: screening, US, MRI, imaging guided biopsies, preoperative breast marking and academic multidisciplinary. This scholarship provided me with an excellent educational and social experience which I greatly appreciate. It also gave me the opportunity to discover London, a wonderful city with wonderful people. I would like to express my gratitude to all the staff of the Breast Imaging and in particular to Dr. Jones, Dr. McWilliams, Dr. Parikh, Dr. Verma and Mrs. Julie Scudder for sharing their precious time and knowledge with me and for making my time such a great learning experience. I would also like to thank ESOR, ESR and Bracco for making this possible and for encouraging us to become better and more knowledgeable radiologists.



Caterina Michelozzi

Ospedale San Paolo, Università degli Studi di Milano, Italy

Topic: Neuroradiology

Training centre: Hôpital Purpan, Toulouse, France

I attended my ESOR Scholarship Programme in Neuroradiology at the Hopital Purpan in Toulouse, one of the leading centres in Interventional Neuroradiology in Europe, headed by Professor Cognard. It has been my first experience in Interventional Neuroradiology and it was so intense that I still need to realise the great impact it had on my professional growth and maybe on my future career. I had the chance to attend interventional activity every day, weekly multidisciplinary meetings, patient's consultations, teaching courses. Cath Lab activity is mostly neurovascular: embolization of aneurysms, AVM and Fistulas, and endovascular treatment of stroke. I started a research project under the direct supervision of Prof. Cognard. I was treated like a local resident, almost spoiled, by the lovely staff. Prof. Cognard had a constant supervision of my training and was never tired of answering my countless questions. Thanks to Prof. Bonnevillie, Dr. Tall and particularly to Dr. Januel who took me under her wings both from a professional and from a personal point of view. All the doctors speak fluent English; nevertheless speaking French will help you to enjoy your stay more. Thanks to the local residents, I left Toulouse hoping that this was just the beginning.



Felipe Costa Moreira

Hospital Alvorada, Sao Paulo, Brazil
Topic: Contrast Enhanced Ultrasound
Training centre: Dr. Peset University Hospital, Valencia, Spain

I am very happy to have had a real challenge in the area of Radiology. I had intensive training during this three-month period in contrast enhanced ultrasound, which was especially useful for me because in Brazil ultrasonography is a cheap and very common method, however Brazilians themselves are not very aware of the value of, nor, how to use contrast in this area of radiology. Furthermore, I am very grateful to ESOR for giving me the opportunity to stay in the Department of Radiology at Hospital Universitario Dr. Peset, Valencia, Spain, where, in addition to my practical experience, I also had the chance to send two Scientific Papers to the 14th World Congress of Ultrasound in Medicine and Biology - WFUMB 2013. It has been a privilege and an excellent educational opportunity to work with my tutor, Dr. Tomas Ripolles and The Head of Department, Dr. Jose Vilar, as well as the other amazing doctors in the ultrasound department. I also truly appreciated the company of the other residents with whom I was able to share my concerns and expectations during my tenure.



Gyula György Naszádos

National Institute Of Oncology, Budapest/Hungary
Topic: Oncologic Imaging
Training centre: Hospital Vall D'Hebron, Barcelona/Spain

When I was informed about having been admitted to the ESOR Visiting Scholarship Programme 2012, I knew that this would be a unique opportunity for me to enhance my knowledge and practical experience in one of the most prestigious centers. I am very delighted I was able to participate in Vall d'Hebron Hospital, Department of Chest Imaging, in Barcelona, Spain. I think this experience in the friendly and highly educational setting of Vall d'Hebron Hospital has really improved my knowledge and my skills in oncologic imaging, the training will definitely contribute to facilitating my future career. I would like to especially thank my main tutor Dr. Oscar Persiva, who is an excellent and exceptional professional and teacher in the field of Oncologic Radiology. We spent countless hours reporting interesting cases. Day by day I enhanced my radiological knowledge by reporting many challenging cases as well as by participating in academic lectures and tutorials. I would like to express my gratitude to Dr. J. Andreu, Prof. Caceres and his team, who welcomed me in the department and shared their precious time and knowledge with me. I am deeply grateful to these superb doctors, who made me feel welcome from the first moment of my stay. I would like to sincerely thank director Prof. Gurtsoyannis, and I also appreciate the work of the ESOR office, especially Ms. Johanna Syrch, for their kind help and support. It also gave me the opportunity to discover Barcelona, a wonderful city with wonderful people, to which I would gladly come back anytime.



Sibusiso G. Ndlovu

Dr. George Mukhari Hospital/MEDUNSA, Pretoria, South Africa
Topic: Musculoskeletal Radiology
Training centre: Policlinico Tor Vergata, Rome, Italy

The time I have spent under the expert tutelage of Prof. S. Masala was absolutely superb. He introduced me to the exciting world of musculoskeletal interventional radiology. He is epitome of a complete radiologist with a wealth of wisdom, unparalleled skill and research credentials. I experienced the methods of excellence first-hand from this institution. I had world-class exposure to the imaging modalities, reading of images and interventional techniques including attendance to ICEP 2012. I am truly inspired and internally grateful for the knowledge I have gained, which was so freely imparted. I highly would recommend this excellent department. Thank you to Prof. G. Simonetti and his entire team for the warm welcome and unlimited access to his department. Thank you to ESOR and ESR for availing this opportunity.



Katerina Ntailiani

University Hospital of Heraklion, Crete, Greece

Topic: Musculoskeletal Radiology

Training centre: Academic Medical Centre of Amsterdam (AMC), The Netherlands

The ESOR Visiting Scholarship Programme offered me a unique opportunity to be trained in an acknowledged centre of expertise in Musculoskeletal Radiology at the Academic Medical Centre of Amsterdam. During a three-month period, I had the honour to work with renowned experts in the field, the chance to increase my learning curve through a wide range of cases and to become familiar with the latest applications of Ultrasound in Musculoskeletal Imaging. Moreover, I expanded my knowledge by attending regular tutorials and lectures and greatly benefited by actively participating in several multidisciplinary meetings. I would like to express my gratitude to my basic tutors, Professor Dr. M. Maas and Dr. M.P. Terra, who generously transmitted their knowledge and skills to me and warmly thank all the staff members and trainees, for contributing to an outstanding and fruitful experience.



Fernanda Sachetto Pimenta

Clinic São Judas Tadeu, Ipatinga, Brazil

Topic: Paediatric Radiology

Training centre: Addenbrooke's Hospital, Cambridge, United Kingdom

I must begin by thanking ESOR for this life-changing experience at Addenbrooke's. I was welcomed with open arms by the whole team and I could follow all aspects involving the paediatric radiology in this hospital. I followed the daily discussions of clinical cases, sections of fluoroscopy, ultrasound, CT and MRI. I also participated in the discussions of protocols and followed the routine of this hospital that is a reference in service quality. The multidisciplinary meetings were excellent, especially those involving paediatric oncology. I also received valuable practical tips on how to proceed in the different radiological modalities. The opportunity to participate in different academic projects that are currently in progress was also a gift that I received during my training. I come home totally motivated to continue my studies and I thank all the staff, registers, sonographers and consultants, especially Dr. Set, Dr. Hughes and Dr. Gomez. This incredible group inspired me to continue in this challenge that is to learn paediatric radiology.



