ESO Education

2016

www.eso.net
Departments

**e-ESO**
e-eso@eso.net

**Masterclass Clinical/Medical Oncology**
masterclass@eso.net

**Cancer World**
magazine@eso.net

**Sharing Progress in Cancer Care**
spcc@eso.net

**World Oncology Forum**
wof@eso.net

Programmes

**Arab Countries**
arabcountries@eso.net

**Breast Cancer**
breast@eso.net

**Eastern Europe and Balkan Region**
balkans@eso.net

**Eurasia**
eurasia@eso.net

**Latin America**
latinamerica@eso.net

**Lung Cancer**
lung@eso.net

**Lymphoma**
lymphoma@eso.net

**Prostate Cancer**
prostate@eso.net

**Rare Tumours**
raretumours@eso.net
Sharing oncological knowledge among health professionals, caregivers and patients, where educational needs are mostly unmet, without commercial influence and taking advantage of the new technologies.

In a nutshell, this is what the European School of Oncology does. 2016 will be characterized by a number of new activities and by the consolidation of ESO flagships:

- Comprehensive e-learning programme on the latest topics in oncology, including supportive care, pediatric oncology and clinical oncology.
- Remote connection of key opinion leaders in residential courses with high output interactive e-platform.
- Study grants for young oncologists to spend 3 to 6 months in clinical departments within the network of Clinical Training Centres; Centres that have been chosen for their recognized excellence in clinical oncology, education and research within Europe.
- Residential Masterclasses in Clinical Oncology, Oncology Nursing, Pediatric Oncology, Radiation Oncology, Breast Cancer Surgery, Gynecologic Oncology, Neuro Oncology in Europe, in Eurasia, in the Balkan Peninsula and Latin America.
- Advanced courses in ethical counseling, PET in lymphoma, head and neck surgery.
- Residential student courses, in medical oncology in partnership with ESMO and Valencia University, and in multidisciplinary oncology in partnership with ESSO, ESTRO and Poznan University.
- Continuing collaboration with EANO, ESGO-ENYGO, ESMO, ESNM, ESSO, ESTRO, ESOP, EONS, EAU, ECCO, SIOP-E, OECI and UICC within the common objective of expanding knowledge and multidisciplinarity.

Looking forward to meeting you at one of the ESO events, in person or online,
2016 EDUCATIONAL PROGRAMME

E-ESO ONLINE EDUCATIONAL RESOURCES

e-Sessions (live and recorded on the internet)
ePatCare (clinical cases)

MASTERCLASSES

12-17 March 2016
15th ESO-ESMO Masterclass in Clinical Oncology
Ermatingen, Switzerland

12-17 March 2016
9th ESO-EONS Masterclass in Oncology Nursing
Ermatingen, Switzerland

9-12 April 2016
2nd ESO-ESSO Masterclass in Breast Cancer Surgery
Lisbon, Portugal

10-14 June 2016
2nd Masterclass on Systematic Reviews in Cancer Care, Guidelines and Research
Belfast, United Kingdom

11-16 June 2016
6th ESO-SIOP Europe Masterclass in Paediatric Oncology
Berlin, Germany

17-18 June 2016
ESGO-ENYGO-ESO Masterclass in Gynaecological Oncology
Lund, Sweden

24-26 June 2016
2nd Masterclass on Cancer Patient Advocacy
Milan, Italy

15-17 September 2016
ESO-EANO Masterclass in Neuro-Oncology: Challenges in Radiotherapy for Patients with Brain Glioma
Lugano, Switzerland

19-23 November 2016
4th ESO-ESTRO Masterclass in Radiation Oncology
Prague, Czech Republic

ADVANCED COURSES, SEMINARS AND SYMPOSIA

6-9 April 2016
Update Skills in Head and Neck Surgery and Oncology
Leipzig, Germany

15-16 April 2016
ESNM-ESO Course on 18FDG PET/CT in Lymphoma
Vienna, Austria

22-23 April 2016
8th Clinical Oncology Update - Onkologia 2016
Kraków, Poland

14-19 July 2016
ESMO-ESO Course on Medical Oncology for Medical Students
 Valencia, Spain

29 August - 9 September 2016
ESO-ESSO-ESTRO Multidisciplinary Course in Oncology for Medical Students
Poznan, Poland

23-24 November 2016
ESO-TUM/IAS Master in Ethical Counselling in Oncology and Gender Issues
Munich, Germany

