EUROPEAN SCHOOL OF RADIOLOGY

The European School of Radiology (ESOR) is an established and growing project, fulfilling the mission of the European Society of Radiology (ESR) in the field of education. Its main goal is to assist in harmonising radiological education in Europe. With its wide range of activities, ESOR additionally aims to raise standards in the field of scientific radiology, to extend and coordinate teaching resources worldwide and to help young radiologists to obtain the knowledge and skills to fulfil tomorrow's requirements.

ESOR stands for education in partnership.

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All ESOR courses are open to ESR members as well as non-members. Further information about ESR membership is available on the ESR website myESR.org.

Please note that programmes are marked with a logo to indicate their classification according to the European Training Curriculum.

LEVEL I
First three years of training

LEVEL II
Fourth and fifth year of training (general radiologist standard)

LEVEL III
Subspecialty training standard

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Dear Colleagues,

ESOR has already completed ten challenging and rewarding years of uninterrupted commitment and continuous investment in radiological education in Europe. It keeps on moving around an enthusiastic and informed community, the ESOR community, with more than 1,700 trainees, scholars and fellows participating yearly in its programmes. During 2017, ESOR will be delivering again complementary, interactive, accredited, modular training to residents, board-certified radiologists and allied specialists through schools, seminars, tutorials, visiting scholarship programmes, exchange programmes for fellowships, and visiting professorship programmes.

This year, which will mark the completion of eleven remarkable years of ESOR in action, quite a number of established and newly introduced features of the past programmes will be upgraded in content and enriched, while new synergies are evolving, thus resulting in new fulfilling joint tasks. In 2017, ESOR is intensifying its presence in Eastern Europe by introducing a series of three dedicated new ASKLEPIOS courses. It is also expanding its educational horizons in Latin America to include a first-time initiative to Argentina with a visiting professorship programme. In addition, ESOR is strengthening its ties with the Colegio Interamericano de Radiología (CIR) by co-organising a three-day Joint CIR-ESR/ESOR Course on MR imaging.

Recently implemented certified full one-year ESOR fellowships will be offered for a third year, whereas a new formula in partnership with a major European institution, the Champalimaud Foundation, will be repeated and enhanced to address evolving educational needs in cancer imaging through multidisciplinary courses.

All of this hugely appreciated utilisation of teaching resources has been implemented with the unlimited support of highly esteemed and renowned lecturers, tutors, mentors, volunteer reference training centres, host organisations, subspecialty and national societies, academic institutions, and valued industrial partners. ESOR is greatly indebted to them all.

We would like to encourage all of you and especially younger colleagues to participate in the ESOR programmes and benefit from internationally renowned faculties and/or training in pre-selected, highly esteemed reference training centres in Europe and worldwide.

Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

ESOR STEERING COMMITTEE

March 2017 – March 2018

Scientific/Educational Director
Nicholas Gourtsoyiannis, Athens/GR

Steering Committee Members
Maria Argyropoulou, Ioannina/GR
Thomas HELBICH, Vienna/AT
Hans-UlrichKAUCZOR, Heidelberg/DE
Luis Marti-Bonmati, Valencia/ES
Malgorzata Szczerbo-Trojanowska, Lublin/PL

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Laura Oleaga, Barcelona/ES
Chairperson of the Education Committee
Atis Svare, Jelgava/LV
Representative of RTF
Peter BAERI, Vienna/AT
Executive Director ESR
Brigilte Lindlbauer, Vienna/AT
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Katrine Riklund, Umeå/SE
Valentin Sinitsyn, Moscow/RU
Christophoros Stoupis, Maennedorf/CH
Majda Thurnher, Vienna/AT
ESNR European Course of Neuroradiology
Siegfried Trattnig, Vienna/AT
ESMRMB School of MRI
The Greek owl symbolises the inner sight which penetrates and lightens the darkness of ignorance. The owl is sacred to the Greek goddess of learning and wisdom, Athena, and is depicted on Greek and Roman currency as a symbol of status, intelligence and wealth.

In ancient Egyptian, Celtic, and Hindu cultures the symbolic meaning of owl revolved around guardianship of the underworlds, being the ruler of the night, seer of souls and keeper of the spirits.

The owl’s eyes see through deception, external appearances and illusion, revealing hidden truths.

Beliefs hold that the owl puts an end to doubt and offers better vision and clarity of the truth of events, and all aspects of learning.
## ESOR ACTIVITIES

### Target Groups

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### Visiting Schools
- Visiting Seminars
- ESOR Courses for EDiR
- Visiting Professorship Programmes
- Visiting Scholarship Programmes
- Exchange Programmes for Fellowships
- One-year Fellowships
- Tutorials
OVERVIEW OF ACTIVITIES

ESOR 2017

EUROPE

GALEN Foundation Course
Neuroradiology
May 25–27, Prague/Czech Republic

GALEN Advanced Courses
Contrast Media for Better Diagnostic Accuracy
May 11-12, Valencia/Spain
Advances in Clinical CT
September 8–9, Zurich/Switzerland
Cardio-Thoracic Cross-Sectional Imaging
September 28–29, Heidelberg/Germany

ESOR Courses for EDiR
Chest Imaging
November 6, Vienna/Austria
Cardiac Imaging
November 7, Vienna/Austria
Breast Imaging
November 8, Vienna/Austria
Neuroradiology
November 9, Vienna/Austria
Head and Neck Radiology
November 10, Vienna/Austria
Musculoskeletal Radiology
November 11, Vienna/Austria
Abdominal Imaging
November 13, Vienna/Austria
Hybrid Imaging
November 14, Vienna/Austria
Paediatric Radiology
November 15, Vienna/Austria

ASKLEPIOS Courses
Challenges in Head and Neck Imaging
March 30–31, Serock/Poland
Emergency Radiology
May 4–5, Bucharest/Romania
Advanced Oncologic Imaging
May 19–20, Ekaterinburg/Russia
Advanced Abdominal Imaging
June 29–30, Yerevan/Armenia
Introduction to Hybrid Imaging in Oncology
August 31 – September 2, Vienna/Austria
Multimodality Course
September 1–2, Split/Croatia
Cardiac and Abdominal Imaging
October 18–20, Graz/Austria

Symposium on Imaging Hallmarks of Cancer
October 26–27, Lisbon/Portugal
Multidisciplinary Approach to Cancer Imaging
November 2-3, Rome/Italy
Women’s Imaging
December 7–8, Bratislava/Slovakia

Visiting Professorship Programmes within the ESR Support Initiative
Oncologic Imaging
5th Ukrainian Congress of Radiology
March 21, Kiev/Ukraine
Advanced Neuroimaging
Baikal Congress of Radiology
October 12, Budapest/Hungary

ESMRMB SCHOOL OF MRI
Advanced MR Imaging of the Musculoskeletal System
May 18–19, St. Petersburg/Russia
Advanced Cardiac MR Imaging
May 18–20, Basel/Switzerland
Clinical fMRI & DTI - Theory and Practice
June 15–17, Porto/Portugal
Advanced Neuro Imaging:
Diffusion, Perfusion, Spectroscopy
August 31 – September 2, Geneva/Switzerland
Advanced MR Imaging in Paediatric Radiology
September 7–9, Lille/ France
Advanced MR Imaging of the Abdomen
September 14–16, Palermo/Italy
Advanced MR Imaging of the Musculoskeletal System
September 28–30, Lisbon/Portugal
Advanced Breast & Female Pelvis MR Imaging
September 28–30, Krakow/Poland
MR Safety
October 5–7, Bolzano/Italy
Body Diffusion-weighted MRI:
Solving Clinical Problems and Diagnostic Dilemmas
November 8–10, Brussels/Belgium
Advanced Head & Neck MR Imaging
November 16–18, St. Julian’s/Malta
eLearning: Basic Course on Applied MR Techniques

ECNR
EUROPEAN COURSES OF NEURORADIOLOGY
14th Cycle (2nd Module)
CNS Tumours
May 7-11, Antwerp/Belgium
14th Cycle (3rd Module)
Vascular Diseases
October 15-19, Dubrovnik/Croatia
INTERNATIONAL
AIMS Advanced Imaging Multimodality Seminars

AIMS Mexico
Imaging in Thoracic and Abdominal Non-Traumatic Emergencies
April 26, Mexico City/Mexico
April 28, Puebla/Mexico

AIMS Korea
Contrast Enhanced Ultrasound
July 15, Seoul/Korea

AIMS Brazil
Emergency Radiology
August 25–26, Belo Horizonte/Brazil

CIR-ESR/ESOR Joint Course
Advances in MRI: from Head to Toe
June 8-10, Cancun/Mexico

Visiting Professorship Programmes
Thoracic and Abdominal Imaging
June 8, Tashkent/Uzbekistan

Head and Neck Radiology
August 1, Bogota/Colombia
August 3, Cartagena/Colombia
Pre-Congress to CCR 2017

Abdominal Imaging
November 4, Mar del Plata/Argentina

Tutorials
Astanat Tutorial
May 29 - June 9, Astana/Kazakhstan

Graz Tutorial
October 16-20, Graz/Austria

Visiting Scholarship Programmes
(3 months)
Visiting Scholarship Programme Europe
Visiting Scholarship Programme USA
Visiting Scholarship Programme for Chinese Radiologists - Jo Li

Exchange Programmes for Fellowships EUROPE
(3 months)
Abdominal Radiology Fellowship
Breast Radiology Fellowship
Cardiac Radiology Fellowship
Head and Neck Radiology Fellowship
Musculoskeletal Radiology Fellowship
Neuroradiology Fellowship
Paediatric Radiology Fellowship
Thoracic Radiology Fellowship

Exchange Programme for Fellowships USA
(6 months)
Breast Imaging Fellowship

One-year Fellowships
Abdominal Imaging
Hôpital Beaujon, Clichy/France

Chest Radiology
Heidelberg University Hospital, Heidelberg/Germany

Imaging Biomarkers in Cancer
Champalimaud Foundation, Lisbon/Portugal

Imaging of Cancer
The Netherlands Cancer Institute, Amsterdam/The Netherlands

Interventional Neuroradiology
Hospital Clinic of Barcelona/Spain

Interventional Radiology
Radboud University Medical Center, Nijmegen/The Netherlands

Paediatric Radiology
Hôpital Bicêtre, Le Kremlin Bicêtre/France

Please note that programmes are marked with a logo to indicate their classification according to the European Training Curriculum.

LEVEL I
First three years of training
LEVEL II
Fourth and fifth year of training (general radiologist standard)
LEVEL III
Subspecialty training standard
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.
GALEN COURSES 2017

GALEN FOUNDATION COURSE

NEURORADIOLOGY
May 25–27, 2017
Prague/Czech Republic

GALEN ADVANCED COURSES

CONTRAST MEDIA FOR BETTER DIAGNOSTIC ACCURACY
May 11–12, 2017
Valencia/Spain

ADVANCES IN CLINICAL CT
September 8–9, 2017
Zurich/Switzerland

CARDIO-THORACIC CROSS-SECTIONAL IMAGING
September 28–29, 2017
Heidelberg/Germany
GALEN Courses

AIM
The GALEN Foundation Courses have been designed to familiarise young radiologists with the established approaches and most recent achievements in diagnostic imaging, related to topics across the modalities. The courses are aimed at residents in their 1st, 2nd or 3rd year of training in radiology and are primarily assigned to the geographic area of south, central and eastern Europe. Board-certified radiologists are welcome to join as well.

The GALEN Advanced Courses are focused on recent advances in radiological imaging, related to topics across cross-sectional imaging. The courses are aimed at residents in their 4th and 5th year of training in radiology and recently board-certified radiologists.

Each programme is divided into organ-oriented lecture series and interactive workshops, offered by an internationally renowned European faculty. All programmes have been specifically structured with the trainee radiologist in mind and are meant to deal with subjects of practical importance; they have an interactive character to encourage informal and free communication between participants and lecturers.

COURSE PROGRAMME
Each programme is divided into organ-oriented lecture series and interactive workshops, offered by an internationally renowned European faculty. All programmes have been specifically structured with the trainee radiologist in mind and are meant to deal with subjects of practical importance; they have an interactive character to encourage informal and free communication between participants and lecturers. Every course is accompanied by an online self-assessment test consisting of multiple-choice questions.

ESR/ESOR reserves the right to amend course programmes.

COURSE LANGUAGE
All courses are held in English.

ELIGIBILITY
Foundation courses are intended for residents in their 1st, 2nd or 3rd year of training in radiology whereas advanced courses are intended for residents in their 4th and 5th year of training in radiology and recently board-certified radiologists, who desire a comprehensive review of diagnostic radiology. Participants must be proficient in English. All courses are open to ESR members, as well as non-members. ESR members benefit from a special registration fee.

Further information about ESR membership is available at myESR.org/membership.