Irina Popescu

Fundeni Clinical Institute, Bucharest, Romania

Topic: Paediatric Radiology

Training centre: Medical University of Vienna, Austria

During the three-month ESOR Visiting Scholarship Programme I have been provided with a structured, modular introduction in Paediatric Radiology, under the supervision of a specialised tutor in a highly esteemed academic training centre in Europe - at Prof. Herold's Department of Radiology, Medical University of Vienna. I have had the privilege to work with renowned experts in the field, getting accustomed to advanced imaging modalities during daily clinical routine of the department such as functional MR, fetal MR and MR paediatric neuroradiology. I have eagerly attended the conferences, seminars and multidisciplinary staff meetings offered in the department during my training period, including two daily clinical rounds (with paediatric surgeons and general paediatricians), morning lectures for radiology residents, weekly paediatric surgical planning conferences, lunch conferences and monthly clinical conferences on urologic abnormalities, video conferences on fetal MR imaging and the "Kotscher Kurs" (lectures organised by the Austrian Radiological Society), as well as Radiological diagnosis of Peripheral Nerve Diseases, a two-day course. Undoubtedly this unique training experience allowed me to improve my radiological skills as well as acquire an invaluable broad background for my professional development and encouraged me to follow a specialisation in Paediatric Radiology. I would like to express my gratitude to my tutor, Dr. Csilla Balassy, who warmly welcomed me in the department and has continuously invested in my radiological education and the rest of the staff for sharing their time and expertise with me. I sincerely appreciate this valuable opportunity offered to me by Prof. N. Gourtsoyiannis, ESR and ESOR.



Nitin Ramamurthy

Wrightington, Wigan and Leigh NHS Trust, Wigan, UK

Topic: Musculoskeletal Radiology

Training centre: University Hospital of Strasbourg, France

It was my immense privilege and pleasure to spend three months visiting the Department of Interventional Imaging at Nouveau Hospital Civil in Strasbourg, France. At this state-of-the-art institution, I observed and participated in musculoskeletal interventions, including vertebroplasty, cementoplasty, nucleotomy, and spinal infiltrations. There was also excellent exposure to a variety of non-vascular interventions including cutting-edge techniques such as MR-guided Cryotherapy, and Radiofrequency/Laser ablations. Working with the inspirational Professor Gangi and his expert team was an experience I will never forget – practical, intellectually stimulating, and a lot of fun! I gained a good understanding of complex onco-interventions, and basic competency in simple techniques. Strasbourg is also a lovely cosmopolitan town, and I was fortunate to make great friends outside the department. My experiences have enabled me to develop both professionally and personally: I now have a much clearer vision of my future and career goals. I am hugely grateful to Prof. Gangi, Dr. Garnon, Dr. Tsoumakidou, Dr. Bing, Dr. Enescu, and the entire Team for all of their kindness, generosity, and hospitality; and to ESOR and Bracco for making this unforgettable experience possible. I warmly recommend this Scholarship to any resident with an interest in Musculoskeletal and Oncological Intervention.



Victor Rodriguez Laval

Hospital Virgen De La Salud, Toledo, Spain

Topic: Neuroradiology

Training centre: Centre Hospitalier Sainte-Anne, Paris, France

During three months, I was warmly welcomed to become part of the neuroradiology team at the Centre Hospitalier Saint Anne. Under the tutorship of Prof. C. Oppenheim and Prof. O. Naggara I was fully involved in all the activities of the department including daily radiology teaching sessions, reporting and attending the annual national congress of radiology (JFR). Furthermore, I was able to enroll in a six months neurovascular imaging DIU (Inter-university Diploma). This will give me the opportunity to improve my knowledge and acquire new skills. I would like to thank Prof. Meder and all the other members of the staff for offering me such an amazing experience. I would also like to thank ESOR, ESR and Bracco for making this possible.



Catarina Fontes Ruivo

Hospitais da Universidade de Coimbra Centro Hospitalar e Universitário de Coimbra, Coimbra, Portugal

Topic: Musculoskeletal Radiology

Training centre: Addenbrooke's Hospital, Cambridge, United Kingdom

The Visiting Scholarship that I was awarded by ESOR proved to be a unique opportunity to improve my knowledge and experience with a true subspecialty training in one of the most prestigious world-renowned teaching hospitals. During the three months I spent at Addenbrooke's Hospital, I had the chance to follow the highly skilled and enthusiastic MSK team expert radiologists through their daily routine, and I was also involved in all the other activities of the department, which included academic lectures, teaching sessions and multidisciplinary meetings, not only in musculoskeletal imaging but also in general radiology issues. This was definitely a life-changing experience; my expectations were indeed more than fulfilled, and I am sure that the skills and knowledge obtained will certainly make a difference in my everyday practice. I would like to sincerely thank all the staff at Addenbrooke's Hospital for having me during these unforgettable three months. A hearty thanks goes out to "Team MSK", including Dr. Orla Doody, Dr. Philip Bearcroft and in particular to Dr. Melanie Hopper, who was a tireless, dedicated and inspiring tutor: you have my deepest gratitude for having made my time such an enriching learning experience. Last but not least, I cannot thank ESOR and Bracco enough for making this dream experience a reality for so many young radiology residents.



Tarvo Sillat

North Estonia Medical Centre, Tallinn, Estonia
Topic: Musculoskeletal radiology
Training centre: Medical University of Vienna, Austria

The ESOR Visiting Scholarship Programme at Vienna Medical University enabled me to significantly expand my knowledge in musculoskeletal radiology. My tutors Prof. F. Kainberger and Prof. I. Nöbauer were not only excellent teachers but also wonderful hosts. The programme was well organised, very educational and flexibly adjusted to my personal interests. Two fields that I feel I have improved most were musculoskeletal tumour and peripheral nerve imaging. I am very grateful to ESOR for this opportunity and to all radiologists in the Neuro- and Musculoskeletal Radiology Department for their teaching. Finally, I have to say that besides the professional experience, the city of Vienna was, of course, a wonderful place to stay at.



Philip Steiger

Universitätsinstitut für Diagnostische, Interventionelle und Pädiatrische Radiologie, Bern, Switzerland
Topic: Abdominal Radiology
Training centre: Skåne University Hospital Malmö, Sweden

The ESOR Visiting Scholarship Programme gave me a unique opportunity to improve my abdominal imaging knowledge at Skåne University Hospital in Malmö. During the scholarship I had the chance to attend different rounds and discuss interesting cases with my supervisors Olle Ekberg and Peter Leander. They and other members of the team also gave me private mini-lectures on various abdominal imaging topics. It was a great experience to be once exposed in a department with an organ-based organisational structure as compared to the modality-based organisational structure in my department in Bern. I would like to thank ESOR for making this possible. It was great to be part of a strong European radiology education and I highly encourage residents to apply for this ESOR Visiting Scholarship Programme.



Richard E. Sungura

Arusha Regional Hospital, Tanzania
Topic: Neuroradiology
Training centre: Klinikum Karlsruhe, Germany

The ESOR Visiting Scholarship Programme was a once in a life time experience at Klinikum Karlsruhe in Germany. The scholarship programme has taken me to another level in Neuroradiology. Deep in my heart I appreciate Dr. Sebastian Arnold who taught me a lot of Neuroradiology especially neuro-interventional procedures; he is a great, humble and excellent teacher. During my three months at this centre, I had very good interactions with residents and other radiologists. I attended most of teachings and cases discussion; arrangements were also made to enable me participating in local seminars in the city. Much thanks to the ESOR for making me an agent of change to enrich our radiology practice in Tanzania and Africa.