25-27 November 2016
Clinical Update on Rare Adult Solid Cancers
Milan, Italy
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<th>INSIDE TRACK CONFERENCES</th>
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<tr>
<td>12-13 February 2016</td>
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<tr>
<td>3rd Conference on Active Surveillance for Low Risk Prostate Cancer</td>
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<tr>
<td>Milan, Italy</td>
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<td>19-20 May 2016</td>
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<tr>
<td>ESO, CNIO and NRCO Conference on Familial Cancer</td>
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<td>Madrid, Spain</td>
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<td>10-12 November 2016</td>
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<td>3rd ESO-ESMO Breast Cancer in Young Women International Conference (BCY3)</td>
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<td>Lugano, Switzerland</td>
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<td>25-26 November 2016</td>
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<td>Molecular Diagnostics, Genomics and Epigenetics in Clinical Oncology</td>
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<td>Rome, Italy</td>
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<th>ARAB COUNTRIES</th>
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<tr>
<td>28-30 October 2016</td>
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<tr>
<td>Arab Countries Masterclass in Clinical Oncology</td>
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<td>Location to be announced</td>
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<th>EASTERN EUROPE AND BALKAN REGION PROGRAMME</th>
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<tr>
<td>20-25 May 2016</td>
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<tr>
<td>3rd ESO-ESMO Eastern Europe and Balkan Region Masterclass in Medical Oncology</td>
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<tr>
<td>Bratislava, Slovak Republic</td>
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<td>15-16 September 2016</td>
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<tr>
<td>Eastern Europe and Balkan Region Refresher Course on Gastro-intestinal Cancer</td>
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<td>Budapest, Hungary</td>
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<tr>
<td>21-23 April 2016</td>
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<tr>
<td>Eurasia Masterclass in Clinical Oncology</td>
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<td>Moscow, Russian Federation</td>
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<td>15-16 November 2016</td>
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<td>Gynecological and Urogenital Tumours</td>
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<td>Tbilisi, Georgia</td>
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<th>LATIN-AMERICAN PROGRAMME</th>
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<tr>
<td>27 April -1 May 2016</td>
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<tr>
<td>2nd ESO-ESMO Latin American Masterclass in Clinical Oncology</td>
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<td>Bogota, Colombia</td>
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<th>CAREER DEVELOPMENT</th>
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<tr>
<td>Certificate of Competence in Lymphoma (Third cohort 2017-2018)</td>
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<td>Certificate of Competence in Breast Cancer (Second cohort 2017-2018)</td>
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<td>Clinical Training Centres Fellowship Programme</td>
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<td>Master Online Advanced Oncology</td>
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<td>Online Master in Molecular Oncology</td>
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<th>PUBLICATIONS</th>
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<tr>
<td>Cancer World Magazine</td>
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<tr>
<td>Critical Reviews in Oncology/Hematology (CROH)</td>
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<td>The Breast</td>
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<td>Nature Reviews Clinical Oncology (NRCO)</td>
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<th>BREAST CENTRES NETWORK</th>
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| PROSTATE CANCER UNITS NETWORK |
DISTANCE LEARNING

e-sessions
The European School of Oncology in co-operation with Nature Reviews in Clinical Oncology and Critical Reviews in Oncology/Hematology holds a series of free distance learning programmes on the internet, called “e-sessions”.

E-sessions are weekly free educational sessions held on Thursdays, from 18.15 to 19.00 CET without commercial sponsorship and are CME accredited.

E-sessions can be categorized by type: highlight sessions (from major international oncology events), pathway sessions (series of sessions on a specific topic), debate sessions (controversial topics), grandround sessions (hot topics), oncoreview sessions (balanced and comprehensive overviews), clinical case sessions (discussions of cases among experts) and sponsored sessions (selected and highlighted sessions held in collaboration with SPCC sponsors).

The live e-ESO sessions allow the highest level of interaction between the participant, the expert and the discussant, whilst further participants can join the recorded sessions which remain available on the e-ESO website for further viewing and CME accreditation.

Participants can ask questions to our experts BEFORE, DURING and AFTER the live sessions!

www.e-eso.net.

ePatCare

E-PatCare is an innovative and interactive tool for viewing, creating, sharing, presenting and teaching clinical patient cases within the oncology community. It facilitates communication between clinicians, providing further training and ultimately improving patient care.

Each patient case enables the user to take a virtual journey through the patient’s history from their presentation to investigation, diagnosis, management and outcomes, with access to medical background and test results located in one frame. The clinical cases are real-life cases that have been seen and managed by oncology specialists. The e-PatCare virtual environment enables the user to make decisions based on the history, examination and investigations and compare them with those of the experts. Intuitively, participants can navigate from one department of the virtual hospital to another - just as in real life - and follow the patient’s course. Finally, the outcome, according to the treatment and management that was undertaken, can be viewed.

Visit the ESO ePatCare store to view ESO patient cases’ library:
http://www.e-eso.net/epatcare.do

E-PatCare is developed by infill Kommunikation and the platform was provided by Boehringer Ingelheim.

e-ESO online resources are available free of charge and accessible also via mobile devices.

For further information:
Francesca Marangoni
www.e-ESO.net - fmarangoni@eso.net

#e_ESO
e-ESO sessions
Your Education
live, free and just a click away!

Connect LIVE
on Thursday at 18:15 CET

Get
CME credits

Access
at any time, to any past recorded session available on the site

Learn
with our experts and discussants

Interact
ask questions to our experts BEFORE, DURING and AFTER the live sessions

Play
mastermind participant quiz

Your regular appointments with education organised without commercial sponsorship by the European School of Oncology in collaboration with:

www.e-eso.net

JOIN LIVE AND INTERACT
9:15 San Francisco
12:15 Boston, New York
17:15 London, Dublin, Lisbon
18:15 Brussels, Paris, Madrid, Milan, Johannesburg
19:15 Athens, Tel Aviv, Cairo
20:15 Moscow
21:45 Mumbai

Keep up-to-date via #e_ESO
Active surveillance is increasingly becoming an accepted initial strategy for the treatment of low risk prostate cancer. Unless the over-diagnosis of prostate cancers is reduced by alternative diagnostic strategies, active surveillance will continue to play an important role. The challenge is to determine how and if new imaging technologies and genomic biomarkers can improve patient selection and monitoring. In addition, there is the challenge on how to incorporate the choice of available drugs into active surveillance programmes. The third Conference is organized in collaboration with EAU and endorsed by Europa Uomo. It aims at being an interactive educational activity in which attendees will enjoy presentations by internationally renowned researchers on active surveillance, who have helped develop and evaluate technologies that may change the selection and monitoring of low risk prostate cancer patients.