REGISTRATION
The registration fees for the GALEN Courses vary. For the current registration fees for the courses please refer to the website or relevant course in this brochure. It is possible to attend more than one course. The registration fee includes lecture and workshop attendance, teaching material for the course, coffee breaks and lunch as per programme. Kindly note that the fee for residents applies to radiologists in training only. Resident registration must therefore be accompanied by a confirmation of resident status, signed by the head of department.

Online registration is available at myESR.org/esor. As the number of participants per course is limited to 60, registrations will be considered on a first come, first serve basis. When making your travel arrangements, please make sure that you will be able to stay for the entire course.
TERMS OF CANCELLATION
Cancellation by the course organiser:
• In case the minimum number of participants has not been reached four weeks prior to the course, the organiser reserves the right to cancel the course. Registration fees will be refunded in full.

Cancellation by the participant:
• No refund from ESR/ESOR is possible in the event of cancellation or no-show by the participant. We recommend taking out the cancellation insurance offered by Europäische Reiseversicherung.

HOTEL ACCOMMODATION
Participants are responsible for their travel and hotel arrangements. Recommendations for hotels at the venue or nearby are available online at myESR.org/esor under the respective course information. Please book early in order to ensure availability.

CME ACCREDITATION
An application has been made to the European Accreditation Council for Continuing Medical Education (EACCME) for CME accreditation of all ESOR courses.
The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.eu. European accreditation is granted by the EACCME in order to allow participants to validate the credits obtained at this activity in their home European country. The maximum number of CME credits designated for each event is announced on the ESOR website as soon as the application process of the specific event has been finalised.

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VIDEOTAPING AND PHOTOGRAPHY POLICY
ESR/ESOR does not allow any unauthorised videotaping or photography of any lectures or workshops.

For up-to-date information please visit myESR.org/esor.
GALEN FOUNDATION Course
NEURORADIOLOGY
May 25–27, 2017
Prague/Czech Republic

Host Organiser
J. Vymazal
Prague/CZ

Venue
Panorama Hotel Prague
Milevská 7
140 63 Prague 4
Czech Republic

Faculty
M. Argyropoulou, Ioannina/GR; F. Bonneville, Toulouse/FR; P. Demaerel, Leuven/BE; J. Ferda, Pilsen/CZ; M. Mechl, Brno/CZ; E. Papadaki, Heraklion/GR; I. Pronin, Moscow/RU; A.M. Rulseh, Prague/CZ; P. Sundgren, Lund/SE; M. Thurnher, Vienna/AT; L. Van den Hauwe, Antwerp/BE; P. Vilela, Lisbon/PT

Course information
This course is for radiologists in training, who desire a comprehensive and concise review of neuroradiology. Basic neuroanatomy, general disease categories of traumatic, infectious, neoplastic, vascular, congenital, demyelinating diseases of the brain and spine will be covered. Internationally renowned European experts will conduct a series of didactic lectures and dedicated interactive case review discussions. The course encompasses the broad spectrum of neuroradiology practice, including comprehensive reviews, updates in new trends and relevant imaging techniques.

Learning objectives
• to learn the essential imaging findings of the most common brain and spine pathologies
• to prioritise imaging studies that will guide patient management
• to select the best and most cost-effective imaging protocols

Registration fee
ESR members in training
Early fee EUR 150; Late fee EUR 200

Non-members in training
Early fee EUR 250; Late fee EUR 300

ESR members
Early fee EUR 250; Late fee EUR 300

Non-members
Early fee EUR 350; Late fee EUR 400

(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
GALEN ADVANCED Course

CONTRAST MEDIA FOR BETTER DIAGNOSTIC ACCURACY

May 11–12, 2017
Valencia/Spain

Faculty

Course information
This course is aimed at senior residents, board-certified radiologists and fellows interested in contrast enhanced radiological studies, including US, CT and MR imaging. The course will strengthen the importance of contrast enhancement and the benefit of contrast media usage in diagnostic imaging procedures across all indications that require contrast enhancement to achieve the highest diagnostic confidence. Special focus will lie on the application of the latest imaging techniques available to improve medical imaging and patient safety. Renowned European experts will ensure a high-quality teaching programme, combining plenary lectures and interactive small group workshops.

Learning objectives
• to appreciate the potential of advanced contrast enhanced imaging in the clinical management of diseases and their safety concerns
• to review state-of-the-art contrast enhanced imaging strategies and criteria available in the detection and characterisation of the most frequent/important clinical conditions
• to learn how to measure different biological properties such as blood flow and capillary permeability in different diseases

Registration fee
ESR members in training Early fee EUR 200; Late fee EUR 250
Non-members in training Early fee EUR 300; Late fee EUR 350
ESR members Early fee EUR 300; Late fee EUR 350
Non-members Early fee EUR 400; Late fee EUR 450

(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)

For further information on the programme and registration please visit myESR.org/esar
GALEN ADVANCED Course
ADVANCES IN CLINICAL CT
September 8–9, 2017
Zurich/Switzerland

Faculty
H. Alkadhi, Zurich/CH; A. Blum, Nancy/FR; V. Goh, London/UK; M. Krokidis, Cambridge/UK; K.-O. Lovblad, Geneva/CH; M. Prokop, Nijmegen/NL; H. Prosch, Vienna/AT; J. Sosna, Jerusalem/IL; V. Vilgrain, Paris/FR

Course information
The course is aimed at senior residents, board-certified radiologists and fellows, as well as practicing radiologists interested in recent advances on CT imaging. It is designed as an intense, one and a half day course and addresses current advances, applied innovations and practices in CT imaging of the whole body. The expert faculty comprises excellent international teachers in the field. This course gives the unique opportunity to evaluate the latest technological and imaging updates for state-of-the-art advanced CT imaging in radiology. The combination of didactic lectures with interactive workshops, will give the attendees the opportunity of an educative experience and an exchange possibility with the faculty.

Learning objectives
• to learn about current CT scanner technology, scanning options, dose reduction techniques and iterative reconstruction
• to enhance knowledge on clinical applications of dual energy CT and subtraction imaging techniques
• to learn about CT perfusion techniques of the whole body, as well as in neuroimaging
• to be informed about CT imaging updates and their implications in chest, cardiac, musculoskeletal, abdominal and vascular diseases

Registration fee
ESR members in training
Early fee EUR 250; Late fee EUR 300
ESR members
Early fee EUR 350; Late fee EUR 400
Non-members in training
Early fee EUR 350; Late fee EUR 400
Non-members
Early fee EUR 450; Late fee EUR 500
(Effective fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
Faculty

H. Alkadhi, Zurich/CH; S. Desai, London/UK; M. Francone, Rome/IT;
C.P. Heussel, Heidelberg/DE; C. Loewe, Vienna/AT; K. Nikolaou, Tuebingen/DE;
N. Sverzellati, Parma/IT; E. Van Beek, Edinburgh/UK; J. Vogel-Claussen, Hannover/DE

Course information

This course is aimed at senior residents and recently board-certified radiologists. The purpose of the course is to consolidate the knowledge in chest and cardiac radiology and to provide an integrated view into state-of-the-art cardio-thoracic cross-sectional imaging. The course is focused on the advanced applications of CT and MR in chest and cardiac imaging. The range of topics covers the clinically challenging areas of cardio-thoracic radiology such as imaging of patients with pulmonary infections or nodules, interstitial pneumonias, airway disease, pulmonary hypertension, coronary heart disease, cardiomyopathies, and valvular disease. The faculty consists of internationally renowned European experts sharing their expertise and best cases. The combination of didactic lectures with interactive workshops guarantees the high educational value of this teaching programme.

Learning objectives

• to become familiar with the latest technical and methodological advances
• to understand the diagnostic and prognostic value provided by state-of-the-art radiology
• to consolidate knowledge about the current best practice indications for patients with challenging pulmonary and cardiac pathology
• to learn about the increasing role of imaging biomarkers

Registration fee

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(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
ESOR COURSES FOR EDiR 2017
Vienna/Austria

CHEST IMAGING
November 6, 2017

CARDIAC IMAGING
November 7, 2017

BREAST IMAGING
November 8, 2017

NEURORADIOLOGY
November 9, 2017

HEAD AND NECK RADIOLOGY
November 10, 2017

MUSCULOSKELETAL RADIOLOGY
November 11, 2017

ABDOMINAL IMAGING
November 13, 2017

HYBRID IMAGING
November 14, 2017

PAEDIATRIC RADIOLOGY
November 15, 2017
Aim
In 2017, ESOR is continuing to organise preparatory courses designed to assist those willing to enter examinations for the European Diploma in Radiology (EDiR). A series of courses is organised at the ESR Learning Centre in Vienna/Austria in November. The format will include nine courses, each one dealing with a specific organ-/system-oriented theme. The topics offered are: abdominal, breast, cardiac, chest, head and neck, musculoskeletal, neuro and paediatric radiology as well as hybrid imaging. The teaching/learning objectives for each of them are strictly adhered to the European Training Curriculum. The ESOR Courses for EDiR are intended to help prospective candidates to prepare for the European Diploma in Radiology examination. Attendance does not guarantee acceptance to take the examination or success in the examination.

Course Programme
Each course consists of six 20-minute lectures, immediately followed by 40-minute case-based reviews on the same topic. A self-assessment test with multiple-choice questions on the respective topic will round-off the exercise. ESR/ESOR reserves the right to amend course programmes.

Course Language
All courses are held in English.

Eligibility
ESOR Courses for EDiR are intended for radiologists and trainees in radiology in their fifth or final year of their national residency programme. Participants must be proficient in English. All courses are open to ESR members, as well as non-members. ESR members benefit from a special registration fee. Further information about ESR membership is available at myESR.org/membership.

Registration
For the current registration fees for the courses please refer to the website or relevant course in this brochure. It is possible to attend more than one course. The registration fee includes lecture attendance, teaching material for the course, coffee breaks and lunch as per programme. Kindly note that the fee for residents applies to radiologists in training only. Resident registration must therefore be accompanied by a confirmation of this status, signed by the head of department. Registration may be possible for a single one-day course or for several courses of the series.

Online registration is available at myESR.org/esor. As the number of participants per course is limited to 25, registrations will be considered on a first come, first serve basis. When making your travel arrangements, please make sure that you will be able to stay for the entire course.
TERMS OF CANCELLATION
Cancellation by the course organiser:
• In case the minimum number of participants has not been reached four weeks prior to the course, the organiser reserves the right to cancel the course. Registration fees will be refunded in full.

Cancellation by the participant:
• No refund from ESR/ESOR is possible in the event of cancellation or no-show by the participant. We recommend taking out the cancellation insurance offered by Europäische Reiseversicherung.

HOTEL ACCOMMODATION
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CME ACCREDITATION
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For up-to-date information please visit myESR.org/esor
ESOR Courses for EDiR
Vienna/Austria

Venue
ESR Learning Centre
Neutorgasse 9
1010 Vienna
Austria

Course information
In 2017, ESOR is continuing to organise foundation courses to prepare/assist those entering examinations for the European Diploma in Radiology. A series of courses is organised at the ESR Learning Centre in Vienna/Austria in November. The format will include nine courses, each one dealing with a specific organ/system-oriented theme.

The teaching concept will include 20-minute lectures, immediately followed by 40-minute case-based reviews on six topics. The teaching/learning objectives for each of the topics will be strictly adhered to the European Training Curriculum. A self-assessment test including multiple-choice questions for each of the topics will round-off the exercise.

25 participants will be targeted per course. Registration will be possible for each single, one-day course, or for several courses of the series.