David Laszlo Tarnoki

Department of Radiology and Oncotherapy, Semmelweis University, Budapest, Hungary
Topic: Chest Radiology
Training centre: Churchill Hospital, Oxford, United Kingdom

I had a wonderful opportunity to enhance my skills in chest radiology during the three-month training supported by ESOR Visiting Scholarship Programme. I have completed this programme at the Radiology Department of Churchill Hospital, Oxford University Hospitals, United Kingdom. My amazing tutor was Prof. Fergus Gleeson who took care of me despite his busy schedule and led me into the state-of-the-art radiographic and CT imaging of various chest diseases. He gave me much more knowledge than I ever expected. Every day of my training was extremely well-structured and focused on different imaging techniques, including ultrasound, CT, X-Ray, PET-CT, CT- and US-guided biopsies. I was also given the opportunity to participate in daily multidisciplinary meetings, lung MDTs, journal clubs and in the academic activities of the chest radiologists. Professor Gleeson gave me the opportunity to participate on local congresses and he organised that I was able to join the amazing respiratory physicians (Dr. Najib Rahman) to expand my knowledge in chest ultrasonography as well. Thanks to it I received the Level 1 qualification in chest ultrasonography of the Royal College of Radiology. I spent most of my time at CT department where I expanded my knowledge in this field from various collected chest cases. I also obtained experience on lung RFAs as well. I participated daily in the reporting of chest cases conducted on 64-slice MDCT scanner with my excellent tutor and he taught us residents every week with interesting cases. Being able to publish some papers in the area of chest imaging was one of the highlights of my scholarship programme. I would like to thank each members of the staff of the radiology department for their every day efforts to share their professional knowledge with me. I am especially thankful to my tutor Prof. Gleeson for his dedication to chest radiology, willingness to teach and share his encyclopedical knowledge with me every day, making me feel deeply enriched in my understanding of chest imaging. I would like to thank the help and kindness of Dr. Rachel Benamore, Sam Attwood and Toni Mackay who made my stay very comfortable. In addition to the very interesting and useful professional programme I had a very pleasant time in the beautiful city of Oxford. This Visiting Scholarship Programme experience far exceeded my expectations; I am looking forward to share my new skills and knowledge with my colleagues and implement them at my hospital back in Hungary. Last but not least I would also like to thank ESOR and ESR for making this experience possible for me and for encouraging us to become better and more knowledgeable radiologists.



Silvia Tomás Hernández

Birmingham University Hospitals – NHS, Birmingham/United Kingdom
Topic: Urogenital Radiology
Training centre: Hospital Clinic of Barcelona/Spain

The ESOR Visiting Scholarship Programme in Urogenital Radiology at the Hospital Clinic Barcelona has allowed me to enhance widely my knowledge. The training programme was very well structured with a fantastic induction to the hospital and urogenital team. During three months, I have had the opportunity to attend several multidisciplinary meetings including uro and gynae oncology, renal transplant assessments, clinical meetings and teaching sessions. I have also been involved in reporting and performing state-of-the-art imaging investigations including multifunctional MRI of the prostate and interventional cases. I am very grateful to all the members of the urogenital team and their willingness to teach and make my stay extremely enjoyable. Thanks to ESOR for this enriching experience.



Ashlesha Udare

Kb Bhabha Hospital, Mumbai, India

Topic: Cardiac Imaging

Training centre: University Hospital Basel, Switzerland

I did my Cardiac Imaging fellowship under the tutelage of Prof. Dr. J. Bremerich, at the Universitätsspital Basel. My daily schedule included supervising and post-processing the various Cardiac MRI and CT studies. This was followed by discussion with the senior fellows and faculty regarding the imaging findings and methodical reporting. Most cases were reviewed and the relevant topics were taught by Prof. Bremerich himself. He was always available, to answer every single question. Every morning, there was a discussion of all the interesting cases in the Cardio-thoracic division. Twice a week, there were inter-departmental conferences with the cardiologists wherein the imaging findings were discussed within the appropriate clinical context. Prof. Zellweger (Cardiologist) also took special interest in teaching nuclear cardiac imaging and echocardiography to complete the spectrum of Cardiac imaging. Often, I could get a complete follow-up of the patient by visiting and seeing the Cath lab procedures. On weekends, I turned into a tourist! I would explore the kaleidoscope of picturesque places Switzerland has to offer. Last but not least, this was a unique opportunity to experience the Swiss culture, interact with its wonderful people and make some great friends.



Derya Yakar

Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands

Topic: Oncologic Imaging

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

In September 2012 I was given the opportunity to visit MSKCC for a visiting scholarship on pelvic oncologic imaging. I am very thankful to my mentors Dr. Hricak and Dr. Sala, who I before only knew from books and lectures. With this scholarship I was able to expand my clinical knowledge of pelvic imaging but also to learn about cutting-edge techniques and current research topics. MSKCC is definitely a leading clinical Centre with true experts, state-of-the-art research, and top patient care.



Fulvio Zaccagna

University of Rome Sapienza - Policlinico Umberto I, Rome, Italy

Topic: Neuroradiology

Training centre: Addenbrooke's Hospital, Cambridge, UK

I spent my ESOR scholarship at the Addenbrooke's Hospital in Cambridge and this experience gave to me much more than I could ever expect. Addenbrooke's Hospital is a leading site for Neuroradiology and everything is so well organised that efficiency is over the top. Prof. Gillard, Dr. Antoun, Dr. Massoud, Dr. Scoffings, Dr. Cross and all the fellows 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 and didactic sessions with the other residents. My scholarship gave to me the great chance to improve my knowledge in neuroimaging and the chance to live in a so amazing city like Cambridge where culture is everywhere! Thanks a lot to ESOR for this chance.



Visiting Scholarships

My experience

myESR.org/esor

Exchange Programmes for Fellowships

My experience

Exchange Programme for Abdominal Imaging Fellowship



Gerardo Dessì

General Hospital Sant'Andrea, La Spezia/Italy

Topic: Abdominal Imaging

Training centre: University Hospital M. Servet and Hospital Royo Villanova, Zaragoza/Spain

I was interested in joining a fellowship in Abdominal Imaging of ESOR for a long time and it was a big surprise when I was informed I had been selected for a three months training programme in the University Hospital M. Servet and Hospital Royo Villanova in Zaragoza.

My arrival in a new town was made very easy thanks to the unremitting assistance of Dr. Luis H. Ros Mendoza, who has supported me during my whole stay.

I strongly believe this outstanding experience will be very helpful to improve my radiological knowledge and it could become a huge step forward in the development of my future career.



Mykhailo Liubchak

Lissod Cancer Hospital, Plyuty Village/Ukraine

Topic: Abdominal imaging

Training centre: Maennedorf Hospital, Maennedorf/Switzerland

The 2012 Exchange programmes for fellowships initiative gave me the wonderful opportunity to attend a three-month training in abdominal imaging at Maennedorf Hospital, where I was warmly welcomed to take active participation in the everyday activities of the Radiology Department. With the efforts of my mentor, Dr. Christoforos Stoupis, this visiting fellowship turned out to be a truly positive experience for me and has to a great extent fulfilled my initial expectations. I should admit that from my point of view, this training helped me to markedly improve my skills in CT and MR study interpretation and allowed me to significantly expand my knowledge in radiologic-pathologic correlations. I would like to express my exceptional gratitude to Dr. Stoupis, who took a lot of care to make the training really useful for me and who, despite having a tight schedule, was always able to find the time to discuss the problematic cases. Additionally, I would also like to thank ESOR, ESR, ESGAR, Maennedorf Hospital staff and all, whose contribution made this training possible.



Dipanjali Mondal

John Radcliffe Hospital, Oxford/United Kingdom

Topic: Abdominal Radiology

Training centre: University Hospital Maastricht/The Netherlands

The ESOR/ESGAR Fellowship is an invaluable opportunity to develop specialist skills in a specialist centre. I had the opportunity to take part in a variety of multidisciplinary team meetings at University Hospital Maastricht (AZM) under expert guidance to further my skills in abdominal radiology. I learned the importance of accurate reporting, cancer staging and good communication in optimising patient care. Complex discussions were often required between the surgeon, radiologist, oncologist and radiotherapist when dilemmas arose regarding imaging and chemo radiotherapy outcomes. Clinical needs, co-morbidity and social well-being were vital for patient centred management. AZM is a specialist centre in rectal carcinoma imaging research, where I had the opportunity to learn about recent developments from world-renowned experts. This included using a MR contrast agent to try to increase the confidence in determining malignant nodes in rectal carcinoma, an important prognostic risk factor, which can alter patient management. I particularly enjoyed this aspect of the Fellowship and had the opportunity to attend research meetings, as well as take part in local research projects. On completion of the Fellowship, I will bring back efficient techniques and specialist skills learned at this specialist centre and use them to enhance current practice in my department.