Learning objectives:
• Update on the state-of-the-art of active surveillance for low risk prostate cancer patient
• Understand the future research trends within the oncologic community

Main topics:
• Who to select for active surveillance and what can be the role of MRI and genetic markers
• Optimization of follow up protocols reducing unnecessary biopsies and when to switch to watchful waiting
• Quality of life and patient perspectives

Participant’s profile:
• Urologists
• Radiation oncologists
• Medical oncologists
• Medical physicists
• Pathologists
• Biostatisticians
• Investigators in outcomes research and genomics

Further information:
Rita De Martini, prostate@eso.net, ph +39 02 85464527
Elena Fiore, efiore@eso.net, ph +39 02 85464529

THE REGISTRATION DEADLINE HAS PASSED

THE FOURTH CONFERENCE WILL BE HELD IN 2018

Held in collaboration with
Endorsed by
The Masterclass offers plenary lectures regarding state-of-the-art clinical evaluation and treatments with reference to clinical guidelines and which will conclude in take-home messages. Participants will deliver case presentations within tumour boards and small groups and discuss them with the chairmen and the faculty. Informal discussion will be facilitated during the aperitifs with the expert.

All participants will reside at the course venue and participation is compulsory throughout the course. Participants of the concomitant Masterclass in Nursing Oncology will attend selected medical sessions whilst the communication skills sessions will be attended jointly.

**Learning objectives:**
- Improve medical oncologists’ skills
- Help in preparing for the national board exam
- Practising case discussion
- Deep focus on breast, gastro-intestinal, genitourinary, gynaecological, head and neck and lung cancers
- Compact update on communication skills, physical activity, biology of cancer, bone health, immunotherapy, melanoma, advanced oncology nursing practice, cancer in the 3rd world, health economics, cancer of unknown primary, new oncological emergencies, brain tumours, treatment of elderly cancer patients, genetic counselling, haematological diseases (focus on lymphomas and myeloma), sarcomas and GIST, supportive care (mucositis and skin toxicity), cancer and pregnancy

**Main topics:**
- Breast cancer
- Gastro-intestinal tumours
- Genito-urinary cancers
- Gynaecological cancers
- Head and neck cancer
- Lung cancer and mesothelioma

**Participant’s profile:**
- Age between 30 and 40 years
- At least 2-3 years’ experience in medical oncology or clinical oncology
- Involvement in scientific activities
- Fluency in English

**Further information:**
Francesca Marangoni, fmarangoni@eso.net, ph +39 02 85464525
Corinne Hall, chall@eso.net, ph +39 02 85464522

**BY APPLICATION ONLY**
THE APPLICATION DEADLINE HAS PASSED

Held in collaboration with
Part of the Master Online Advanced Oncology of

European Society for Medical Oncology

Photo: Turm by Stephan Balkenhol - A Sculpture for Wolfsberg
Photographer: Ralph Feiner, Architekturfotografie, Malans
The Masterclass in Oncology Nursing programme is designed for European advanced oncology nurses as a multi-professional joint event. Five intensive days of full immersion in up-to-date oncology will create a collective spirit of teaching and learning to improving clinical skills and patient care. Nursing sessions are specific nursing-oriented sessions exploring specialist practice skills such as assessment and decision making, communication skills, complex symptom management, research in nursing, psychosocial consequences of cancer therapy to mention a few. Other sessions will provide the forum for reviewing and understanding the growing evidence base for nursing interventions and reflect on participant’s role in clinical leadership. Case studies will be presented by the participants and will explore nursing practice focusing on special aspects of care. In joint clinical sessions, nurses will, together with physicians, update their clinical knowledge about the latest issues for the management of various cancers, with an international faculty of experts. Special joint sessions will highlight and support the growing need for multiprofessionality in chosen topics. Practical training will be offered in smaller group sessions, case study sessions focusing on skills necessary for patient care management.

Learning objectives:

- Understand new developments in oncology disease management
- Recognise and describe acute and late adverse effects of cancer and its treatment
- Identify complex patient needs across the cancer trajectory.
- Demonstrate understanding of advanced communication skills in oncology nursing care
- Critically appraise the evidence for cancer symptom management and care interventions
- Reflect on theoretical underpinnings of decision making.
- Describe the role of the advanced oncology nurse in leading clinical nursing care

Participant’s profile:

- Nurse working at an advanced practice level and with at least 3-5 years of clinical oncology nursing practice (Master of Nursing Science degree is not mandatory)
- Nurse involved in direct patient care, also combined with the management, organisation and co-ordination of cancer patient care
- Fluency in English (reading and speaking)
- Member of an EONS member society or EONS individual member

BY APPLICATION ONLY
THE APPLICATION DEADLINE HAS PASSED

Main topics:

- Medical management, treatment options
- Effective symptom management and care interventions
- Understanding evidence based knowledge
- Newer areas of oncology nursing
- Improving patient experience and outcomes

Further information:

European Oncology Nursing Society, EONS Secretariat
Brussels, Belgium
Rudi Brike, eons.secretariat@cancernurse.eu, ph +32 2 779 9923
The four-day course of systematic presentation of head and neck oncology focuses on current concepts in surgery, radiation oncology and medical oncology. The programme includes lectures, workshops, active cadaver preparations and life surgery. The course delivers current knowledge about standard procedures and controversies in head and neck oncology like adjuvant treatment, induction chemotherapy, organ preservation and de-escalation concepts in HPV positive oropharyngeal cancer. Furthermore, functional aspects and surgical/phoniatric rehabilitation will be addressed. Participants are integrated in active interdisciplinary discussions. Teaching in cadaver resections includes systematic in neck dissection, laryngeal partial resection techniques and surgery and approaches to different sites of head and neck. The course will therefore deliver concepts and raise awareness of evidence-based modern head and neck oncology.

Learning objectives and main topics:
- Head and neck surgery
- Neck dissection
- Reconstructive surgery
- TLM, TORS
- Multimodality treatment
- Chemotherapy
- Adjuvant post-operative treatment
- Organ preservation

Participant’s profile:
- ENT, head and neck surgeons
- Clinical and medical oncologists
- Radiologists
- Phoniatricians
- Pathologists
- Radiation oncologists

Further information:
Universitäts-HNO-Klinik
Leipzig, Germany
Romy Wyrwas, romy.wyrwas@uniklinik-leipzig.de, ph +49 3419721700

Deadline
On-site registration: from 1 February 2016
The ESO-ESSO Masterclass will present the cutting edge of current concepts in surgical treatment of breast cancer. The programme will focus on evidenced-based clinical practice and technical aspects of breast cancer surgery, within a multidisciplinary setting.

State-of-the-art lectures, workshops, case presentations and discussions will facilitate the interaction between participants and the faculty.

Learning objectives:
- Improve knowledge and skills in the management, treatment and care in the field
- Update in the multidisciplinary approach
- Learn to treat breast cancer as a whole challenge
- Understand how to manage special situations
- Improve skills in implementing evidence-based concepts and guidelines in breast cancer surgery

Main topics:
- Multidisciplinary team: Why it is crucial
- Screening, prevention and management of DCIS and other risk lesions
- Breast conservative treatment, mastectomy techniques, oncoplastic and reconstructive surgery
- Management of high-risk women and very young breast cancer patients
- Management of axillary nodes, status-quo and future developments
- What surgeons need to know about radiation oncology

Participant’s profile:
- Age between 30 and 40 years
- At least 2-3 years experience in surgical oncology/breast cancer surgery
- Involvement in scientific activities
- Fluency in English

Further information:
ESO - Ana Galán, ana.galan@essoweb.org, ph +32 7750243
ESO - Rita De Martini, rdemartini@eso.net, ph +39 02 85464527

BY APPLICATION ONLY
THE APPLICATION DEADLINE HAS PASSED
As a joint initiative, the European School of Nuclear Medicine and the European School of Oncology are pleased to announce the first edition of the ESNM/ESO course on 18FDG PET/CT in lymphoma. There is a growing demand for academic education for oncologists/haematologists and nuclear physicians to increase their competence in interpreting PET-CT findings and using these data in the staging and treatment process. The recent publication of the consensus paper of the International Conference on Malignant Lymphomas - Imaging Working Group about the role of imaging together with the updated staging classification of malignant lymphomas (Lugano Classification, JCO 2014) confirmed the pivotal role of 18FDG PET-CT in the management of the lymphoproliferative diseases. Furthermore, the need to apply standard specific criteria to assure the best use of hybrid imaging in clinical studies as well as in clinical practice will be discussed.

The course is designed as a forum for oncologists/haematologists and nuclear physicians who seek to expand their knowledge and competence in interpreting PET-CT findings and using these data in staging and treating lymphoma patients.

Learning objectives:

- Improve interpretation skills in the evaluation of 18FDG PET-CT scans in patients with different types of lymphomas
- Learn how to implement the novel Lugano Classification for staging and response assessment
- Understand how to translate information into a nuclear medicine report that is clinically relevant

Main topics:

- Analysis of PET-CT data
- Image interpretation and description
- Classification
- Reporting and integration in the response assessment as well as practical sections covering
  - Hodgkin lymphoma
  - Diffuse large B-cell lymphoma
  - Follicular lymphoma
  - Primary mediastinal lymphoma

Participant’s profile:

- Nuclear physicians
- Oncologists and haematologists
- Other specialists who seek training in the field

PARTICIPATION IS LIMITED AND THE MAXIMUM NUMBER OF SEATS HAS BEEN REACHED. A SECOND COURSE IS BEING SCHEDULED IN 2016. PLEASE VISIT OUR WEBSITE FOR FURTHER INFORMATION.

Further information:

European School of Nuclear Medicine (ESNM)
Vienna, Austria
Agnes Falkner, a.falkner@eanm.org, ph +43 1 8904427
The Masterclass offers plenary lectures regarding the state-of-the-art clinical evaluation and treatments with reference to clinical guidelines and which will conclude in take-home messages. Furthermore, practical training will be offered in the frame of clinical case discussion sessions. Participants will deliver case presentations within tumour boards and discuss them with the faculty and the audience. Participation is compulsory throughout the event. The Masterclass will be entirely in English and at least an intermediate level of English is necessary for admission.