Registration fee

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Registration fees are inclusive 10% VAT.
ESOR Courses for EDiR

CHEST IMAGING
November 6, 2017

Faculty
H. Prosch, Vienna/AT; J. Vlahos, London/UK

Learning objectives
• to appreciate common appearances of thoracic injuries
• to become familiar with typical patterns and management of pulmonary nodules and nodular pattern
• to learn about the normal anatomy and diseases of the airways and pulmonary vessels
• to consolidate knowledge about diseases of the pleura

CARDIAC IMAGING
November 7, 2017

Faculty
A. Jacquier, Marseille/FR; C. Loewe, Vienna/AT

Learning objectives
• to learn about the segmental approach to coronary arterial anatomy and the most common coronary anomalies
• to become familiar with the role of cardiac MR in myocardial tissue characterisation
• to learn about the possibilities and challenges of imaging prior and after treatment of coronary artery disease
• to understand the current and possible future role of cardiac MR in acute coronary syndromes

BREAST IMAGING
November 8, 2017

Faculty
B. Brkljačić, Zagreb/HR; M. Fuchsjäger, Graz/AT

Learning objectives
• to understand the role of modern imaging techniques - mammography, ultrasound and MRI in diagnosis of breast diseases, including nipple discharge and other symptoms
• to be acquainted with specific features of advanced ultrasound and MRI in diagnosis of breast cancer, choosing treatment, and follow-up after treatment
• to appreciate the need of structured reporting to understand how to communicate breast imaging findings to patients
• to understand the role of imaging guidance in breast biopsies and minimally invasive therapy of breast cancer

For further information on the programme and registration please visit myESOR/esor
ESOR Courses for EDiR

NEURORADIOLOGY
November 9, 2017

Faculty
P. Sundgren, Lund/SE;
M. Thurnher, Vienna/AT

Learning objectives
• to review the most common congenital and developmental brain malformations
• to learn how to diagnose meningeal diseases of the brain and spine
• to review imaging features of most common toxic and metabolic brain disorders
• to be informed about the best imaging strategy for spinal cord diseases
• to introduce diagnostic algorithm for epilepsy

HEAD AND NECK RADIOLOGY
November 10, 2017

Faculty
K. Bhatia, London/UK;
R. Hermans, Leuven/BE

Learning objectives
• to review the essential anatomy of some key structures and spaces in the head and neck region
• to learn the optimal imaging strategy in function of the clinical setting
• to refine the differential diagnosis based on imaging findings
• to understand the impact of imaging findings on patient management

MUSCULOSKELETAL RADIOLOGY
November 11, 2017

Faculty
A. Karantanas, Heraklion/GR;
K. Verstraete, Gent/BE

Learning objectives
• to become familiar with the most common disorders and the imaging algorithm for diagnosing the painful hips in young adults and the painful postoperative knee
• to know the earliest MRI findings of spinal infection and to differentiate this from inflammation and degeneration
• to understand how to plan and supervise an imaging approach for the soft tissue and bone tumours
• to understand the normal bone marrow and the marrow disorders using an updated MRI protocol
ESOR Courses for EDiR

ABDOMINAL IMAGING
November 13, 2017

Faculty
F. Caseiro Alves, Coimbra/PT; R. Pozzi Mucelli, Verona/IT

Learning objectives
• to learn about the advantages and limitations of modern imaging techniques for liver, pancreas and renal diseases focusing on CT and MR
• to solve clinical problems and provide advice for image interpretation and reporting aiming at patient management
• to provide a differential diagnosis for common and less common pathologic conditions in these organ-based topics

HYBRID IMAGING
November 14, 2017

Faculty
K. Riklund, Umeå/SE; L. Umutlu, Essen/DE

Learning objectives
• to understand the indications, limitations and comparative merits of each part in hybrid imaging in common diseases
• to learn about evaluation of hybrid imaging
• to get a basic knowledge of tracers and radiopharmaceuticals for hybrid imaging
• to learn about imaging techniques, protocols and artefacts in hybrid imaging

PAEDIATRIC RADIOLOGY
November 15, 2017

Faculty
M. Argyropoulou, Ioannina/GR; P. Petit, Marseille/FR

Learning objectives
• to become familiar with the imaging protocols and findings in brain congenital malformations and infections
• to learn about the imaging findings and the follow-up of brain and extracranial lesions of neurofibromatosis type I & II
• to acquire knowledge on the imaging and clinical findings of the inflammatory bowel disease and the respective complications in childhood
• to become familiar with the imaging protocols and findings of disorders of the spleen and pancreas in children
Asclepios 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 2017

CHALLENGES IN HEAD AND NECK IMAGING
March 30–31, 2017
Serock/Poland

EMERGENCY RADIOLOGY
May 4–5, 2017
Bucharest/Romania

ADVANCED ONCOLOGIC IMAGING
May 19–20, 2017
Ekaterinburg/Russia

ADVANCED ABDOMINAL IMAGING
June 29–30, 2017
Yerevan/Armenia

INTRODUCTION TO HYBRID IMAGING IN ONCOLOGY
August 31 – September 1, 2017
Vienna/Austria

MULTIMODALITY
September 1-2, 2017
Split/Croatia

CARDIAC AND ABDOMINAL IMAGING
October 18–20, 2017
Graz/Austria

SYMPOSIUM ON IMAGING HALLMARKS OF CANCER
October 26–27, 2017
Lisbon/Portugal

MULTIDISCIPLINARY APPROACH TO CANCER IMAGING
November 2–3, 2017
Rome/Italy

WOMEN’S IMAGING
December 7–8, 2017
Bratislava/Slovakia
AIM
The established ASKLEPIOS project is tailored to serve professional development by addressing recognised needs in the context of continuous radiologic education. Its concept is versatile and broad to even cover evolving topics at European and non-European destinations. Its programmes include multithematic, organ-oriented, multimodality and multidisciplinary advanced courses, aiming at senior residents, general radiologists and private practitioners in radiology or allied specialists.

COURSE PROGRAMME
Each course programme consists of lectures and workshops (interactive case discussions) and is accompanied by an online self-assessment test consisting of multiple-choice questions. ESR/ESOR reserves the right to amend course programmes.

COURSE LANGUAGE
All courses are held in English.

ELIGIBILITY
The ASKLEPIOS courses are intended for senior residents, subspecialists as well as general radiologists and private practitioners. Participants must be proficient in English, unless otherwise stated. All courses are open to ESR members, as well as non-members. ESR members benefit from a special registration fee. Further information about ESR membership is available at myESR.org/membership.

REGISTRATION
The registration fees for the ASKLEPIOS courses vary. For the current registration fees for the courses please refer to the website or relevant course in this brochure. It is possible to attend more than one course. The registration fee includes lecture and workshop attendance, teaching material for the course, coffee breaks and lunch as per programme. Online registration is available at myESR.org/esor. As the number of participants per course is limited to 60, registrations will be considered on a first come, first serve basis. When making your travel arrangements, please make sure that you will be able to stay for the entire course.
TERMS OF CANCELLATION

Cancellation by the course organiser:
• In case the minimum number of participants has not been reached four weeks prior to the course, the organiser reserves the right to cancel the course. Registration fees will be refunded in full.

Cancellation by the participant:
• No refund from ESR/ESOR is possible in the event of cancellation or no-show by the participant. We recommend taking out the cancellation insurance offered by Europäische Reiseversicherung.

HOTEL ACCOMMODATION
Participants are responsible for their travel and hotel arrangements. Recommendations for hotels at the venue or nearby are available online at myESR.org/esor under the respective course information. Please book early in order to ensure availability.

CME ACCREDITATION
An application has been made to the European Accreditation Council for Continuing Medical Education (EACCME) for CME accreditation of all ESOR courses.
The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. European accreditation is granted by the EACCME in order to allow participants to validate the credits obtained at this activity in their home European country. The maximum number of CME credits designated for each event is announced on the ESOR website as soon as the application process of the specific event has been finalised.

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VIDEOTAPING AND PHOTOGRAPHY POLICY
ESOR does not allow any unauthorised videotaping or photography of any lectures or workshops.

For up-to-date information please visit myESR.org/esor
ASKLEPIOS Course

CHALLENGES IN HEAD AND NECK IMAGING

March 30–31, 2017
Serock/Poland

Faculty

T. Beale, London/UK; J. Bladowska, Wroclaw/PL; A. Borges, Lisbon/PT; E.E. Deurloo, Amsterdam/NL; D. Farina, Brescia/IT; R. Maroldi, Brescia/IT; B. Schuknecht, Zurich/CH; A. Trojanowska, Lublin/PL; B. Verbist, Leiden/NL

Course information

This course is aimed at last-year residents, general radiologists as well as neuroradiologists and intends to offer practical insights into head and neck challenging problems encountered in everyday practice. Hence, it focuses on clinical queries, like “the neck mass in a paediatric or adult patient” or the “long standing unilateral nasal obstruction”, as it happens in real-life. These and other challenging questions will be addressed by clear and practical problem-solving approaches. In particular, special consideration will be given to two strategies: how to handle a specific challenge via key anatomy findings and imaging features, and how to build up a report with a checklist suggested by experts. During these one and a half days a unique group of faculty members, well known for their experience in head and neck imaging will offer top quality lectures and case-based interactive panel discussions in small groups.

Learning objectives

• to understand the indications, limitations and comparative values of each of the cross-sectional imaging modalities in challenging clinical queries
• to provide the rationale of reporting on the basis of a checklist
• to become familiar with current treatment options in head and neck lesions
• to understand how imaging information impacts treatment choice, planning, and stratification

Registration fee

ESR members in training
Early fee EUR 150; Late fee EUR 200

Non-members in training
Early fee EUR 250; Late fee EUR 300

ESR members
Early fee EUR 250; Late fee EUR 300

Non-members
Early fee EUR 350; Late fee EUR 400

(Early fee until March 9, 2017)
(Late fee from March 10, 2017)
Faculty
C. Calli, Izmir/TR; L. Derchi, Genoa/IT; M. Laniado, Dresden/DE; A. Palkó, Budapest/HU; M. Raissaki, Heraklion/GR; M. Scaglione, Castel Volturno/IT; C. Schaefer-Prokop, Amersfoort/NL; I. Thomassin-Naggara, Paris/FR; M. Zins, Paris/FR

Course information
The course is designed for last-year residents and recently board-certified radiologists. It will collate knowledge in imaging of traumatic and non-traumatic emergencies, aiming to enhance multidisciplinary patient management. Didactic lectures followed by interactive workshops embrace a multimodality approach to topics ranging from intracranial to chest, abdominal, urogenital and paediatric emergencies. Renowned European experts will present the latest technical advances and imaging strategies to answer relevant clinical questions.

Learning objectives
• to address the most important clinical questions that need to be answered in optimising management of polytrauma and abdominal trauma patients
• to update knowledge of imaging features of the most common/important non-traumatic intracranial, chest, abdominal and urogenital emergencies
• to review the imaging appearances of abdominal paediatric emergencies
• to become familiar with easily overlooked findings and diagnostic errors when evaluating emergency imaging studies

Registration fee
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(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
ASKLEPIOS Course

ADVANCED ONCOLOGIC IMAGING

May 19–20, 2017
Ekaterinburg/Russia

Faculty

C. Bartolozzi, Pisa/IT; S. Jackson, Plymouth/UK; A. Laghi, Latina/IT;
O. Lucidarme, Paris/FR; R. Pozzi Mucelli, Verona/IT; P. Prassopoulos,
Alexandroupolis/GR; N. Rubtsova, Moscow/RU; N. Traikova, Plovdiv/BG;
I. Tyurin, Moscow/RU

Course information

The course is designed for senior residents, board-certified radiologists and
fellows. It is aimed at familiarising attendees from Russia and CIS countries with
recent advances and practices in body oncologic imaging, as well as at creating
a firm interest in subspecialisation, related to this specific field of radiology. A
multimodality imaging approach to a wide spectrum of neoplastic diseases is
presented, ranging from head and neck, lung, gastroesophageal, hepatocellular,
pancreatic, renal, endometrial and cervical cancer to abdominal lymphomas
and GIST’s. The European experts in oncologic imaging will ensure a high-
quality teaching programme, combining lectures and workshops, allowing for
interactive case discussions.

Learning objectives

• to present an update of advanced imaging protocols for the detection and
characterisation of some of the most frequent/important neoplastic diseases
• to learn more about the imaging features relevant to clinical decision-making
in such patients
• to understand the clinical significance of early-tumour-detection and the
necessity for accurate staging and structured oncologic reporting for appropriate
therapy-planning and correct estimation of prognosis

Registration fee

Registration will be available on congress-ph.ru.
ASKEPIOS Course
ADVANCED ABDOMINAL IMAGING
June 29–30, 2017
Yerevan/Armenia

Faculty
S. Gourtsoyianni, London/UK; M. Laniado, Dresden/DE; L. Romanini, Brescia/IT; H.-P. Schlemmer, Heidelberg/DE; V. Sinitsyn, Moscow/RU; C. Stoupis, Maennedorf/CH; V. Vilgrain, Clichy/FR; M. Vishnyakova, Moscow/RU; G. Zamboni, Verona/IT

Course information
The course is aimed at senior residents, board-certified radiologists and fellows interested in abdominal imaging. Diagnostic criteria and challenges, staging principles for imaging and advances in depiction and characterisation of a variety of neoplastic and inflammatory disorders of the abdomen will be presented. Special focus will be given on the applications of the latest imaging techniques available. Renowned European experts will ensure a high-quality teaching programme, combining plenary lectures and interactive workshops in small groups.

Learning objectives
• to appreciate the potential of advanced imaging, including CT, CEUS and DWI, in the clinical management of neoplastic and inflammatory diseases of the abdomen
• to review state-of-the-art imaging strategies and criteria available in the detection and characterisation of the most frequent/important abdominal conditions, including abdominal ischemia, acute pancreatitis, cystic lesions of the pancreas, liver tumours and prostate cancer
• to learn how to respond to different clinical problems concerning accurate staging and defining resectability of GI tract cancer

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(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
ASKELEPIOS Course
INTRODUCTION TO HYBRID IMAGING IN ONCOLOGY
August 31 – September 1, 2017
Vienna/Austria

Host Organisers
K. Riklund
Umeå/SE

C. Herold
Vienna/AT

Venue
Venue to be confirmed.