Isabel Tavares

Centro Hospitalar Médio Ave, Famalicão/Portugal

Topic: Abdominal Imaging

Training centre: Hôpital Erasme, Brussels/Belgium

The motivation behind my application to an abdominal fellowship was to improve my skills in this domain, and to gain work experience in a leading hospital outside Portugal. It proved to be an excellent experience and I was not disappointed. At Hôpital Erasme, I was delighted to work under the guidance of Professor Celso Matos. I found that he worked in a friendly atmosphere, in a place where people work as a team and are motivated to do research. The techniques developed and used in abdominal MRI such as perfusion-weighted imaging and diffusion-weighted imaging, as well as the many academic multidisciplinary meetings and teaching sessions, were particularly interesting and gave me a new insight into abdominal imaging that I had not yet acquired. Finally, I would like to thank ESOR and ESGAR for the grant that allowed me to take this path.



Özüm Tunçyürek

Aydin Ataturk State Hospital, Aydin/Turkey

Topic: Abdominal Radiology

Training centre: Addenbrooke's Hospital - Cambridge University Radiology Department, Cambridge/United Kingdom

I started my Abdominal Radiology fellowship programme at Addenbrooke's Hospital at the University of Cambridge in early September. I became very happy that while preparing my study programme, my advisers Prof. David J Lomas and Dr. Nicholas Carroll concentrated on the subjects about which I was curious. I attended in person each of the activities from MR and CT scanning protocols of abdominal applications to report reading sessions. In every session, both of my advisers answered – with a scientific approach and without getting bored – every question of mine about which I was curious, from differential diagnoses to the subjects of MRI physics. Watching many special interventional operations in the unit of endoscopic ultrasonography encouraged and excited me in order to improve myself on this subject. I would like to extend my endless thanks and gratitude primarily to my advisers and to ESOR and ESGAR that provided me with this opportunity.

Exchange Programme for Breast Imaging Fellowship



Mariliis Soonsein

East Tallinn Central Hospital, Tallinn/Estonia

Topic: Breast Imaging

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

Thanks to ESOR/EUSOBI I had the great possibility to spend three months of last year in Cambridge Breast Unit at the Addenbrooke's Hospital which welcomed me with a well-experienced and friendly team in an academic environment. Everyone generously shared her/his knowledge with me, and was interested in my opinion as well. In addition to everyday's work in the Breast Unit, I could attend to a wide range of different interdisciplinary meetings, learn gynaecologic imaging and take part in a research project. It was also great to have other ESOR fellows in the same centre. Additionally weekends in London were an extra, you can't underestimate. Warm greetings and big thanks to the CBU!



Efthymia Syristatidou

Korgialeneio- Mpenakeio "Red Cross" General Hospital, Athens/Greece

Topic: Breast Imaging

Training centre: Medical University of Vienna, Department of Radiology, Division of Molecular and Gender Imaging, Vienna/Austria

The ESOR Exchange Programme for Breast Imaging Fellowship gave me the opportunity to spend a unique and inspiring three-month training period on Breast Imaging in the Division of Molecular and Gender Imaging, Medical University in Vienna. I was fortunate to be warmly welcomed in a department which applies state-of-the-art and new emerging techniques on all imaging modalities. The expert staff of the department assisted me in advancing my knowledge on the daily routine practice, advanced imaging and interventional procedures. I was welcomed to participate in daily lectures, clinical rounds and multidisciplinary oncology sessions. I would like to express my gratitude to Univ.-Prof. Dr. T. Helbich, Ass.-Prof. K. Pinker-Domenig, Dr. M. Bernathova, Priv.-Doz. Dr. P. Baltzer and the other members of the staff for sharing their precious time, their knowledge and expertise with me. I would finally like to thank ESOR and EUSOBI for making this great learning experience possible.

Exchange Programme for Breast Imaging Fellowship (USA)



Chiara Iacconi

Carrara-ex Ospedale Civico-Mammografia, Carrara/Italy

Topic: Breast Imaging

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

The ESOR Breast Imaging Fellowship Programme which I am currently pursuing, is giving me the chance to spend a unique and extremely inspiring six months training period at the Breast Imaging Centre at MSKCC in New York, mentored by Dr. Elizabeth Morris. The quantity and quality of the clinical work and research activities is one of the best in the world and all the schedules are really well organised. I have been warmly welcomed to become part of the breast team by the entire faculty and fellows. I actively participate in all the activities of the department: screening, MRI, imaging guided biopsies and preoperative breast marking, multidisciplinary meetings, teaching sessions, journal club and research projects. It is professionally stimulating to be a part of a centre which excels in clinical breast imaging and research and to be able to visualise the future directions. I am looking forward to share my new skills with my colleagues and implement them at my hospital back in Italy. I am really grateful to the European Society for this great and useful experience.

Exchange Programme for Cardiac Imaging Fellowship



Ezequiel Levy Yeyati

Hospital Italiano de Buenos Aires/Argentina

Topic: Cardiac Imaging

Training centre: Heart Centre University of Leipzig/Germany

My ESOR fellowship in the Heart Centre University of Leipzig was an incredible experience. I was able to learn how to programme and perform reports of cardiac MRI, cardiac CT and any kind of cardiovascular study. I participated in multidisciplinary meetings, teaching sessions and I could learn from the CT and MRI archive of more than 200 studies. The radiology team was made up of excellent professionals, very responsible with the studies and with patients as well as wonderful human beings. They made me feel like a member of the team. This fellowship was truly 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. Living in Germany and being part of this different culture were remarkable experiences I will never forget. I would like to thank the ESOR and Prof. Matthias Gutberlet and his team for making this amazing experience possible. I could not be more grateful.



Beatriz Nieto

Vigo University Hospital, Vigo/Spain

Topic: Cardiac Imaging

Training centre: Betsi Cadwaladr University Health Board; Gwynedd/United Kingdom

I have been given the opportunity to go to the Betsi Cadwaladr University Health Board, in North Wales, thanks to the ESOR/ESCR cardiac imaging fellowship. During my stay I was involved in different activities every day of the week, which included Cardiac MR, Cardiac Nuclear Medicine and Echocardiography in Bangor, Cardiac CT in Wrexham, having also the opportunity to see some Cardiac Angiography in Glan Clwyd. I would like to thank everybody involved in my training, especially Professor Rees, Dr. Elias and the Radiographers in Bangor, Glan Clwyd and Wrexham.

Exchange Programme for Head and Neck Imaging Fellowship



Chi-Tuan Pham

Centre Hospitalier Sud-Francilien, Corbeil-Essonnes/France

Topic: Head and Neck Radiology

Training centre: University Hospital of Geneva/Switzerland

I had the opportunity to spend three months in the Department of Radiology of the University Hospital of Geneva, Switzerland. I had the privilege to follow examinations utilising state-of-the-art equipment and interpretations by highly-skilled physicians. I also had the chance to be involved in a research project. I would like to thank all the department staff and especially Prof. M. Becker and Dr. R. Kohler for their teaching. This fellowship has highly improved my knowledge and my skills in Head and Neck Radiology. It was a wonderful experience and I thank the ESR/ESOR and the ESHNR for providing such opportunities to young radiologists.