Learning objectives:
- Improve medical oncologists’ skills
- Practising case discussion
- Deep focus on genitourinary, breast, lung and colorectal cancers

Main topics:
- Breast cancer
- Colorectal cancer
- Genito-urinary tumours
- Lung cancer

Participant’s profile:
- Age up to 40 years
- At least 2-3 years’ experience in medical or clinical oncology
- Involvement in scientific activities
- Fluency in English
- Practicing in the Eurasian region

BY APPLICATION ONLY
THE APPLICATION DEADLINE HAS PASSED

Further information:
Daniela Mengato, dmengato@eso.net, ph +39 02 85464532
The refreshed format of the 2016 conference will enhance learning opportunities and will include multidisciplinary interactive sessions also for non-oncologists dealing with cancer patients (radiologists, pathologists, GPs etc.). The Conference offers plenary lectures delivered by the leading experts in the field, focusing on the state-of-the-art therapies and concluding with take-home messages. Lectures will cover the current standards of modern oncology, with special attention paid to practical aspects of effective cancer treatment.

On 22 April an interdisciplinary session will be held for physicians dealing with advanced breast cancer – the issues from diagnosis to survivors’ support will be discussed. Additional sessions will focus on lung cancer – lectures will address modern and fast diagnosis as well effective problem-solving in daily practice. Other clinically-oriented issues will be discussed too.

On 23 April the leading European experts, invited jointly by ESO and Medycyna Praktyczna - Onkologia, will deliver lectures on practical clinical issues, such as management of patients with gastrointestinal malignancies, current strategies in liver tumors, management of breast cancer (including novel therapeutic options), endocrine malignancies, effective therapy for brain malignancies, skin malignancies etc.

All lectures will be interactive. An electronic system will allow participants to answer the questions, solve the quizzes and join the speakers in clinical case discussions.

**Learning objectives:**
- Update on the most important advances in the field of gastrointestinal malignancies, breast cancer, liver tumors, lung cancer etc.
- Improve skills and knowledge on practical clinical issues
- Understand current options for palliation in advanced malignancies

**Participant’s profile:**
- Medical oncologists, radiation oncologists and surgical oncologists
- Other medical specialties involved in cancer care (e.g. radiologists, pathologists, general practitioners, etc.)
- Medical students and nurses

**Main topics:**
- Early and advanced breast cancer
- Malignancies of endocrine glands
- Melanoma and other skin malignancies
- Lung cancer
- Gastro-intestinal malignancies
- Primary and secondary liver tumors

**Further information:**
Medycyna Praktyczna - Conferences
Liszki, Poland
Michał Bańdo, michal.bando@mp.pl, ph +48 12 2934279

**DEADLINE**
**EARLY REGISTRATION: 15 MARCH 2016**
The Masterclass is the most structured ESO educational activity whose format has been established and presented in Europe for over a decade. The success of the teaching method has been confirmed by the events held also in other parts of the world as well as by the first edition of the Latin American Masterclass held in Brazil in 2015. It is with pleasure and gratefulness for the consideration of the local community, the 2015 Masterclass participants as well as the Masterclass core faculty, that ESO and ESMO announce the second edition to be held in 2016. The traditional format and admission procedure will apply but special attention will be devoted to the specific needs of the targeted audience. As for all Masterclasses, the number of participants will be limited and admission will be by competitive application only. Admitted participants will be granted free registration and full-board accommodation for the duration of the event.

Learning objectives:
- Improve medical oncologists’ skills
- Practising case discussion
- Deep focus on breast, gastro-intestinal, genitourinary, gynaecological, head and neck and lung cancers
- Compact update on further topics of interest

Main topics:
- Breast cancer
- Gastro-intestinal cancers
- Genito-urinary cancers
- Gynaecological cancers
- Head and neck cancer
- Lung cancer

Participant’s profile:
- Age between 30 and 40 years
- At least 3 years’ experience in medical oncology (or clinical oncology)
- Involvement in scientific activities (desirable)
- Intermediate level of English language
- Practicing in Latin America

BY APPLICATION ONLY
THE APPLICATION DEADLINE HAS PASSED

Further information:
Luis Carvalho, lcarvalho@eso.net, ph +41 91 8200958
Laura Richetti, lrichetti@eso.net, ph +41 91 8200951
The ESO, CNIO and NRCo Conference on Familial Cancer aims to present the advances in this field from a multidisciplinary point of view. Familial cancer has become an important challenge for oncologists, geneticists, molecular biologists, and other professionals, due to its implications not only at individual but also at the familial and social level. Along the last years, new approaches have allowed to increase our knowledge about the genes responsible for familial cancer, as well as their biological functions, which is essential to find an appropriate treatment in each case. The next generation sequencing is extensively used in the search of causal mutations, but it represents a new challenge regarding the interpretation of variants, many of which must be classified as of unknown significance.