Faculty
R. Beets-Tan, Amsterdam/NL; T. Beyer, Vienna/AT; R. Forstner, Salzburg/AT; F. Giesel, Heidelberg/DE; T. Hany, Zurich/CH; M. Hartenbach, Vienna/AT; H. Prosch, Vienna/AT; K. Riklund, Umeå/SE; A. Rockall, London/UK; H.-P. Schlemmer, Heidelberg/DE; M. Stokkel, Amsterdam/NL; A. Vanzulli, Milan/IT

Course information
This course is aimed at last year residents, general radiologists, nuclear medicine physicians and oncologists who want to update their knowledge on new applications and state-of-the-art hybrid medical imaging of cancer. No previous practical experience of the subject is required. The expert faculty comprises nuclear medicine physicians and radiologists who will provide a series of lectures describing optimal imaging pathways for oncological diagnosis, follow-up and response assessment. Lectures will be followed by interactive workshops, presented jointly by faculty specialists.

Learning objectives
• to learn the principles of hybrid medical imaging
• to learn the key clinical questions at different points in the patient’s journey
• to understand the indications, limitations and comparative merits of each part in hybrid medical imaging in a wide range of oncologic conditions and how it relates to other modalities
• to appreciate the complementary roles of structural and functional/molecular imaging in cancer management
• to understand hybrid medical imaging pathways for a range of different tumour types including non-small cell lung cancer, lymphoma, head and neck, prostate and gynaecological cancer
• to understand how information derived from imaging guides patient selection for treatment and supports individualised treatment planning

Registration fee
ESR members in training
Early fee EUR 200; Late fee EUR 250
ESR members
Early fee EUR 300; Late fee EUR 350

Non-members in training
Early fee EUR 300; Late fee EUR 350
Non-members
Early fee EUR 400; Late fee EUR 450

(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course) Registration fees are inclusive 10% VAT.

For further information on the programme and registration please visit myESR.org/esor
Faculty
B. Brkljačić, Zagreb/HR; C. Catalano, Rome/IT; L. Curvo Semedo, Coimbra/PT; F.J.A. Meijer, Nijmegen/NL; U. Mueller-Lisse, Munich/DE; M. Prokop, Nijmegen/NL; J. Puylaert, The Hague/NL; P. Taourel, Montpellier/FR; C. Triantopoulou, Athens/GR

Course information
The course is aimed at last-year residents, general radiologists and general practitioners who want to update their knowledge on new applications and optimised protocols in diagnostic imaging. The course offers the unique opportunity to evaluate some of the latest technological advances for state-of-the-art MRI and CT in day-to-day practice and to enhance professional knowledge of current imaging options for a number of clinical conditions. Established European top radiologists will lay the groundwork in didactic lectures for subsequent interactive case discussions in workshops.

Learning objectives
• to learn about current MRI and CT protocols in the field of GI, breast, brain, vascular and urinary tract pathologies
• to understand the indications, limitations and comparative merits of each of the cross-sectional imaging modalities in a wide range of clinical conditions
• to learn more about how to optimise imaging quality
• to learn about the imaging features relevant for clinical decision making

Registration fee
ESR members in training Non-members in training
Early fee EUR 200; Late fee EUR 250 Early fee EUR 300; Late fee EUR 350
ESR members Non-members
Early fee EUR 300; Late fee EUR 350 Early fee EUR 400; Late fee EUR 450

(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
ASKLEPIOS Course

CARDIAC AND ABDOMINAL IMAGING

October 18–20, 2017
Graz/Austria

Faculty

H. Deutschmann, Graz/AT; M. Fuchsjäger, Graz/AT; S. Gourtsoyianni, London/UK; C. Loewe, Vienna/AT; R. Maderthaner, Graz/AT; Y. Menu, Paris/FR; R. Portugaller, Graz/AT; G. Reiter, Graz/AT; U. Reiter Graz/AT; W. Schima, Vienna/AT; J. Schmid, Graz/AT; H. Schöllnast, Graz/AT; V. Sinitsyn, Moscow/RU

Course information

This course is mainly aimed at residents in their late years of training. Space permitting, board-certified radiologists interested in updating their knowledge with regard to cardiac and abdominal radiology are welcome to register. It focuses on specific/personalised approaches and imaging strategies for cardiac and abdominal diseases/pathologies as well as malignancies such as pancreatic, liver, colon or anorectal cancer. Special attention is given to the role of cross-sectional imaging as well as minimal-invasive image-guided diagnosis and therapy. Internationally renowned European experts ensure a high-quality teaching programme.

Learning objectives

• to consolidate knowledge on personalised aspects of cardiac and abdominal radiology
• to learn about multimodality approaches in cardiac and abdominal radiology
• to understand present and future indications and applications of cardiac MRI
• to appreciate the role of abdominal radiology from differentiation to diagnosis and minimal-invasive treatment

Registration fee

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(Late fee after eight weeks prior to the course)
Registration fees are inclusive 10% VAT.
Faculty

Course information
The course is designed for radiologists and all those professionals interested in acquiring knowledge on cutting-edge methods to diagnose, to treat and to manage cancer patients. A renowned multidisciplinary faculty will provide the delegates with a blend of basic science and the most recent developments in computational, functional, and molecular imaging techniques as well as in the rapidly evolving field of Interventional Oncology.

Learning objectives
• to learn how to use novel imaging methods to interrogate cancer biology and physiology
• to envision how translational research may help developing imaging research
• to become familiar with and understand the added value of image-guided intervention in cancer care

Registration fee
Professionals EUR 100
Students EUR 30

For registration information please visit the website of the Champalimaud Foundation: bit.ly/2113MLF
**ASKLEPIOS Course**

**MULTIDISCIPLINARY APPROACH TO CANCER IMAGING**

November 2–3, 2017
Rome/Italy

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**Faculty**

S. Alfieri, Rome/IT; R. Beets-Tan, Amsterdam/NL; C. Dejong, Maastricht/NL; P. Hoskin, London/UK; M. Hoyer, Aarhus/DK; R. Manfredi, Rome/IT; A.G. Morganti, Bologna/IT; N. Papanikolaou, Lisbon/PT; H.-P. Schlemmer, Heidelberg/DE; V. Valentini, Rome/IT; C. van de Velde, Leiden/NL; U. van der Heide, Amsterdam/NL; H. Van Poppel, Leuven/BE; V. Vilgrain, Clichy/FR

**Course information**

This course is designed for radiologists, radiation-oncologists, surgeons and all others involved or interested in obtaining knowledge on the multidisciplinary management of liver, pancreatic, prostate and rectal cancer. The goal is to understand each other’s specialty needs in a multidisciplinary environment. The course aims to provide knowledge on an integrated approach of imaging in the diagnosis and treatment of cancer. Didactic lectures followed by workshops simulating multidisciplinary tumour boards will cover all aspects of patients’ management. A renowned European multidisciplinary faculty of expert radiologists, surgeons and radiation-oncologists will provide the participants with an in-depth knowledge of imaging technology as well as an understanding of how its information can be used for clinical decision-making, treatment planning, adaptation and response assessment.

**Learning objectives**

- to understand the imaging technology and protocols used in radiology and radiation oncology
- to learn about relevant questions in each other’s specialty
- to become familiar with current treatment options in liver, pancreatic, prostate and rectal cancer
- to know the role of and understand how imaging information impacts treatment stratification, planning and adaptation

**Registration fee**

- **ESR and ESTRO members in training**
  - Early fee EUR 200; Late fee EUR 300
- **Non-members in training**
  - Early fee EUR 300; Late fee EUR 400
- **ESR and ESTRO members**
  - Early fee EUR 350; Late fee EUR 450
- **Non-members**
  - Early fee EUR 450; Late fee EUR 550

(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)

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For further information on the programme and registration please visit myESR.org/esor

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This ASKLEPIOS Course is implemented with great support and partnership of ESTRO (European Society for Radiotherapy & Oncology).
ASKLEPIOS Course

WOMEN’S IMAGING

December 7–8, 2017

Bratislava/Slovakia

Faculty


Course information

This course is aimed at senior residents, board-certified radiologists and fellows interested in women’s imaging. It is articulated on imaging strategies for breast and pelvic pathologies. Special focus is given to the latest cross-sectional imaging techniques in the detection and staging of breast, cervical and ovarian malignancies. Internationally renowned European experts ensure a high-quality teaching programme combining lectures and interactive case discussions.

Learning objectives

• to convey in-depth knowledge of breast cancer imaging and breast screening mammography
• to discuss state-of-the-art imaging approaches, using breast US elastography, digital breast tomosynthesis and breast MRI in the detection and characterisation of breast cancer and in the imaging of the axilla
• to review interventional procedures of breasts under imaging guidance
• to review imaging protocols for female pelvic imaging, and potential pitfalls in imaging
• to refresh knowledge of pelvic inflammatory disorders
• to present an update on current imaging protocols for the detection and evaluation of the cervical and ovarian cancer

Registration fee

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(Early fee until eight weeks prior to the course)
(Late fee after eight weeks prior to the course)
Education in partnership
LEVEL III

VISITING PROFESSORSHIP PROGRAMMES
within the ESR Support Initiative

ONCOLOGIC IMAGING
FIFTH UKRAINIAN CONGRESS OF RADIOLOGY
March 21, 2017
Kiev/Ukraine

ADVANCED NEUROIMAGING
BALKAN CONGRESS OF RADIOLOGY
October 12, 2017
Budapest/Hungary
VISITING PROFESSORSHIP PROGRAMMES
within the ESR Support Initiative

ONCOLOGIC IMAGING

March 21, 2017
Kiev/Ukraine

Host Organiser
O.V. Shcherbina
Kiev/Ukraine

Faculty
N. Kartalis, Stockholm/SE; L. Marti-Bonmati, Valencia/ES; H. Thoeny, Bern/CH

Course information
The course is aimed at senior residents, board-certified radiologists and fellows interested in abdominal oncologic imaging. It is designed as an intense one-day programme, directly linked to the 5th Ukrainian Congress of Radiology, as part of the ESR Support Initiative. A particular focus will be on the applications of the latest imaging techniques, diagnostic criteria, staging principles and clinical role of imaging in liver, pancreatic, renal and prostate cancer. Renowned European experts will ensure a high-quality teaching programme, combining lectures and workshops, allowing for interactive case discussions.

Learning objectives
• to present an update on current imaging criteria and strategies for the detection of some of the most frequent/important neoplastic diseases of the abdomen
• to review the evolving role and diagnostic potential of imaging within the multidisciplinary Tumour Board Meetings
• to explain the clinical significance of diffusion-weighted imaging in abdominal oncology
• to understand morphological imaging criteria for assessing tumour response in patients with abdominal malignancies

Registration fee
UAH 2,000

For registration information please visit: www.aru-ua.org
VISITING PROFESSORSHIP PROGRAMME
within the ESR Support Initiative

ADVANCED NEUROIMAGING

October 12, 2017
Budapest/Hungary

Host Organiser
A. Palkó
Szeged/HU

Faculty
P. Parizel, Antwerp/BE; P. Sundgren, Lund/SE; T. Yousry, London/UK

Course information
The course is aimed at senior residents, board-certified radiologists and fellows interested in advanced neuroimaging. It is designed as an intense one-day programme, directly linked to the Balkan Congress of Radiology, as part of the ESR Support Initiative. A particular focus will be on the cranial-cervical junction, the functional anatomy of the limbic lobe, association and commissural fasciculi, quantitative MRI biomarkers, inflammatory diseases of the brain, and post-treatment imaging in brain tumours. Renowned European experts will ensure a high-quality teaching programme, combining lectures and interactive case-based discussions.

Learning objectives
• to describe the use of advanced imaging for brain tumour treatment prognosis and define the differences between true progression and pseudo progression from radiation necrosis
• to review MRI protocols and features for diagnosis and differential diagnosis of inflammatory conditions of the brain, except MS
• to explain the need for quantitative biomarkers and show examples used for the whole brain, a specific anatomic region, or a voxel
• to understand the various meanings of ‘limbic’ and the functional interaction between the Insular and the limbic lobe
• to know the functional anatomy of the association tracts involved in language and of the corpus callosum

Registration fee
Please note that registration for this programme is only open for participants of the Balkan Congress of Radiology. The registration fee for the ESOR course is EUR 50.