Jasmina Plaščak

University Hospital Merkur, Zagreb/Croatia

Topic: Head and Neck Radiology

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

I would like to thank ESOR/ESHNR for this great opportunity they gave me to improve and increase my knowledge in Head & Neck Imaging. I had the pleasure to be part of the team in one of Europe's leading centres for H&N imaging, in Spedali Civili di Brescia, in Brescia, Italy, under the supervision of Prof. Roberto Maroldi from whom I have learned a lot. He is truly a wonderful person with great knowledge and experience who helped me tremendously to better understand this particular and difficult area and to improve my skills. I attended weekly multidisciplinary meetings with ENT surgeons, oncologists, radiologists and sometimes neurosurgeons which were kindly held in English. I learned a lot from challenging cases in everyday practice and got familiar with their state-of-the-art equipment. I had the opportunity to present a lecture about anatomy and tumour pathology of the nasopharynx at the international course „Integrated Imaging in the Work up of Head & Neck Malignant Tumours“. I also attended the international meeting „Imaging in Oncology: The Role of Magnetic Resonance“ held in Novara, which was very educational. These three months were an invaluable experience for me, not only from the professional point of view but from cultural as well – I enjoyed the famous Italian cuisine, gained a lot of friends and loved living in a typical Italian town. I would like to thank Prof. Maroldi once again for giving me this unforgettable opportunity to come and study, learn and improve at his department. I would also like to thank Drs. D. Farina, E. Botturi, A. Marconi and especially Dr. M. Ravanelli for taking time to share their invaluable experience with me and for their generosity and kindness. I will remember you always.

**Exchange Programme for
Neuroradiology Fellowship**



Ronald Antulov

Clinical Hospital Center Rijeka/Croatia

Topic: Neuroradiology

Training centre: University Hospital of Vienna/Austria

The Exchange Programme for Neuroradiology provided invaluable opportunities for professional growth. I entered the fellowship with two goals in mind: (1) to improve my knowledge in using advanced MRI techniques such as diffusion-weighted MR imaging, MR perfusion and MR spectroscopy in diagnosing and following brain disorders, and (2) to grow as a physician and person by spending some time at one of the leading radiological institutions. Both goals were exceeded during my three months stay at the University Hospital of Vienna. By the end of the fellowship, I was able to gain the education, experience and insight I was looking for. The fellowship at University Hospital Vienna provided me with a solid foundation for a career in neuroradiology. I would like to express my deep gratitude to Prof. Thurnher, my mentor, for her patient guidance and useful critiques.



Yin Liu

The Third Xiangya Hospital, Changsha/China

Topic: Neuroradiology

Training centre: Antwerp University Hospital, Edegem/Belgium

ESOR/ESNR fellowship 2012 offered a unique and fascinating opportunity in my life. During the three months, I got exposed to many interesting cases and application of many cutting-edge imaging techniques, and I also got the chance to participate in collaborative research projects between radiology and other disciplines. In addition to clinical and scientific training, I also had a lot of sweet memories and precious friendship from the colleagues and friends in Antwerp. I want to especially express my gratitude to my tutor, Professor Paul M. Parizel, whose wisdom and sense of humor have given me a lot of inspiration and warmth during my stay.



Gretel Santana Rondón

Instituto de Neurología y neurocirugía, La Habana/Cuba
Topic: Neuroradiology
Training centre: Vall d'Hebron University Hospital, Barcelona/Spain

The neuroradiology fellowship programme at VHH in Barcelona, mentored by Dr. Alex Rovira has been a rewarding experience and a great help for my professional improvement. Knowledge acquired and the activities during the training have allowed me to achieve the initial goals with satisfaction, expanding my academic level and clinical experience, throughout new approaches and strategies work in the choice and implementation of correct imaging techniques and the interpretation of MRI neuroradiologic studies. I attended and took part in the reporting activity. I assisted in a great variety of multi-disciplinary meetings. I had access to a huge archive of interesting cases, and I had an active participation in one research project. I like to thank Dr. Rovira and ESOR, ESR for making this possible and for encouraging us to become better and more knowledgeable radiologists.



Paramdeep Singh

Guru Gobind Singh Medical College and Hospital,
Baba Farid University of Health Sciences, Faridkot/India
Topic: Neuroradiology
Training centre: University Hospital, Freiburg/Germany

The ESOR/ESNR Neuroradiology Fellowship at University Hospital Freiburg (Germany) was a great opportunity for me to get accustomed to modern radiology. Being part of this programme was a great experience for me, from the professional as well as from the personal point of view. It offered me an opportunity to interact with Professor M. Schumacher and his highly enthusiastic staff; their approach was systematic and disciplined, yet always acting in a friendly and highly motivated environment. I was impressed by the close interaction of Neurosurgeons, Neurologists, Neuropathologists, and Neuroradiologists which is important for an accurate diagnosis, treatment and follow-up of patients. I was also given the opportunity to participate in Clinical Research Projects during the training. On the personal relationship level, Professor Schumacher was my friend and guide, always endeavouring to make me feel at home. Special thanks to Dr. C. Taschner, Dr. S. Meckel, Dr. V. Ivanovas, Dr. Theo, Dr. I. Mader, Mr. H. Mast and Ms. I. Lopez as well as the rest of the staff for their guidance, help and co-operation. Also, I would extend my sincere thanks to ESOR and ESNR for giving me this superb opportunity. The valuable knowledge gained as well as the chance to live in the beautiful city of Freiburg turned this visit into a far more rewarding experience than I ever expected.



Eirini Vrentzou

General Hospital of Athens "G.Gennimatas", Athens/Greece
Topic: Neuroradiology
Training centre: Hopital Erasme, Clinique De Neuroradiologie,
Service De Radiologie, Brussels/Belgium

During my Neuroradiology fellowship I had the opportunity to refine my interpreting skills in a wide variety of pathologies, get trained in the post-processing and interpretation of advanced imaging techniques, participate in the educational activities and multidisciplinary team meetings of the Department as well as attend the Erasmus Central Nervous System MRI course that took place in Brussels this year. I would like to thank all the members of the Radiology Department of Erasme Hospital for their kindness and hospitality and especially the Head of the Neuroradiology Department, Prof. Boris Lubicz, for making me feel welcome and my tutor, Prof. Danielle Baleriaux, for being such an inspiration and for sharing her knowledge and extremely interesting cases with me. The training was everything I've hoped for and the three months I spent in Brussels was an unforgettable experience. I hope that in the years to come even more young radiologists will be able to benefit from this programme the way I did.

Exchange Programme for Paediatric Radiology Fellowship



Emmanouil Amanakis

Private practitioner, Rethymnon/Greece

Topic: Paediatric Radiology

Training centre: Medical University Graz/Austria

The European School of Radiology (ESOR) gave me the opportunity to pursue a fellowship in the Division of Paediatric Radiology, Department of Radiology at the Medical University of Graz/Austria, which is a highly esteemed training centre. The fellowship was under the supervision of Univ.-Prof. Dr. Erich Sorantin and Univ.-Prof. Dr. Michael Riccabona. These three months of intense training turned out to be an invaluable experience for me. The department was very well organised and equipped. Its background in imaging as well as research and evolution of diagnostic techniques guaranteed a fruitful sub specialisation. The department's staff, residents and consultants welcomed me, made me feel comfortable from the beginning and helped me to adapt in this new, extremely specialised and demanding environment. My tutors patiently guided me and enthusiastically assisted me as I was actively involved in all aspects of paediatric imaging. Plain film reporting, cardiac MRIs and CTs, oncologic imaging and innovative fluoroscopic investigations like modified VCUs and videourodynamics (VUD) was part of everyday practice. I also had the opportunity to be involved in numerous on-going research protocols which, apart from the valuable knowledge acquired, helped me to enrich my curriculum. In conclusion, the time spent in the Division of Paediatric Radiology of the Medical University of Graz was a unique and fulfilling experience in every aspect. I believe that this fellowship was an important milestone of my medical education and the knowledge gained will be incorporated into my everyday practice from now on. Therefore, I would strongly advise and encourage other young radiologists to seize the innumerable advantages the ESOR fellowship and scholarship programmes so generously provide.