Learning objectives:
- Selection criteria, landscape of breast and ovarian cancer genes, and clinical management
- Genetics and clinical management of hereditary colorectal cancer
- Therapeutic strategies in the era of personalized medicine
- Translating genetic risk factors to the surveillance and clinical management of prostate cancer
- Rare cancers: Gastric cancer, pancreatic cancer, tuberous sclerosis, Gorlin syndrome, PTEn and related diseases, multiple endocrine neoplasia type 1, among others
- Implications of applying next generation sequencing to the diagnosis

Main topics:
- Breast and ovarian cancer
- Colon and prostate cancer
- Rare cancers
- Implications of applying next generation sequencing to the diagnosis

DEADLINES
LATE REGISTRATION: 30 APRIL 2016
ON-SITE REGISTRATION: AFTER 30 APRIL 21016

Further information:
Daniela Mengato, dmengato@eso.net, ph +39 02 85464532
Laura Richetti, lrichetti@eso.net, ph +41 91 8200951
This residential programme has been designed for young medical and clinical oncologists, who wish to improve their skills or those who are preparing for the national board or ESMO exam. The programme will expose participants to a full spectrum of issues in clinical and medical oncology from basic science to advanced knowledge of systemic therapy as well as in the multidisciplinary treatment approach. It is intended to cover all major topics of ESMO-ASCO curriculum on medical oncology. The programme focuses on cancer pathology and molecular biology, cancer genetics, pharmacology of anti-cancer drugs and on frequent cancers such as breast, lung, gastro-intestinal, gynaecological and head and neck cancer. Spotlight sessions will provide inside on state of the art approaches in melanoma, sarcoma, thyroid cancer and on palliative care. Furthermore, practical training will be offered in the frame of clinical case presentations, prepared and presented by the participants and faculty for an interactive discussion. All participants will reside at the Masterclass venue and participation is mandatory throughout the course.

**Learning objectives:**
- Update the knowledge on basic science of clinical and medical oncology
- Enhance the competence and practical performance in systemic therapy of malignancies
- Enhance the competence and practical performance in multidisciplinary cancer care
- Update knowledge and get additional skills in supportive as well as palliative care
- Prepare for the board exam in clinical/medical oncology

**Participant’s profile:**
- Age between 30 and 40 years
- 2-4 years’ experience in oncology
- Involvement in scientific activities and clinical trials
- Fluency in English
- Practicing in Eastern Europe and Balkan Region

**Main topics:**
- Cancer biology/pathology
- Cancer genetics
- Pharmacology of anti-cancer drugs
- Breast cancer
- Gastro-intestinal tumours
- Lung cancer and mesothelioma
- Genito-urinary cancers
- Palliative and supportive care
- Haematological malignancies

**Further information:**
Dolores Knupfer, dknupfer@eso.net, ph +41 91 8200952
Alexandra Zampetti, azampetti@eso.net, ph +41 91 8200954

**BY APPLICATION ONLY**
THE APPLICATION DEADLINE HAS PASSED
This five-day course will take participants through the key steps in preparing a systematic review of research in cancer that they can use to make decisions about treatment, guidelines or the design of new research. Each participant will bring a topic for a systematic review to the Masterclass, and this will form the basis of the problem-based learning approach that will be used throughout the course. The programme will include formal lectures from experts in the relevant topic area, as well as group discussions drawing on the knowledge of the expert. The group discussions will be a mixture of whole-group work, and smaller discussions in which participants will be divided into small parallel groups to tackle specific issues relating to their review questions. These small groups will be facilitated by experienced systematic reviewers from the faculty, and will conclude with a plenary session in which one member of each small group will provide feedback on specific issues that were discussed about the reviews in their group.

**Learning objectives:**
- Formulation of the question
- Choice of inclusion and exclusion criteria, and selection of outcomes
- Development and implementation of a search strategy
- Application of the inclusion and exclusion criteria, and appraisal of quality and risk of bias in potentially eligible studies
- Data extraction
- Planning and conduct of meta-analyses, including subgroup and sensitivity analyses
- Exploration of heterogeneity
- Drawing conclusions and discussing implications for practice and research

**Main topics:**
- Question formulation for systematic reviews
- Eligibility criteria and outcome selection
- Search strategy
- Study quality and risk of bias
- Statistical analyses and heterogeneity
- Implications for practice and research

**Participant’s profile:**
- Healthcare practitioners with at least 2 years’ experience in the provision of care to cancer patients
- Familiarity with research into the effects of interventions for cancer patients, including randomized trials
- Basic understanding of the role of systematic reviews as a source of knowledge for decision making
- Fluency in English

**Further information:**
Francesca Marangoni, fmarangoni@eso.net, ph +39 02 85464525
Elena Fiore, efiore@eso.net, ph +39 02 85464529
ESO and SIOP-Europe are pleased to announce the sixth Masterclass in Paediatric Oncology. This clinically-oriented educational programme has been designed for young paediatric oncologists who wish to improve their skills in clinical management of common childhood tumours. It is designed to offer a unique learning experience, providing practice-oriented training and the teaching sessions will focus on the application of the most recent research findings to clinical practice.

Learning objectives:

- Improve knowledge in the field
- Improve skills in dealing with cancer problems as a whole
- Improve knowledge of current clinical practice and state-of-the-art treatment

Participant’s profile:

- Age between 30 and 40 years
- 2-4 years’ experience in paediatric oncology
- Involvement in scientific activities and clinical trials
- Fluency in English

Main topics:

- Central nervous system tumours
- Neuroblastoma
- Soft-tissue sarcoma
- Bone tumours
- Wilms’ tumour
- Rare tumours
- Acute Lymphoblastic Leukemia (ALL)

Further information:

Alexandra Zampetti, azampetti@eso.net, ph +41 91 8200954
Dolores Knupfer, dknupfer@eso.net, ph +41 91 8200952

DEADLINE
BY APPLICATION ONLY: 15 MARCH 2016

Held with the support of encca
The two-day full immersion, clinically-oriented and multidisciplinary course will offer plenary lectures regarding state-of-the-art clinical evaluation and treatment with reference to clinical guidelines. Lectures will conclude in take-home messages and the programme will provide practical video presentations of surgical approaches. An international faculty will contribute to the programme. All participants will reside at the venue and participation is compulsory throughout the course.