For registration information please visit: bcr2017.kmcongress.com
Education in partnership
ESMRMB SCHOOL OF MRI
COURSE PROGRAMME
2017

ADVANCED MR IMAGING OF THE MUSCULOSKELETAL SYSTEM
May 18–19, St. Petersburg/Russia

ADVANCED CARDIAC MR IMAGING
May 18–20, Basel/Switzerland

CLINICAL FMRI & DTI - THEORY AND PRACTICE
June 15-17, Porto/Portugal

ADVANCED NEURO IMAGING: DIFFUSION, PERFUSION, SPECTROSCOPY
August 31 – September 2, Geneva/Switzerland

ADVANCED MR IMAGING IN PAEDIATRIC RADIOLOGY
September 7–9, Lille/France

ADVANCED MR IMAGING OF THE ABDOMEN
September 14–16, Palermo/Italy

ADVANCED MR IMAGING OF THE MUSCULOSKELETAL SYSTEM
September 28–30, Lisbon/Portugal

ADVANCED BREAST & FEMALE PELVIS MR IMAGING
September 28–30, Krakow/Poland

MR SAFETY
October 5–7, Bolzano/Italy

BODY DIFFUSION-WEIGHTED MRI: SOLVING CLINICAL PROBLEMS AND DIAGNOSTIC DILEMMAS
November 8–10, Brussels/Belgium

ADVANCED HEAD & NECK MR IMAGING
November 16–18, St. Julian’s/Malta

ELEARNING: BASIC COURSE IN APPLIED MR TECHNIQUES
COURSE INFORMATION
Creating educational ties and partnerships with other societies in the wider domain of imaging is a key feature of the ESOR philosophy. One such partnership has been successfully built up with the European Society for Magnetic Resonance in Medicine and Biology (ESMRMB) and its School of MRI, thus avoiding unnecessary competition and providing better educational opportunities within the radiological community.

The School of MRI has become a well-established course programme within the MR community. This, besides many factors, is due to the individual way of teaching in small groups with experienced international experts and the long standing commitment of the course organisers.

In 2017, eleven European courses will be organised by the School of MRI targeted to physicians and technicians/radiographers.

ADVANCED CLINICAL COURSES
All courses are held at an advanced educational level. Participants should be physicians with well-established knowledge in MRI physics and techniques. In addition, they should have a minimum of 6 months of experience in applied MRI in the relevant field.

BASIC COURSE ON APPLIED MR TECHNIQUES
The course is particularly aimed at medical doctors (e.g. residents in radiology), biologists or technicians who work with MRI or have an interest in using MRI for research. Participants do not need previous experience in MR techniques and MR physics.
COURSE PROGRAMME

Advanced MR Imaging of the Musculoskeletal System
May 18-19, St. Petersburg/RU
Course Organiser: Prudencia Tyrrell, Oswestry/UK
Local Organiser: Alla Karpenko, St. Petersburg/RU

Advanced Cardiac MR Imaging
May 18-20, Basel/CH
Course Organiser: Jens Bremerich, Basel/CH
Local Organiser: Jens Bremerich, Basel/CH

Clinical fMRI & DTI - Theory and Practice
June 15-17, Porto/PT
Course Organiser: Alexander Leemans, Utrecht/NL
Local Organiser: Antonio Bastos-Leite, Porto/PT

Advanced Neuro Imaging: Diffusion, Perfusion, Spectroscopy
August 31 - September 2, Geneva/CH
Course Organiser: Johan Wikström, Uppsala/SE
Local Organiser: Sven Haller, Commugny/CH

Advanced MR Imaging in Paediatric Radiology
September 7-9, Lille/FR
Course Organiser: Fred Avni, Lille/FR
Local Organiser: Fred Avni, Lille/FR

Advanced MR Imaging of the Abdomen
September 14-16, Palermo/IT
Course Organiser: Nicholas Gourtsoyiannis, Athens/GR
Local Organiser: Giuseppe Brancatelli, Palermo/IT

Advanced MR Imaging of the Musculoskeletal System
September 28-30, Lisbon/PT
Course Organiser: Prudencia Tyrrell, Oswestry/UK
Local Organiser: Vasco Mascarenhas, Lisbon/PT

Advanced Breast & Female Pelvis MR Imaging
September 28-30, Krakow/PL
Course Organiser: Riccardo Manfredi, Rome/IT
Local Organisers: Andrzej Frycz Modrzewski, Krakow/PL
Klemens Budzowski, Krakow/PL

MR Safety
October 5-7, Bolzano/IT
Course Organiser: Siegfried Trattnig, Vienna/AT
Local Organiser: Nadia Oberhofer, Bolzano/IT

Body Diffusion-weighted MRI: Solving Clinical Problems and Diagnostic Dilemmas
November 8-10, Brussels/BE
Course Organiser: Dow-Mu Koh, London/UK
Local Organisers: Maria Antonietta Bali, Brussels/BE
Pietro Scilla, Brussels/BE

Advanced Head & Neck MR Imaging
November 16-18, St. Julian’s/MT
Course Organiser: Roberto Maroldi, Brescia/IT
Local Organiser: Edith Vassallo, Msida/MT

eLearning: Basic Course in Applied MR Techniques
Course Organiser: Eva Scheurer, Basel/CH
Education in partnership
ECNR
EUROPEAN COURSES IN NEURORADIOLOGY 2017

14TH CYCLE (2ND MODULE)
CNS TUMOURS
May 7-11, Antwerp/Belgium

14TH CYCLE (3RD MODULE)
VASCULAR DISEASES
October 15-19, Dubrovnik/Croatia
ECNR
EUROPEAN COURSES IN NEURORADIOLOGY

The courses will be organised by the European School of Neuroradiology (ESONR) of the European Society of Neuroradiology, Diagnostic and Interventional (ESNR):

Creating educational ties and partnerships with other societies in the wider domain of imaging is a key feature of the ESOR philosophy. Another cooperation has been set up with the European Society of Neuroradiology, Diagnostic and Interventional (ESNR) and its European Course of Neuroradiology (ECNR), which has become part of the educational activities of ESOR for several years.

The 1st module of the 14th cycle of the European Courses on Neuroradiology (ECNR) “Embryology and Anatomy” was held in Dubrovnik, Croatia from October 16-20, 2016. The 2nd module “CNS Tumours”, will be organised in Antwerp, Belgium, from May 7-11, 2017 and the 3rd module “Vascular diseases” will take place in Dubrovnik, Croatia from October 15-19, 2017.

All courses comprise lectures and interactive workshops by an internationally renowned faculty. Upon successful completion of all four modules (one entire cycle) the eligible participants can apply for a final examination to obtain the European Diploma in Neuroradiology (EDiNR). The EDiNR certifies that the holder has a level of knowledge and competence in line with the requirements of the European Board of Neuroradiology (EBNR).

The cooperation between ESOR and ESNR will certainly round off and enhance high-level educational opportunities for European radiologists in training.

Further details on 2017 courses as well as the registration are available at www.esnr.org

Learning objectives

- to impact teaching-based lectures and workshops, rather than academic-type conferences, to transmit rather than deliver information
- to acquire basic neuroscience and clinical core knowledge
- to provide theoretical bases of present and future clinical practice and research in diagnostic and interventional neuroradiology
- to impart highly interactive diagnostic, interventional and mixed-type neuroradiological workshops

14th Cycle of the ECNR
2nd Module
CNS Tumors
May 7-11, Antwerp/Belgium

14th Cycle
3rd Module
Vascular diseases
October 15-19, Dubrovnik/Croatia
Education in partnership
AIMS ADVANCED IMAGING MULTIMODALITY SEMINARS 2017

AIMS MEXICO
IMAGING IN THORACIC AND ABDOMINAL NON-TRAUMATIC EMERGENCIES
April 26, 2017
Mexico City/Mexico
April 28, 2017
Puebla/Mexico

AIMS KOREA
CONTRAST ENHANCED ULTRASOUND
July 15, 2017
Seoul/Korea

AIMS BRAZIL
EMERGENCY RADIOLOGY
August 25–26, 2017
Belo Horizonte/Brazil
The AIMS programme has been set up by ESOR to create educational links and exchange between the European Society of Radiology and national radiological societies outside Europe.

The programme is materialised in partnership with the Korean Society of Radiology (KSR), the Brazilian College of Radiology (CBR), the Mexican Federation of Radiology (FMRI), and the Mexican Society of Radiology (SMRI). The seminars in Mexico and Korea are made possible through an unrestricted grant from Bracco.

The educational programmes are delivered jointly by renowned European speakers and esteemed local lecturers in an effort to open up additional opportunities for exchanging expertise and enhancing scientific collaboration.

The AIMS programmes are aimed at board-certified radiologists and specialists. These are organ- or subspecialty oriented, focused on the most recent diagnostic advances available and offer ample opportunities to share and exchange scientific knowledge and expertise. The programmes consist of lectures and workshops and are limited to a certain number of participants which allows an interactive character, encouraging informal and free communication between participants and lecturers.
Faculty
A. Filippone, Chieti/IT; R. Forstner, Salzburg/AT; G. Guerrero Avendaño, Mexico City/MX; C. Loewe, Vienna/AT; M. Prokop, Nijmegen/NL; M. Salinas Chapa, Monterrey/MX

Course information
The AIMS seminars are designed for participants from Mexico, in particular last-year residents, board-certified radiologists and fellows, interested in thoracic and abdominal non-traumatic emergencies. They are articulated on advanced imaging strategies, diagnostic criteria and challenges when dealing with some of the most important acute thoracic and abdominal conditions. An outstanding European and Mexican faculty will ensure a high-quality teaching programme, combining lectures and interactive case discussions.

Learning objectives
• to appreciate the potential of advanced imaging in the clinical management of acute aortic syndrome
• to get familiar with new imaging insights into pulmonary embolism
• to discuss the role of imaging in the depiction and management of mesenteric ischemia and non-traumatic perforation of the GI tract
• to review state-of-the-art imaging approaches in diagnosing acute infectious and inflammatory conditions of the abdomen and pelvis

Registration fee Mexico City
MXN 1,500
For registration information please visit bit.ly/2hw8HCc

Registration fee Puebla
MXN 1,500
For registration information please visit bit.ly/2hzbj3H
Faculty
Demosthenes Cokkinos, Athens/Greece; Annamaria Deganello, London/UK; Seung Hyup Kim, Seoul/Korea; Woo Yong Jeong, Seoul/Korea; Jeong Yeon Cho, Seoul/Korea; Paul Sidhu, London/UK

Course information
The course is aimed at participants from Korea, in particular last-year residents, board-certified radiologists and fellows interested in contrast enhanced ultrasound (CEUS) imaging. It is designed to update knowledge on state-of-the-art CEUS imaging, including all aspects of hepatic and non-hepatic CEUS imaging. Particular attention will be paid to the latest developments in renal and other genitourinary CEUS imaging in addition to the more traditional hepatic applications. The use of CEUS in emergency imaging will be highlighted. A new and novel use of CEUS will be discussed with applications in many areas in children, reducing unnecessary radiation of CT imaging. Renowned European and Korean experts ensure a high-quality teaching programme, combining lectures and interactive case discussions.

Learning objectives
• to learn and consolidate knowledge in the traditional application in liver disease
• to assimilate knowledge in the largest growing area for the application of CEUS in the kidney and other genitourinary applications
• to learn to apply CEUS in the emergency setting as a problem solving tool
• to advance knowledge in the most potentially useful applications of CEUS in children, potentially reducing radiation

Registration
Korean Society of Ultrasound in Medicine
53 Mapo-daero, Mapo-gu, Seoul, 04158, Korea
Tel: +82-2-763-5627
Fax: +82-2-763-6909
E-mail: office@ultrasound.or.kr
www.ultrasound.or.kr (Korean)
www.ksum.or.kr (English)
EMERGENCY RADIOLOGY

August 25–26, 2017
Belo Horizonte/Brazil

Faculty
A. Brandão, Rio de Janeiro/BR; D. Escuissato, Curitiba/BR; C. Loewe, Vienna/AT; E. Mueller, Belo Horizonte/BR; A. Paes, Florianópolis/BR; M. Raissaki, Heraklion/GR; M. Thurnher, Vienna/AT; M. Zins, Paris/FR

Course information
The course is aimed at participants from Brazil, in particular last-year residents, board-certified radiologists and fellows interested in emergency radiology. It is designed to provide an in-depth review and an update on relevant aspects of imaging diagnosis of the most important traumatic and non-traumatic emergencies, including brain injury and stroke, head and neck emergencies, chest trauma and pulmonary embolism, acute aortic syndrome, acute abdomen, mesenteric ischemia, female pelvis emergencies, abdominal paediatric trauma and sports injuries. An outstanding European and Brazilian faculty will ensure a high-quality teaching programme, combining lectures and workshops, allowing for interactive case discussions.