Maria Covadonga García Morilla

SDPI Poblenou, Barcelona/Spain

Topic: Paediatric Radiology

Training centre: Hôpital Robert Debré, Paris/France

Without a doubt, the ESOR fellowship has been one of the most gratifying experiences I have had in my life, not only on the professional side but also on the personal one. I would like to say thank you to the Hôpital Universitaire Robert-Debré in Paris (France), with Professor Guy Sebag on front, for the friendship I received from everyone and the way they treated me as well as for their teaching vocation. I would like to say a special thank you to Dr. Robin Azoulay and Dr. Bogdana Tilea, my main role models during these months. The daily multidisciplinary clinical sessions have been of a great use to me, jointly with the highly motivated group of interns I had the chance to coincide with. During my stay, I had the chance to enrich and to improve my background on musculoskeletal pathologies in paediatrics, making the most out of the application of plain film, by means of its correct analysis and familiarising with the possibilities that MRI offers nowadays to this regard. In this same sense, the growth I have experience as a person, thanks to this experience, has an incalculable value for me. I would not like to finish without making a special mention to my colleagues and currently friends who are working and are being trained at the Robert-Debré Hospital as paediatric radiologists: Dr. Anca Tanase, Flaviu Gabor and Adelaide Rega. Now, Paris and the Robert-Debré Hospital has become a part of my history and I hope that I have also become somehow a part of theirs. For all this, I would like to give my infinite gratitude to the ESR/ESOR as well as to the ESPR.



Persefoni Margariti

University Hospital Of Ioannina/Greece

Topic: Paediatric Radiology

Training centre: Hospital Vall D' Hebron - Children's University, Barcelona/Spain

I am pleased to express my gratitude for my fellowship period in Paediatric Radiology in Vall d'Hebron Hospital in Barcelona. My tutor was Dr. Goya Enriquez who essentially contributed to my training. Dr. Goya Enriquez gave me the chance to actively participate in planning and undertaking examinations such as eye or thoracic ultrasound examinations as well as in diagnosing them. In the MR unit, Dr. Elida Vasquez, Dr. Angel Sanchez, and Dr. Ignacio Delgado incorporated me as part of their team from the first day of my stay. They instructed MR exams at their 1.5 and 3 Tesla machines and demonstrated sequences like Arterial Spin Labelling Imaging that were new for me. My active participation in the Paediatric Radiology Department of Vall d'Hebron was really honourable. I am sure that this period has supplied me with much of what I will need so as to confront future challenges in the field of Paediatric Radiology. Gracias a todos!



Fuldem Mutlu Aygun

Konya National Hospital, Konya/Turkey

Topic: Paediatric Radiology

Training centre: Great Ormond Street Hospital for Children, London/United Kingdom

I am very happy and feel very lucky to have been part of such an extremely well organised programme. This was an excellent opportunity to experience a busy tertiary reference hospital in London and to pursue further training in Paediatric Radiology under the supervision of some of the best paediatric radiologists. I am also very grateful for sparing their time to improve my knowledge and encourage me in paediatric radiology. I will be forever grateful to ESOR for providing me this unforgettable opportunity to both improve my knowledge in this field and at the same time get in touch with a different culture in the capital of the UK. I also 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.

**Exchange Programme for
Thoracic Imaging Fellowship**



Gianluca Argentieri

Ospedale Civico, Lugano/Switzerland

Topic: Thoracic Radiology

Training centre: Hôpital Calmette - University Centre, Lille/France

During this period I have been actively involved in clinical CT reporting sessions and multidisciplinary meetings with special regard to Interstitial Lung Diseases. I could integrate myself into the team rapidly by working actively in some CT sessions and following the internal courses organised for the residents who I could share my expertise with. From the point of view of how my knowledge has increased I would certainly like to mention the technical aspects of dose reduction and those of CT perfusion in which Prof. Remy-Jardin and Prof. J. Remy are pioneers who are highly appreciated worldwide. Eventually, I have a strong feeling that I have established a link for a possible future collaboration in clinical research and an opportunity for eventual further projects. I really thank the ESTI and ESOR organisation for this precious opportunity with a special appreciation to my tutor Prof. M. Remy-Jardin.



Wagner Diniz de Paula

Brasília University Hospital, Brasília/Brazil

Topic: Chest Imaging

Training centre: Thoraxklinik, Heidelberg University Medical Center, Heidelberg/Germany

The three-month ESOR/ESTI Exchange Programme for Thoracic Imaging Fellowship at the Thoraxklinik Heidelberg (Heidelberg University Medical Center) was a great and exciting opportunity to expand my knowledge of chest imaging, especially regarding current and emerging applications of lung MRI. The frequent clinical rounds, with plenty of cases discussed by expert clinicians, surgeons, radiologists and pathologists, were particularly advantageous as learning resources. In an outstanding academic setting, I also had the chance to collaborate on ongoing research protocols and improve my scientific skills. Aside from the professional aspect, I must highlight the pleasant atmosphere at the workplace and the hospitality of the team. I'm grateful to all who made my stay very enjoyable and expect the friendships established to endure through time.



Dariusz Slusarczyk

Skane University Hospital, Lund/Sweden

Topic: Chest Imaging

Training centre: University Hospitals Leuven/Belgium

The ESOR/ESTI Exchange Programme for Fellowships has been a unique opportunity to expand my knowledge of chest imaging during a three-months training at the University Hospital in Leuven. During this period I had the chance to follow my tutor, Prof. Dr. Johny Verschakelen and the other experienced radiologists, Prof Dr. Walter De Wever and Dr. Johan Coolen. I was involved in the activities of the department including reporting and supervising sessions, multidisciplinary meetings and daily routine. I also got the opportunity to attend the HRCT teaching course. The University Hospital in Leuven is a referral centre for lung transplantation, interstitial lung diseases and cancer treatment which is reflected in the volume and diversity of chest imaging. In particular, with multiple cases available to review, I learnt how to perform, analyse and report HRCT examinations. During meetings with colleagues representing different specialties I observed a multidisciplinary approach to the diagnosis and therapy of interstitial lung diseases. Thanks to this education I improved my knowledge of chest imaging which I am sure will significantly influence my further work and I am looking forward to sharing my new skills with my colleagues. At the same time it has been a great opportunity to live in beautiful Leuven and get to know many great people and places. I am very grateful to ESOR and ESTI for this unique experience and I would like to encourage everyone to apply for Exchange Programme for Fellowships.

Teach-the-Teachers Programme

This was a newly introduced activity created in partnership with Covidien, which aimed to raise teaching skills among trainees hoping to become teachers. Eleven applications were received and five trainees benefited from the programmes. A one-week training course was offered at the Departments of Radiology of La Sapienza University of Rome and University of Szeged, for which ESOR is very grateful.

Faculty members in Rome, Italy:

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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 Palko

László Almási

Ferenc Bari,

Katalin Barabás

Zita Morvay

Endre Szabo

Luis H. Ros Mendoza, Zaragoza/ES (Guest Lecturer)

Teach-the-Teachers Programme

My experience



Anca Filip-Flintoaca

Fundeni Clinic Institute, Bucharest, Romania

Topic: Cardiac Imaging

Training centre: La Sapienza University, Rome, Italy

The week I spent in Rome at La Sapienza University was a wonderful experience, because I had the chance to improve my teaching skills, my ppt presentation, courses etc, and how to present them in a more simple and interesting manner. I also had the chance to see a very well equipped and organised department. All the lectures about MRI/CT protocols, safety radiological procedure, MRI sequences and technique, etc 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 career.



Zsuzsanna M. Földes-Lénárd

Transplantation and Surgery Clinic, Semmelweis University, Budapest, Hungary

Topic: Cardiac Imaging

Training centre: La Sapienza University, Rome, Italy

The participation in the Teach-the-Teachers Programme by ESOR gave me the opportunity not only to deepen my knowledge in cardiovascular radiology, but also to improve my presentation and communication skills. We had great interactive lectures about how to prepare scientific and educational papers and lectures, which definitely helps future academic profession. The cardiovascular radiology team at La Sapienza was very cordial, the course was well-organised and the outline of the whole programme was perfect.