Learning objectives:
• Update on the curriculum of gynae-oncological subspecialty as defined by ESGO in conjunction of EBCOG (European standards of training and care in gynaecological oncology)
• Improve knowledge on different types of gynaecological cancers, their treatment and care
• Improve knowledge of anatomy, cervical, endometrial, ovarian and vulvar cancer

Main topics:
• Pelvic anatomy applied to gynaecological cancer surgery
• Cervical preinvasive carcinoma
• Cervical cancer
• Endometrial cancer
• Ovarian cancer
• Gestational trophoblastic disease (GTD)
• Cancer in pregnancy, fertility preservation, psycho-oncology, quality of the life after treatment and palliative care

Participant’s profile:
• Age between 30 and 40 years
• Trainee or fellow in gynaecological oncology
• Fluency in English

Further information:
European Society of Gynecological Oncology (ESGO)
Prague, Czech Republic
Helena Opolecka, masteclass2016@esgomail.org, ph +420 721 271 845
ESO has supported the establishment of a number of patient organizations in Europe over the past 20 years and would like to continue to support the growth of cancer patient advocacy at a European level. Following the success of the first Masterclass on Patients advocacy held in 2014, ESO is now organizing a second Masterclass to provide highly experienced cancer patient advocacy leaders the opportunity to enhance their understanding of key cancer policy issues and develop their advocacy skills. ESO is working with a small steering committee consisting of advocacy leaders representing a number of European cancer patient networks to develop a programme based on the needs and interests of senior European cancer patient advocates. Given that the masterclass spans all cancer types, the masterclass does not cover any disease-specific issues and only includes overarching topics that will be of general interest.

**2ND ESO MASTERCLASS ON CANCER PATIENT ADVOCACY**

**24-26 June 2016 - Milan, Italy**

**Steering Committee:** R. Deniel Ihlen (Lung Cancer Europe) - J. Geissler (CML Advocates Network) G. Henning (Europa Colon) - S. Knox (Europa Donna - the European Breast Cancer Coalition) - K. Mastris (Europa Uomo - the European Prostate Cancer Coalition) - K. Oliver (International Brain Tumour Alliance) - B. Ryll (Melanoma Patient Network Europe) - K. van Rassel (Lymphoma Coalition) M. Wartenberg (Sarcoma Patients Euronet and International Kidney Cancer Coalition);

**Scientific Coordinator:** K. Redmond, CH

**Participant’s profile:**
- Senior representatives of EU cancer patient networks
- Small number of future leaders
- Fluency in English

**Main topics:**
- NGO governance
- Effective leadership
- Smoothing the transition from small to large organizations
- Developing skills in dealing with the media
- Becoming more impactful at the EU level
- Securing a seat at the policy table
- Generating patient evidence

**Further information:**
Rita De Martini, rdemartini@eso.net, ph +39 02 85464527
Elena Fiore, efiore@eso.net, ph +39 02 85464529
Daniela Mengato, dmengato@eso.net, ph + 39 02 85464523

ATTENDANCE IS BY INVITATION ONLY. ATTENDEES WILL BE NOMINATED BY ORGANISATIONS

The Masterclass will be held in collaboration with the following cancer patient organisations:
- Lung Cancer Europe
- CML Advocates Network
- Europa Colon
- Europa Donna – the European Breast Cancer Coalition
- Europa Uomo – the European Prostate Cancer Coalition
- International Brain Tumour Alliance
- Melanoma Patient Network Europe
- Lymphoma Coalition
- Sarcoma Patients Euronet and International Kidney Cancer Coalition
ESMO-ESO COURSE ON MEDICAL ONCOLOGY FOR MEDICAL STUDENTS

14-19 July 2016 - Valencia, Spain

Chair: A. Cervantes, ES
Co-chairs: N. Pavlidis, GR - S. Banerjee, UK

The ESMO-ESO five-day residential course is open to fourth and fifth-year medical students and will focus on medical oncology. The course will provide an insight into all aspects of medical oncology, enabling students to get a full picture of this challenging and interesting professional field before making the choice of their specialization. The condensed high-standard educational programme aims to motivate medical students to choose medical oncology as a career.

Learning objectives:
- Increase knowledge in medical oncology, filling the gap in the medical student’s curriculum
- Acquire the skills to discuss clinical cases with a multidisciplinary approach
- Enhance and broaden medical education and learning experience

Participant’s profile:
- Fourth and fifth-year medical students
- Fluency in English

Main topics:
- A practical approach to cancer diagnosis, staging, prognosis and therapy
- Principles of medical therapy for cancer
- Breast cancer
- Colorectal cancer
- Gastric cancer
- Ovarian cancer
- Lung cancer
- Melanoma
- Prostate cancer
- Renal cell carcinoma
- Testicular cancer

Further information:
European Society for Medical Oncology
Lugano, Switzerland
Doris Vola, education@esmo.org, ph +41 91 9731903

DEADLINE
BY APPLICATION ONLY: 15 APRIL 2016

Held in cooperation with
ESO, ESSO and ESTRO are pleased to announce the jointly organised multidisciplinary course in oncology for medical students. The key goal of this course is encouraging medical students to specialize in an oncology related discipline. Previous editions organized by ECCO since 2005 got very positive and enthusiastic feedback from the students who had spent two weeks over summer with experienced teachers to receive theoretical and practical training in cancer care.