Learning objectives
• to appreciate the potential of advanced imaging in the clinical management of traumatic injuries
• to review state-of-the-art imaging strategies and criteria available in the detection and characterisation of acute abdominal conditions
• to address the most important clinical questions, which need to be answered, in optimising management of patients with acute chest problems

Registration fee
Early fee
ESR/CBR Members: R$ 600
( Until June 10, 2017)

Late fee
ESR/CBR Members: R$ 700
Non members: R$ 900
( Until August 24, 2017)

On-site fee
ESR/CBR Members: R$ 770
Non members: R$ 1030

For registration information please visit: www.cursoesor.com.br
Education in partnership
JOINT CIR-ESR/ESOR COURSE
ADVANCES IN MRI: FROM HEAD TO TOE

June 8-10, 2017
Cancún/Mexico

ESR/ESOR faculty

CIR faculty
I. Barber, Barcelona/ES; J. Bencardino, New York/US; A. Burdiles, Santiago/CL; J. Camps, Valencia/ES; M. de Souza Rocha, São Paulo/BR; R. del Carpio, Montreal/CA; M. del Pilar Cortes, Montreal/CA; M. Garza, Monterrey/MX; C.J. Torres, Montreal/CA; E. Kimura, Mexico City/MX; A. Meave, Mexico City/MX; M.A. Pinochet, Santiago/CL; L. Perez, Santiago/CL; R. Restrepo, Medellin/CO; M. Rodriguez de Abreu, Porto Alegre/BR; J. Rodriguez Lucero, Rosario/AR; P. Soffia, Santiago/CL; D. Stoisa, Rosario/AR; M.J. Vidal, San Juan/PR

Course information
This course is aimed at radiology residents, fellows and board-certified radiologists. It is designed to advance the knowledge on MRI cross-sectional imaging. The programme provides an update on MRI on the various organs/systems including abdomen/GU, breast, neuro and MSK, as well as paediatric and foetal MRI applications. Renowned European experts and CIR professors will highlight the latest MRI advances as well as specific imaging strategies to answer clinical questions through didactic lectures combined with interactive case discussions.

Learning objectives
• to review advances in MRI of the different organs/systems
• to determine the most appropriate MRI protocols for diagnosis of various disorders
• to identify the key MRI findings in major pathologies

Registration
Early fee
CIR members: USD 370
Non-members: USD 420
Residents: USD 185
(until May 17)
On-site fee
CIR members: USD 420
Non-members: USD 475
Residents: USD 210

For registration please visit bit.ly/2ip33SX
For booking accommodation please visit bit.ly/2il6bM8
Education in partnership
VISITING PROFESSORSHIP PROGRAMMES 2017

THORACIC AND ABDOMINAL IMAGING
June 8, 2017
Tashkent/Uzbekistan

HEAD AND NECK RADIOLOGY
August 1, 2017
Bogotá/Colombia
August 3, 2017
Cartagena/Colombia
Pre-Congress to CCR 2017

ABDOMINAL IMAGING
November 4, 2017
Mar del Plata/Argentina
VISITING PROFESSORSHIP PROGRAMME UZBEKISTAN

THORACIC AND ABDOMINAL IMAGING

June 8, 2017
Tashkent/Uzbekistan

Host Organiser
M. Khodjibekov
Tashkent/UZ

Faculty
N. Gourtsoyiannis, Athens/GR; P. Prassopoulos, Alexandroupolis/GR; I. Tyurin, Moscow/RU

Venue
Radisson Blu Hotel
88 Amir Temur Street
100084 Tashkent
Uzbekistan

Course information
The aim of this one-day intense multi-thematic course is to enhance and consolidate the tutorials in Central Asia and further the educational opportunities for senior residents, board-certified radiologists and fellows from Uzbekistan and neighbouring countries. It is designed to update professional knowledge of current imaging options and strategies in a number of selected clinical conditions. Renowned European experts will ensure a high-quality teaching programme.

Learning objectives
• to review and elaborate on imaging features of community acquired pneumonia
• to discuss the current status in imaging and management of pulmonary nodule
• to present an update on multimodality imaging of lung cancer
• to discuss challenges in imaging liver infections and inflammations
• to review imaging strategies in the depiction and characterisation of neuroendocrine tumours of the abdomen
• to refresh knowledge on imaging primary malignancies of the small bowel and discuss the potential of MRI in the management of patients with inflammatory small bowel disease
• to become familiar with the clinical role of imaging in peritoneal carcinomatosis

Registration
Please contact the Uzbekistan Radiology Society for registration: uzradssociety@gmail.com
VISITING PROFESSORSHIP PROGRAMME COLOMBIA
HEAD AND NECK RADIOLOGY

August 1, 2017
Bogotá/Colombia
August 3, 2017
Cartagena/Colombia

Faculty

J.W. Casselman, Bruges/BE; R. Maroldi, Brescia/IT; B. Schuknecht, Zurich/CH

Course information

Both courses are aimed at senior residents, board-certified radiologists and fellows interested in head and neck imaging. The courses are designed as an intense one-day programme covering key topics in head and neck pathologies. They are intended to offer practical insights into head and neck challenging problems encountered in the everyday practice, as in lesions of the orbit, larynx, temporal bone and neck. A special attention will be given to the latest development in CT and MR to optimise the detection, characterisation, local and regional tumour mapping and follow-up of head and neck neoplasms. The courses will also provide an overview of the potential of high-resolution Cone Beam Computed Tomography for low-dose imaging of temporal bone and sinuses. Renowned European lecturers will ensure a high-quality teaching programme, combining lectures and workshops, allowing case-based interactive panel discussions in small groups.

Learning objectives

- to learn about the impact of imaging information on treatment choices
- to understand the indications, limitations and comparative values of US, CT and MR techniques in a wide range of head and neck pathologies
- to review imaging protocols and key information in the assessment of neck lumps and spread of deep infections
- to discuss the state of the art of CBCT in lesions of temporal bone and sinuses

Registration fee

USD 83 (until May 15, 2017) USD 100 (after May 15, 2017)

*VAT (16%) not included.

For registration information please visit: www.acronline.org/curs oresor2017
ABDOMINAL IMAGING

November 4, 2017
Mar del Plata/Argentina

Faculty
N. Gourtsoyiannis, Athens/GR; L. Marti-Bonmati, Valencia/ES; C. Matos, Lisbon/PT

Course information
This course is aimed at senior residents, board-certified radiologists and fellows interested in high-quality abdominal imaging. This intense one-day programme is articulated on imaging strategies for liver, pancreas and small bowel pathologies, with emphasis in technical strategies and reporting guidelines. Latest cross-sectional imaging techniques will be discussed regarding lesion detection, characterisation, staging and follow-up with radiological-pathological correlation. Renowned European lecturers will ensure a high-quality teaching programme, hybrid combining lectures and workshops, allowing for interactive case discussions. The course takes place one day after the National Meeting of Residents, where young physicians representing their respective schools present clinical-radiological cases of interest. These cases are discussed together with their fellow residents under the coordination of experts.

Learning objectives
• to convey in-depth knowledge on the role of imaging in liver, pancreas and small bowel disorders
• to present a comprehensive and practical overview of updated current imaging protocols and derived information in the detection and evaluation of abdominal pathologies
• to review main pearls and pitfalls in abdominal imaging
• to discuss state-of-the-art imaging approaches in both qualitative and quantitative aspects of liver, pancreas and small bowel diseases

Registration fee
Early fee
Radiologists: USD 40
Residents in training: USD 25
(_until October 15)
On-site fee
Radiologists: USD 50
Residents in training: USD 35

Registration will be possible from March 15 onwards. For detailed information, please visit the websites of SAR (www.sar.org.ar) or FAARDIT (www.faardit.org.ar).

For any specific inquiries, please contact secretaria@sar.org.ar or juan@faardit.org.ar
Education in partnership
TUTORIALS

ASTANA TUTORIAL
May 29 – June 9, 2017
Astana/Kazakhstan

GRAZ TUTORIAL
October 16–20, 2017
Graz/Austria
**ASTANA TUTORIAL**

May 29 – June 9, 2017
Astana/Kazakhstan

**Faculty**
A. Abdrakhmanov, Astana/KZ; Z. Abdrakhmanova, Astana/KZ; B. Abishev, Astana/KZ; M. Aisarova, Almaty/KZ; S. Alimbaev, Astana/KZ; M. Aripov, Astana/KZ; A. Aspidov, Moscow/RU; Z. Baiturlin, Astana/KZ; B. Baizhigitov, Astana/KZ; M. Berdikhojayev, Almaty/KZ; E. Chuvakova, Astana/KZ; T. Dautov, Astana/KZ; N. Gagarina, Moscow/RU; N. Gourtsoyiannis, Athens/GR; M. Gutberlet, Leipzig/DE; S. Imankulov, Astana/KZ; K. Kovaleva, Graz/AT; Z. Kozhakhmetova, Astana/KZ; K. Maer, Astana/KZ; O. Michel, Saarbrücken/DE; S. Mukhametzhanova, Astana/KZ; T. Nurgozhin, Astana/KZ; P.M. Parizel, Antwerp/BE; P. Prassopoulous, Alexandroupolis/GR; I. Pronin, Moscow/RU; R. Rakhimzhanova, Astana/KZ; A. Saduakasova, Astana/KZ; O. Sakhov, Almaty/KZ; N.L. Shimanovskii, Moscow/RU; V. Sinitsyn, Moscow/RU; I. Tyurin, Moscow/RU

**Aim**
The aim of the ESOR Tutorials is to further the experience of young radiologists, residents in their late years of training and board-certified radiologists, in daily radiological routine through exchange and intense teaching in the Central Asian reference centre. The ESOR Astana Tutorial 2017 will be organised by the National Research Cardiac Surgery Centre in Astana under the chairmanship of Dr. T. Dautov, and is sponsored by Siemens Healthineers.

**Eligibility criteria and application process**
1. The ESOR Astana Tutorial applies to young radiologists, residents in their late years of training and board-certified radiologists, who desire to get the benefit of intense teaching.
2. The ESOR Astana Tutorial is aimed at radiologists from Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.
3. Previous exposure in any field of special interest is advantageous.

4. To apply for the programme, applicants must send an e-mail to the ESOR Office (esor@myesr.org) and provide the following documents:
   a. Current curriculum vitae (CV)
   b. Letter of motivation explaining personal interest
   c. Letter of recommendation from the head of department of the current training centre or a previously undertaken academic training
   d. Proof of resident status or certificate of board certification

The application deadline is March 13th, 2017.

**Programme structure**
For two weeks participants are offered practical and theoretical knowledge and the opportunity to be integrated in the activities of an academic department of radiology. The tutorial comprises lectures on a variety of topics, covering modern diagnostic and interventional radiology. Mentored hands-on workshops in ultrasound, CT and MRI are also included. Additional exposure to issues of the broader culture of radiology is provided, addressing radiologic education, departmental work-flow, quality assurance or administrative principles and qualities. The teaching language is partially English and Russian.

**Funding**
Hotel accommodation for up to 14 nights, meals, local transport and certificates will be provided for the participants. The flight tickets from the respective home countries to Astana have to be borne by the participants themselves.
The aim of the ESOR Tutorials is to further the experience of young radiologists, residents in their last year of training and board-certified radiologists, in daily radiological practice through intense teaching and exchange in a European reference centre. In Graz the participants are offered one week of practical and theoretical knowledge and the opportunity to be integrated in the activities of an academic department of radiology. The tutorial will be organised by the Medical University Graz under the chairmanship of Prof. M. Fuchsjäger.

The ESOR Graz Tutorial is supported by the ESR.

Number of available places
In 2017, 12 places are available.

Eligibility criteria and application process
1. The ESOR Graz Tutorial applies to young radiologists, residents in their late years of training and board-certified radiologists, who desire to get the benefit of intense teaching.
2. The ESOR Graz Tutorial is aimed at radiologists from Russia and CIS countries.
3. Previous exposure in any field of special interest is advantageous.
4. Applicants must be proficient in English.
5. To apply for the programme, applicants must send an e-mail to the ESOR Office (esor@myesr.org) and provide the following documents:
   a. Current curriculum vitae (CV)
   b. Letter of motivation explaining personal interest
   c. Letter of recommendation from the head of department of the current training centre or a previously undertaken academic training
   d. Proof of resident status or board certification
   e. Written confirmation of the head of department stating that the applicant is proficient in English
The application deadline is May 31st, 2017.

Programme structure
For one week participants are offered practical and theoretical knowledge and the opportunity to be integrated in the activities of an academic department of radiology. Traditionally, the ESOR Tutorials are aiming at Russia and CIS countries. The tutorial comprises lectures on a variety of topics, covering modern diagnostic and interventional radiology. Mentored hands-on workshops in ultrasound, CT and MRI are also included. Additional exposure to non-interpretive issues of the broader culture of radiology is provided, addressing radiologic education, departmental work-flow, quality assurance or administrative principles and qualities. The whole programme is performed by a renowned faculty including local and invited speakers. The focus of the 2017 Graz Tutorial will be on Cardiac, Abdominal and Breast Imaging. Participants will have the chance to present a scientific lecture under expert guidance to train their presentation skills.