Mohammed F. Amin

El Minya University Hospital, El Minya, Egypt
Topic: Abdominal Imaging
Training centre: University of Szeged, Hungary

I was a participant of the Teach-the-Teachers Programme, which was held in Abdominal Imaging section in the Department of Radiology, University of Szeged. The organisation and the outline of the whole programme were outstanding. I learned a lot about how to prepare lectures and how to be a good lecturer, with the emphasis on student lectures, resident lectures and scientific presentations. This Programme is very helpful for future teachers in their scientific and academic career. We spent very nice time in the beautiful city of Szeged, and I am very thankful to Prof. Palkó and his team for their kindness and hospitality and for giving me the chance to learn much and spend wonderful time during my stay in their excellent Department and beautiful city. Special thanks to Prof. Dr. L. H. Ros Mendosa, who inspired me much. I will always remain grateful to Dr. E. Szabo for his effort and support all over the programme.



Ankur Arora

Institute of Liver & Biliary Sciences, New Delhi, India
Topic: Abdominal Imaging
Training centre: University of Szeged, Hungary

I thoroughly enjoyed attending the Teach-The-Teachers Programme in Abdominal Imaging at University of Szeged, Hungary. The week's training has certainly provided me a better understanding of what it means to be an "Effective Teacher". The speakers comprised of an excellent group of people who took great enthusiasm in passing their knowledge and skills on to us. I cannot speak highly enough of our programme director Professor Andras Palko - He is indubitably a great instructor with a very pleasant disposition and a deep sense of humour. The hospitality and kindness we enjoyed from him was tremendous. Also, I would like to specially thank Dr. Endre Szabo for all his efforts towards coordinating the event. His ability to balance high quality radiology with having fun made me look forward to going to work every day! The week's training has certainly provided me with fresh incentive and encouragement for my own work.



Cosmin Medar

Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
Topic: Abdominal Imaging
Training centre: University of Szeged, Hungary

I participated in the Teach-the-Teachers course which was held in the Department of Radiology, University of Szeged, Hungary. The time I spent there proved to be an outstanding and unforgettable experience. I want to mention the impeccable organisation of the course and its contents which were so valuable. Now, I am aware that it's very important to know how to share the information in a proper way, especially to students and residents. I would like to express my gratitude to Prof. Dr. A. Palkó, Dr. Luis H. Ros Mendoza and Dr. E. Szabó, for their major contribution brought to this course.



Gabriela Pavlendová

University Hospital, Bratislava, Slovakia
Topic: Abdominal Imaging
Training centre: University of Szeged, Hungary

I was afraid of feeling ashamed in confrontation with the others, however, everything turned into an amazingly friendly and inspiring experience. We (the attendees) were on different levels of knowledge and experience (and of four different religions, how nice) but I did not meet any negative comment, the attitude of Prof. Palkó and Dr. Szabó was absolutely encouraging and the comments on the things that we could have done better were made in a gentle and constructive way. The friendly way they treated us, including the lunches, dinners and city guide, was amazing. I appreciate also the topics and discussions dealing with more general topics like the future of a radiologist and a doctor in this high-tech era with Dr. Bari and also the discussion with Dr. Barabás - we could really feel her love for the students and her profession. Since I am teaching medical students it was very useful to attend the lectures of Dr. Morvay for the English students, together with the new PowerPoint tricks from Mr. Almási I have the inspiration to innovate my own lectures. The lecture of Prof. Ros Mendoza was both educational and inspirational and we are all grateful that he came such a long journey and still was full of energy spreading around. My great thanks to ESOR, all the faculty members involved and to my new friends - Ankur, Cosmin and Mohammed.



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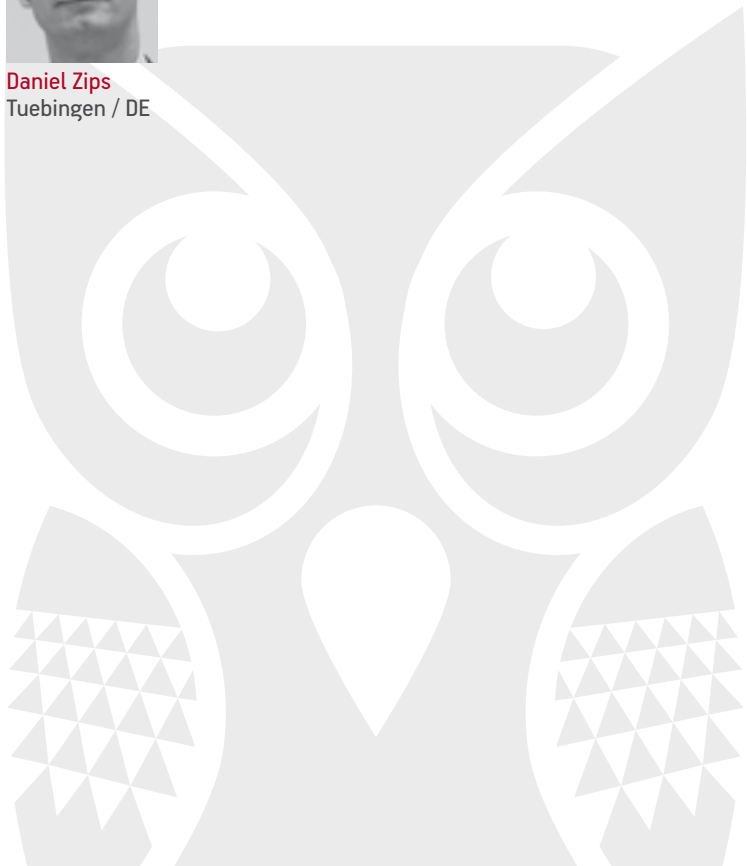
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Addenbrooke's Hospital,
Cambridge/UK
Muskuloskeletal Radiology

Annette F. Jones
Guy's and St Thomas'
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London/UK
Breast Imaging

David J. Lomas
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Cambridge/UK
Abdominal Radiology

Salva Masala
Policlinico Universitario
Tor Vergata, Rome/IT
Muskuloskeletal Radiology

Jean-Francois Meder
Centre Hospitalier
Sainte-Anne, Paris/FR
Neuroradiology

Tomás Rippolés
Dr. Peset University
Hospital, Valencia/ES
Contrast Enhanced
Ultrasound