Funding
Hotel accommodation for up to 6 nights, breakfast, coffee breaks, lunches, local transport and certificates will be provided for the participants. The flight tickets from the respective home cities to Graz have to be borne by the participants themselves.
Education in partnership
LEVEL II

VISITING SCHOLARSHIP PROGRAMMES
(3 months)

VISITING SCHOLARSHIP PROGRAMME EUROPE
VISITING SCHOLARSHIP PROGRAMME USA
VISITING SCHOLARSHIP PROGRAMME FOR CHINESE RADIOLOGISTS - JO LI
AIM
The ESOR Visiting Scholarship Programme (Europe) offers qualified trainees the opportunity to get to know another training environment and to kick off an interest for subspecialisation in radiology. During three months of training the scholars will be provided with a structured, modular introduction to different subspecialties and will be supervised by a specialised tutor in a pre-selected, highly esteemed academic training centre in Europe.

TOPICS
• Abdominal Radiology
• Breast Imaging
• Cardiac Imaging
• Chest Radiology
• Contrast Enhanced Ultrasound (CEUS)
• Emergency Radiology
• Head and Neck Radiology
• Interventional Radiology
• Molecular Imaging
• Musculoskeletal Radiology
• Neuroradiology
• Oncologic Imaging
• Paediatric Radiology
• Urogenital Radiology

NUMBER OF AVAILABLE SCHOLARSHIPS
During 2017, up to 36 places are available and will be realised in partnership with Bracco and ESR. One of the scholarships will be offered to a Spanish radiologist in partnership with the Spanish Foundation of Radiology. Furthermore, two of the available scholarships will be provided for residents from Ukraine within the ESR Support Initiative.

ELIGIBILITY
1. These scholarships apply to residents in their 3rd, 4th or 5th year of training in radiology who desire to get the benefit of a mentored modular training of a specific subspecialised topic in radiology.
2. Completion of the training curriculum from at least the first two years of residency is required, verified by the head of department. Competence in producing a radiological report and communicating with clinicians and patients is appreciated, as well as knowledge of the principles of administration and management applied to a clinical department with multi-disciplinary staff and high-cost equipment.
3. Previous exposure in any field of special interest, including basic knowledge of imaging methods, indications for imaging and clinical expectations, is advantageous.
4. Applicants must be proficient in English.
5. ESR membership fees for 2017 must be settled.

Please note that you can only apply for one scholarship programme and one of the available topics at once. Applicants who were selected for this programme or the Visiting Scholarship Programme USA in the past cannot be considered again.

DURATION AND FUNDING
The training will start in the second half of the year and last for three months. The scholars will receive a grant upon completion of the training, delivery of a final report and submission of original flight tickets and accommodation receipts.

The fixed grant is intended to contribute in part to travel and accommodation expenses during the training period. ESOR cannot guarantee that the grant will cover these costs in full.

Education in partnership with
VISITING SCHOLARSHIP PROGRAMME EUROPE

During the period of the training the scholars are responsible for covering their expenses and their own health insurance.

The training itself is offered for free.

Please note that the training should be completed by the end of January 2018 at the very latest. A postponement exceeding this deadline will not be granted.

PROGRAMME STRUCTURE

The programme offers a structured modular training at a highly esteemed training centre. The trainees will have the opportunity to follow and participate in the core knowledge training programme through tutorials and lectures, followed by hands-on teaching on routine clinical cases and/or modality techniques and protocols, led by an assigned tutor.

In non-native English speaking training centres teaching will be in English, while major radiological conferences and reporting may be in the local language. Therefore, some knowledge of the local language may be an advantage.

The trainees will be able to observe clinical activities, but will not have direct patient care responsibilities. It is the trainees’ responsibility to communicate with the centre regarding the details of the training and whether more responsibilities than observer status can be obtained. ESOR solely acts as facilitator and coordinator between the training centre and the trainees.

CERTIFICATION

After completion of the training programme, the residents receive a certificate from ESR/ESOR. In order to receive this, the trainees must present a written report about their work and activities during the programme.

APPLICATION

To apply for the programme, applicants must:

• Log in with their ESR membership ID number in the ESR MyUserArea at myESR.org/esor
• Choose one field of interest
• Select one preferred training centre and indicate a second and third choice
• Submit the following documents (as PDF files):
  - Current curriculum vitae (CV)
  - Letter of motivation explaining personal interest in the chosen topic
  - Letter of resident status, signed by the head of department
  - Letters of recommendation from the head of department of the current training centre or a previously undertaken academic training

To ensure equal opportunities candidates should apply only to institutions outside of their country of residence/work.

APPLICATION DEADLINE

March 12th, 2017

Applications received after this date cannot be considered by the committee. All applicants will be informed about the outcome of their application in due time. If an application is not successful, candidates have to apply again for future scholarship programmes. There is no waiting list.

FURTHER INFORMATION

Please visit myESR.org/esor for up-to-date information and list of training centres.
AIM
The ESOR Visiting Scholarship Programme (USA) offers qualified trainees the opportunity to get to know another training environment in the USA and to kick off an interest for subspecialisation in radiology. During three months of training the scholars will be provided with a structured, modular introduction to different subspecialties and will be supervised by a specialised tutor in a pre-selected, highly esteemed academic training centre in the USA.

TOPICS AND TRAINING CENTRES
• Oncologic Imaging at MSKCC in New York
• Abdominal Imaging, Breast Imaging, Musculoskeletal Radiology and Nuclear Medicine at Case Western Reserve University in Cleveland

NUMBER OF AVAILABLE SCHOLARSHIPS
During 2017, four scholarships are available, two at MSKCC (spring and autumn) and two at Case Western Reserve University (spring and autumn). These scholarships are kindly supported by the Memorial Sloan-Kettering Cancer Centre (MSKCC) and the Case Western Reserve University.

ELIGIBILITY
1. These scholarships apply to residents in their 3rd, 4th or 5th year of training in radiology who desire to get the benefit of a mentored modular training of a specific subspecialised topic in radiology.
2. Completion of the training curriculum from at least the first two years of residency is required, verified by the head of department. Competence in producing a radiological report and communicating with clinicians and patients is appreciated, as well as knowledge of the principles of administration and management applied to a clinical department with multi-disciplinary staff and high-cost equipment.
3. Previous exposure in the chosen field of interest, including basic knowledge of imaging methods, indications for imaging and clinical expectations, is advantageous.
4. Applicants must be proficient in English.
5. ESR membership fees for 2017 must be settled. Please note that you can only apply for one scholarship programme and one of the available topics at once. Applicants who were selected for this programme or the Visiting Scholarship Programme Europe in the past cannot be considered again.

DURATION AND FUNDING
The scholarships will start in the first and second half of the year and will last for three months, except the spring scholarship at MSKCC, which is a six-month programme. Successful applicants will receive a grant from the respective training centre in order to contribute to travel, accommodation and subsistence costs.

The training itself is offered for free by the training centre.

Education in partnership with
VISITING SCHOLARSHIP PROGRAMME USA

PROGRAMME STRUCTURE AT MSKCC
The programme offers a structured modular training in oncologic imaging with a strong research focus. The scholars will participate in a subspecialty research project under the direct supervision of a faculty mentor. The scholars will also have the opportunity to observe case readout sessions with trainee and faculty radiologists, and to attend a variety of didactic lectures and disease management conferences, all with a focus in oncologic imaging. Health insurance will be provided.

PROGRAMME STRUCTURE AT CASE WESTERN RESERVE UNIVERSITY
The scholars are expected to enter a structured modular training programme, utilising imaging advances offered in PET/MRI, PET/CT, MRI and next generation CT. Opportunities to apply these advanced imaging techniques would be available in all organ systems. The trainees will have the opportunity to follow and participate in the core knowledge training programme through tutorials and lectures, followed by hands-on teaching on routine clinical cases and/or modality techniques and protocols, led by an assigned tutor. They will be able to observe clinical activities and participate in research projects, but will not have direct patient care responsibilities. The trainees would be asked to attend all radiology and multi-disciplinary conferences offered in the department during the training period. The scholars are responsible for their own health insurance.

CERTIFICATION
After completion of the training programme, the residents receive a certificate from ESR/ESOR. In order to receive this, they must present a written report about their work and activities during the programme.

APPLICATION
To apply for the programme, applicants must:
- Log in with their ESR membership ID number in the ESR MyUserArea at myESR.org/esor
- Select the preferred training centre
- Choose one field of interest
- Submit the following documents (as PDF files):
  - Current curriculum vitae (CV)
  - Letter of motivation explaining personal interest in the chosen topic
  - Letter of resident status, signed by the head of department
  - Letters of recommendation from the head of department of the current training centre or a previously undertaken academic training

APPLICATION DEADLINE
April 9th (autumn 2017) and September 30th (spring 2018)
Applications received after this date cannot be considered by the committee. All applicants will be informed about the outcome of their application in due time. If an application is not successful, candidates have to apply again for future scholarship programmes. There is no waiting list.

FURTHER INFORMATION
Please visit myESR.org/esor for up-to-date information.
VISITING SCHOLARSHIP PROGRAMME FOR CHINESE RADIOLOGISTS – JO LI

AIM
The ESOR Jo Li Visiting Scholarship Programme offers qualified radiologists from China the opportunity to be provided with exposure to advanced techniques, imaging protocols and practices. During the three-month scholarship, the scholar will receive structured modular experience in his/her chosen specialist area and will be supervised by expert tutors at Queen Elizabeth Hospital in Birmingham, United Kingdom.

TOPICS FOR 2017
- Chest/Cardiovascular Imaging
- Gastrointestinal Radiology
- Hepatobiliary Imaging
- Musculoskeletal Imaging
- Neuroradiology
- Oncologic Imaging
- Urogenital Radiology

NUMBER OF AVAILABLE SCHOLARSHIPS
During 2017 one scholarship is available, kindly raised by the Jo Li Charitable Trust.

ELIGIBILITY
1. Applications are accepted from fully qualified and practising Chinese radiologists at any stage of their career.
2. Competence in producing a radiological report and communication skills with clinicians and patients are essential. Knowledge of the principles of administration and management applied to a clinical department with multi-disciplinary staff and high-cost equipment are appreciated.
3. Previous exposure in any field of special interest would be advantageous.
4. Applicants must be proficient in English.
5. Candidates may be interviewed prior to selection.
6. ESR membership fees for the respective year must be settled.

Please note that you can only apply for one scholarship programme and one of the available topics at once. Applicants who were successful in the past cannot be considered for a second time.

DURATION AND FUNDING
The scholarship will start in the second half of the year and will last for three months (September - December). The successful applicant is supported by a grant from the Jo Li Trust. The training is offered for free. The scholar is responsible for his/her own health and personal insurance.

Please note that a postponement of the training period is not possible.
VISITING SCHOLARSHIP PROGRAMME FOR CHINESE RADIOLOGISTS – JO LI

PROGRAMME STRUCTURE
The programme offers structured modular experience at Queen Elizabeth Hospital in the branch of cross-sectional imaging in which the scholar is specialising. This will include joining Birmingham experts in supervision and reporting, participating in Multi-Disciplinary Team (MDT) meetings with clinicians and pathologists, attending Quality Assurance, Audit and Clinical Governance Meetings with radiologists and radiographers. The scholar will be encouraged to contribute to ongoing local research and attend Hospital “Grand Rounds”.

CERTIFICATION
After completion of the training programme, the resident receives a certificate from ESR/ESOR. In order to receive this, the trainee must present a written report about his/her work and activities during the programme.

APPLICATION
To apply for the programme, applicants must:
- Log in with their ESR membership ID number in the ESR MyUserArea at myESR.org/esor
- Choose one field of interest
- Submit the following documents (as PDF files):
  - Current curriculum vitae (CV)
  - Letter of motivation including a summary of their training background, areas of particular strength and interest and a brief description of how they would hope to implement and apply their medical training
  - Letters of recommendation from the head of department of the current training centre or a previously undertaken academic training

APPLICATION DEADLINE
April 9th, 2017
Applications received after this date cannot be considered by the committee. All applicants will be informed about the outcome of their application in due time. If an application is not successful, candidates have to apply again for future scholarship programmes. There is no waiting list.