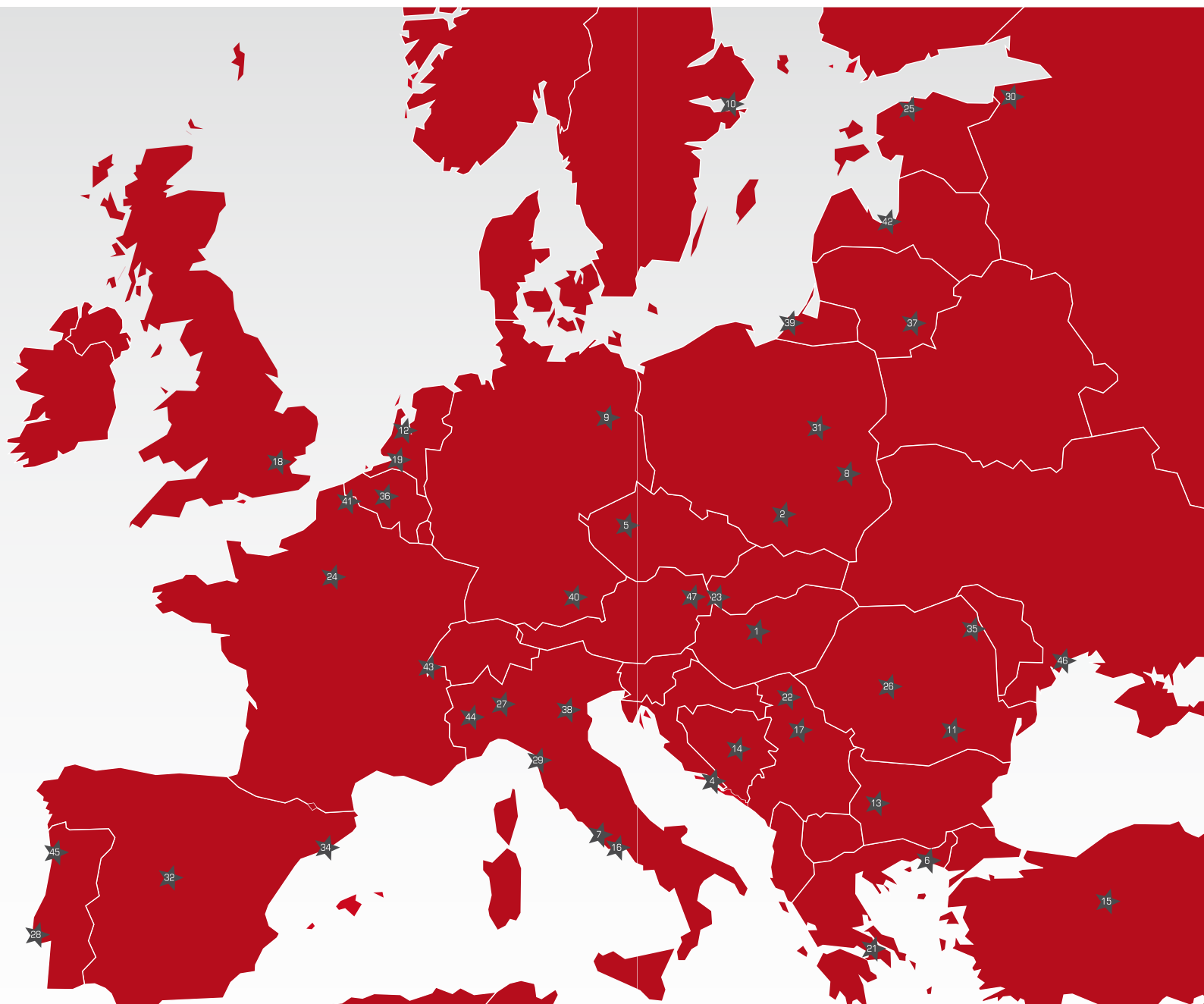
Astrid Schmähl
Heidelberg University
Medical Center and
German Cancer
Research Center,
Heidelberg/DE
Chest Imaging

Lucas M. Sconfienza
IRCCS Policlinico San
Donato / University of
Milan School of Medicine,
Milan/IT
Muskuloskeletal Radiology

Cities/Countries visited 2006–2012

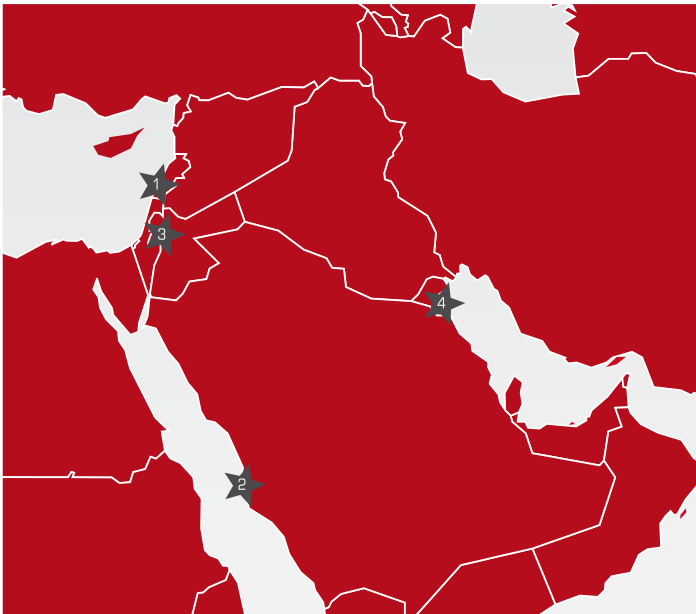
Europe

- | | | |
|------------------------------------|--------------------------|-----------------------|
| 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 | |
| 15 Ankara/Turkey | 32 Madrid/Spain | |
| 16 Latina/Italy | 33 Umea/Sweden | |
| 17 Belgrade/Serbia | 34 Barcelona/Spain | |



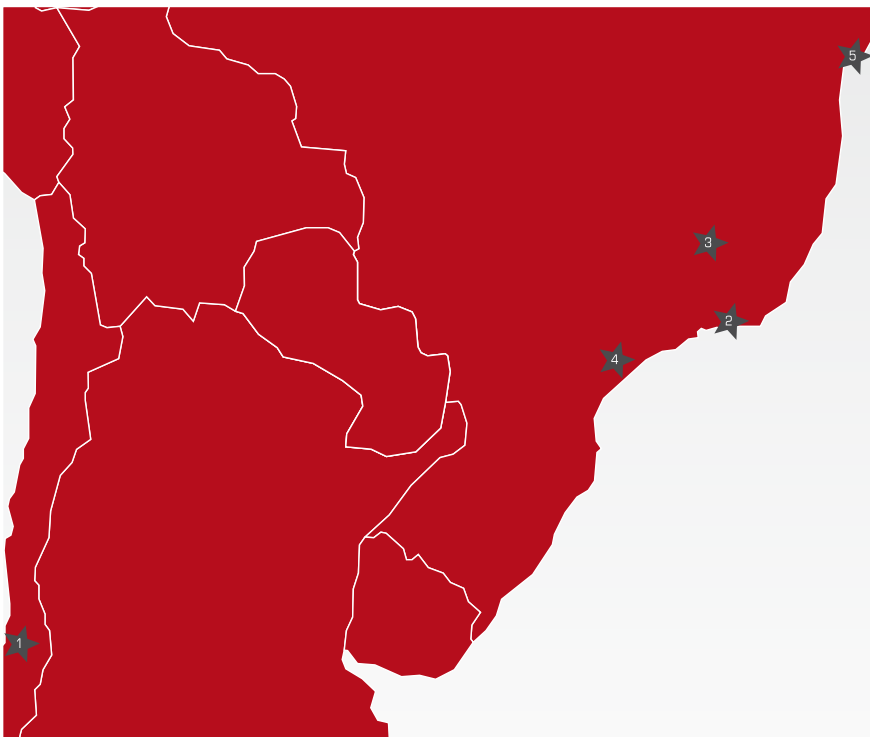
Asia

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



Middle East

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



South America

- 1 Santiago/Chile
- 2 Rio de Janeiro/Brazil
- 3 Belo Horizonte/Brazil
- 4 Sao Paulo/Brazil
- 5 Salvador/Brazil

ESOR at ECR 2012



ESOR booth in the entrance hall

ESOR info desk in the Rising Stars Lounge

ESOR Session

Broadening the concept of radiological education

Moderators:

N. Gourtsoyiannis, Athens/GR

A. Palkó, Szeged/HU

Introduction

A. Palkó, Szeged/HU

ESOR in action

N. Gourtsoyiannis, Athens/GR

Teach the teachers

H. Cameron, Edinburgh/UK

Widening the vision of teaching in radiology

S. Golding, Oxford/UK

Tutoring in radiology

A. Dixon, Cambridge/UK

Radiology and multidisciplinary teams: structure, role, perspective

P. Grenier, Paris/FR

Awards

On the occasion of the session, scholars and fellows were awarded certificates for successfully completing the 2011 Visiting Scholarship Programmes and Exchange Programmes for Fellowships.

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