FURTHER INFORMATION
Please visit myESR.org/esor for up-to-date information.
Education in partnership
LEVEL III

EXCHANGE PROGRAMMES FOR FELLOWSHIPS EUROPE
(3 months)

- ABDOMINAL RADIOLOGY FELLOWSHIP
- BREAST RADIOLOGY FELLOWSHIP
- CARDIAC RADIOLOGY FELLOWSHIP
- HEAD AND NECK RADIOLOGY FELLOWSHIP
- MUSCULOSKELETAL RADIOLOGY FELLOWSHIP
- NEURORADIOLOGY FELLOWSHIP
- PAEDIATRIC RADIOLOGY FELLOWSHIP
- THORACIC RADIOLOGY FELLOWSHIP

LEVEL III

EXCHANGE PROGRAMME FOR FELLOWSHIPS USA
(6 months)

- BREAST IMAGING FELLOWSHIP
EXCHANGE PROGRAMMES FOR FELLOWSHIPS EUROPE

AIM

The development of subspecialty fellowships in radiology through proper and structured training is one of the major aims of ESR and ESOR. ESOR, in partnership with the European subspecialty societies, organises Exchange Programmes for Fellowships, which are aimed at rounding off educational requirements for subspecialty fellowships. The programmes are structured and mentored, and they are offered throughout a number of major European volunteer reference centres.

NUMBER OF AVAILABLE EXCHANGE PROGRAMMES

During 2017, 28 places are available and will be realised in partnership with the subspecialty societies. The successful applicants will receive a grant jointly provided by ESR/ESOR and the respective subspecialty society.

ELIGIBILITY

1. The exchange programme applies to board-certified radiologists within their first three years after certification, who desire to become subspecialist radiologists.
2. Applicants must be proficient in English.
3. ESR membership fees as well as the fees for the respective subspecialty society for 2017 must be settled.

Please note that you can only apply for one fellowship programme and one of the available topics at once. Applicants who were selected for this or any other fellowship programme in the past cannot be considered for a second time.

DURATION AND FUNDING

The training will start in the second half of the year and last for three months. The fellows will receive a grant upon completion of the training, delivery of a final report and submission of original flight tickets and accommodation receipts.

The fixed grant is intended to contribute in part to travel and accommodation expenses during the training period. ESOR cannot guarantee that the grant will cover these costs in full. During the period of the training the fellows are responsible for covering their expenses and their own health insurance. The training itself is offered for free.

Please note that the training should be completed by the end of January 2018 at the very latest. A postponement exceeding this deadline will not be granted.

PROGRAMME STRUCTURE

Based on weekly training programme modules, the trainees will familiarise themselves with the institution’s imaging equipment. They will then learn to become fluent at imaging examinations used in their chosen field of interest, to review and interpret images followed by case-by-case hands-on teaching on routine clinical cases with different modalities taught by experienced staff.
At the end of the training programme, the trainees should be proficient in discussing the appropriate imaging modality and imaging technique with referring clinicians and be able to interpret different radiologic examinations on their own.

In non-native English speaking training centres teaching will be in English, while major radiological conferences and reporting may be in the local language. Therefore, some knowledge of the local language may be an advantage.

The trainees will be able to observe clinical activities, but will not have direct patient care responsibilities. It is the trainees’ responsibility to communicate with the centre regarding the details of the training and whether more responsibilities than observer status can be obtained. ESOR solely acts as facilitator and coordinator between the training centre and the trainees.

**CERTIFICATION**

After successful completion of the three-month training the trainees receive a certificate from ESR/ESOR and the respective subspecialty society. In order to receive this, the trainees must present a written report about their work and activities during the programme.

**APPLICATION**

To apply for the programme, applicants must:

- Log in with their ESR membership ID number in the ESR MyUserArea at myESR.org/esor
- Choose the subspecialty
- Select one preferred training centre and indicate a second and third choice

- Submit the following documents (as PDF files):
  - Current curriculum vitae (CV)
  - Letter of motivation including a summary of their training background, areas of particular strength and interest and a brief description of how they would hope to implement and apply their medical training
  - A certificate verifying board certification in radiology (no longer than three years ago)
  - Letters of recommendation from the head of department of the current training centre or a previously undertaken academic training

To ensure equal opportunities candidates should apply only to institutions outside of their country of residence/work.

**APPLICATION DEADLINE**

March 12th, 2017

Applications received after this date cannot be considered. All applicants will be informed about the outcome of their application in due time. If an application is not successful, candidates have to apply again for future exchange programmes. There is no waiting list.

**FURTHER INFORMATION**

Please visit myESR.org/esor for up-to-date information and lists of training centres.
EXCHANGE PROGRAMME FOR BREAST IMAGING FELLOWSHIPS (USA)

AIM
The need to mobilise resources available for subspecialisation outside Europe and to benefit from worldwide renowned academic institutions led the European School of Radiology (ESOR) and the Memorial Sloan-Kettering Cancer Center (MSKCC) to take the initiative in jointly offering a breast imaging fellowship in the USA.

The overall aim of this programme is to promote clinical research and advance clinical care in order to improve breast cancer patient outcomes worldwide.

The exchange programme is organised through ESOR and will expose trainees to all aspects of breast imaging under the supervision of assigned mentors at the Memorial Sloan-Kettering Cancer Center in New York, USA.

NUMBER OF AVAILABLE EXCHANGE PROGRAMMES
During 2018 two places will be available. One will be exclusively for applicants from Latin America (Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela), whereas the other one will be for European radiologists only.

ELIGIBILITY
1. This programme applies to board-certified radiologists with three to six years of professional experience in radiology, having at least a one year involvement in breast imaging.
2. In addition, clinical and academic interest in breast imaging is required, substantiated by 30% effort in working in breast imaging at the time of application.
3. Competence in producing a radiological report, in summarising the relevant radiologic findings, in communicating with clinicians and patients, as well as the interest in working in a clinical department with multidisciplinary staff and high-cost equipment are essential. Understanding the immediate therapeutic consequences and the medico-legal implications of uncertainty and errors in the breast area are necessary. In addition, a good clinical background in other disciplines, which has been achieved through clinical experience prior to entering the fellowship is desirable.
4. Applicants must be proficient in English.
5. ESR membership fees (for Europeans) for the respective year must be settled. Applicants from Latin America must be corresponding members of ESR.

Please note that you can only apply for one fellowship programme and one of the available topics at once. Applicants who were selected for this fellowship programme in the past cannot be considered for a second time.
EXCHANGE PROGRAMME FOR BREAST IMAGING FELLOWSHIPS (USA)

DURATION AND FUNDING
The training will start in the first half of the year and last for six months. The successful fellows will receive a grant by MSKCC, funded by the Breast Cancer Research Foundation. Health insurance will be provided. The training itself is offered for free.

PROGRAMME STRUCTURE
The programme offers an intensive, individualised instruction in breast imaging interpretation and clinical research methodology. It includes training in breast imaging for screening, diagnosis and intervention, incorporating daily image interpretation of mammography, ultrasound and MRI studies; biopsy onset action and follow-up; and quality control in a busy, state-of-the-art breast center. During the training period, the trainees will be assigned a research mentor and a clinical mentor, and will receive intensive one-on-one instruction in the use of the Breast Imaging Reporting and Data System (BI-RADS) lexicon. In addition, they will work on a clinical research project. The fellows will additionally receive help to prepare an original research manuscript for publication and are mentored in grantsmanship to support continued research upon their return home.

CERTIFICATION
After successful completion of the six-month training the trainees receive a certificate from ESR/ESOR. In order to receive this, the fellows must present a written report about their work and activities during the programme.

APPLICATION
To apply for the programme, applicants must:
- Log in with their ESR membership ID number in the ESR MyUserArea at myESR.org/esor
- Submit the following documents (as PDF files):
  - Current curriculum vitae (CV)
  - Letter of motivation including a summary of the training background, areas of particular strength and interest and a one-page description of clinical and academic interest in breast imaging and how they would hope to implement and apply their medical training
  - Two recommendation letters, at least one from the head of department of the current centre stating also that the applicant would continue to work as a breast imaging specialist in the same institution
  - A certificate verifying recent board certification in radiology (between 3 and 6 years)

APPLICATION DEADLINE
September 30th, 2017
Applications received after this date cannot be considered. All applicants will be informed about the outcome of their application in due time. If an application is not accepted, candidates have to apply again for future exchange programmes. There is no waiting list.

FURTHER INFORMATION
Please visit myESR.org/esor for up-to-date information.
Education in partnership
ONE-YEAR FELLOWSHIPS

ABDOMINAL IMAGING
Hôpital Beaujon, Clichy/France

CHEST RADIOLOGY
Heidelberg University Hospital, Heidelberg/Germany

IMAGING BIOMARKERS IN CANCER
Champalimaud Foundation, Lisbon/Portugal

IMAGING OF CANCER
The Netherlands Cancer Institute, Amsterdam/The Netherlands

INTERVENTIONAL NEURORADIOLOGY
Hospital Clinic of Barcelona/Spain

INTERVENTIONAL RADIOLOGY
Radboud University Medical Center, Nijmegen/The Netherlands

PÆDIATRIC RADIOLOGY
Hôpital Bicêtre, Le Kremlin Bicêtre/France
AIM

The ESOR One-year Fellowships offer qualified radiologists a unique opportunity to enter competitive, thematic, structured and certified proper fellowships at major renowned European reference centres, which are funding the programmes. During 12 months of training the fellows will be incorporated in the specific departments to work on a dedicated, detailed programme supervised by specialised academic tutors.

TOPICS AND TRAINING CENTRES 2017/2018

• Abdominal Imaging
  Hôpital Beaujon, Clichy/France

• Chest Radiology
  Heidelberg University Hospital
  Heidelberg/Germany

• Imaging Biomarkers in Cancer
  Champalimaud Foundation
  Lisbon/Portugal

• Imaging of Cancer
  The Netherlands Cancer Institute
  Amsterdam/The Netherlands

• Interventional Neuroradiology
  Hospital Clinic of Barcelona/Spain

• Interventional Radiology
  Radboud University Medical Center
  Nijmegen/The Netherlands

• Paediatric Radiology
  Hôpital Bicêtre
  Le Kremlin Bicêtre/France

Please note that the application for 2017/2018 is already closed. Further details on the 2018/2019 programmes will be announced on our website in November 2017.

ELIGIBILITY

1. The programme applies to board-certified radiologists within their first three years after certification.

2. The candidates should wish to become fellows or subspecialise in the respective area.

3. Applicants should have an interest and basic skills in medical database handling and scientific presentations and publications.

4. ESR membership fees for the respective year must be settled.

For each programme’s detailed eligibility criteria please visit myESR.org/esor.

Please note that you can only apply for one fellowship programme and one of the available topics at once. Applicants who were selected for this or any other fellowship programme in the past cannot be considered for a second time.

DURATION AND FUNDING

Depending on the training centre, the training will start in summer or autumn and will last for 12 months. The fellows have to ensure their availability for the exact period stated as any postponement is not possible. The fellows will receive a grant which will be paid out directly by the training centre or via ESOR on a monthly basis.
PROGRAMME STRUCTURE
Please visit myESR.org/esor for the detailed structure of each programme.

CERTIFICATION
After successful completion of the training the trainees receive a certificate from ESR/ESOR and the respective training centre. In order to receive this, the fellows must present a written report about their work and activities during the programme.

APPLICATION
To apply for the programme, applicants must send an e-mail to the ESOR Office (esor@myesr.org) and provide the following documents (as PDF files):
- Current curriculum vitae (CV)
- Letter of motivation including previous experience in the field
- Letter(s) of recommendation (by the head of department of the current hospital/University)
- Certificate of recent board certification from the relevant authority
- Language certificate(s)
- List of five most important/relevant publications in international peer reviewed journals
- List of references to be contacted if necessary
- ESR membership proof

Please note that only complete applications can be considered. To ensure equal opportunities candidates should apply only to institutions outside of their country of residence/work. Upon selection, the candidates will be asked to provide further documents to the training centres for administrative purposes.

For detailed application requirements for each topic please visit myESR.org/esor.

APPLICATION DEADLINE
The respective application deadline will be announced on the website. Applications received after the published date cannot be considered. All applicants will be informed about the outcome of their application in due time. If an application is not successful, candidates have to apply again for future fellowship programmes. There is no waiting list.

FURTHER INFORMATION
Please visit myESR.org/esor for up-to-date information.
ESOR stands for education in partnership. We thank our partner societies, national societies, institutions and ESR subspecialty societies for their support and collaboration:
We thank our industry partners for supporting the activities of ESOR:

- AIMS Korea
- AIMS Mexico
- GALEN Foundation and Advanced Courses
- Visiting Scholarship Programme Europe
- ASKLEPIOS Multimodality Course
- ASKLEPIOS Course on Challenges in Head and Neck Imaging
- ASKLEPIOS Course on Emergency Radiology
- ASKLEPIOS Course on Women’s Imaging
- ASKLEPIOS Course on Advanced Abdominal Imaging
- Visiting Professorship Programme Uzbekistan
- ASKLEPIOS Course on Advanced Oncologic Imaging
- Astana Tutorial

Thank you!