The multidisciplinary course in oncology will provide insight into all aspects of oncology with both theoretical and practical sessions. The programme incorporates plenary sessions, case study presentations, daily special visits to various oncology departments and group course projects that must be finalized and presented at the end of the course. The course has been designated for European Credit Transfer and Accumulation System Credits (ECTS).

Learning objectives:
• Improve understanding of all aspects of oncology
• Experience the complexity and importance of the multidisciplinary approach to cancer treatment
• Learn by developing and presenting a specific topic related to the theoretical and/or practical sessions

Main topics:
• History, epidemiology, genetics, diagnostics, treatment principles and therapeutic approaches, prevention and screening
• Communication with the patient
• Breast cancer
• Colorectal cancer
• Gastro-intestinal cancers
• Genito-urinary cancers
• Gynaecological cancers
• Head and neck cancer
• Lung cancer
• Sarcoma and melanoma

Participant’s profile:
• Fourth-year medical students
• Fluency in English

DEADLINE
BY APPLICATION ONLY: 31 MAY 2016

Held in cooperation with
Cooperation for promotion provided by

Further information:
European Society for Radiotherapy and Oncology (ESTRO School)
Brussels, Belgium
Christine Verfaillie, education@estro.org, ph +32 2 7759349
The Refresher Course on Gastro-intestinal Cancer organized under the auspices of the Hungarian Society of Clinical Oncology has been designed for medical and clinical oncologists who have attended a previous edition of the Eastern Europe and Balkan Region Masterclass in Medical/Clinical Oncology and other practising oncologists of the region with the aim to provide an update on the state-of-the-art therapeutic options as well as an overview of the latest advances in the field. The programme will offer educational lectures covering updates on the diagnosis and treatment. Practical training will be offered in the frame of clinical case presentations, prepared and presented by participants and discussed with the faculty with interactive voting.

Learning objectives:
- Update on the latest advances in diagnostic procedures
- Update on the latest advances and on the state-of-the-art treatment options
- Learn about the management of specific situations
- Debate controversies and challenges in gastro-intestinal cancer treatment
- Improve practical skills in multidisciplinary management and follow-up of gastro-intestinal cancer patients

Participant’s profile:
- Participants of the previous Eastern Europe and Balkan Region Masterclass in Clinical/Medical Oncology and further participants with the following profile:
  - Age between 30 and 40 years
  - At least 2-3 years’ experience in medical oncology
  - Fluency in English

Main topics:
- Update on standard and new diagnostic, treatment options and approaches
- Signalling pathways
- Molecular analysis for personalised therapy
- Role of biologics

Further information:
Laura Richetti, lrichetti@eso.net, ph +41 91 8200951

Held under the auspices of
The Masterclass offers plenary lectures regarding state-of-the-art clinical evaluation and treatments with reference to clinical guidelines and which will conclude in take-home messages. Participants will deliver case presentations within tumour boards and small groups and discuss them with the chairmen and the faculty. Contouring sessions will give further space to the participants to examine concrete contouring challenging situations while treating patients with brain gliomas. These sessions will also give the participants the opportunity to exchange ideas with the experts about the proper management of the more problematic cases encountered in the daily practice of a specialist in radiation oncology.

All participants will reside at the course venue and participation is compulsory throughout the course. The Masterclass will be entirely in English and fluency in English is necessary for admission.

Learning objectives:
• Improve clinical oncologists’ skills
• Practising case discussion
• Improve the confidence while prescribing radiotherapy and using modern radiotherapy equipment and planning systems (IMRT, stereotactic radiotherapy, Protons, etc.)
• Deep focus on clinical aspects of patients with gliomas, radiobiology, pathology and molecular biology of gliomas in the radiation oncologist’s perspective
• Compact update on epidemiology, combination of radiotherapy with surgery and drug therapy, clinical trials management

Main topics:
• Clinical management of patients with gliomas
• Radiobiology of gliomas
• Technical improvements, altered fractionation, specific aspects of high precision radiotherapy, chemosenstitization and other aspects of medical therapy
• Treatment of low grade gliomas, glioblastoma, anaplastic astrocytomas and oligodendrogliomas, rare brain tumors, pediatric brain tumors in adults
• Supportive treatments, symptom control both in palliative and curative intent

Participant’s profile:
Radiation oncologists with an interest in neuro-oncology early in their career, rather than clinicians with extensive experience, are particularly encouraged to apply.

Applications submitted by other candidates with experience in other disciplines (medical oncology, neurology, neuro-surgery) will be considered if seats are available.

Further information:
Luis Carvalho, lcarvalho@eso.net, ph +41 91 8200958
Laura Richetti, lrichetti@eso.net, ph +41 91 8200951
This is a 3-days clinically oriented educational programme dedicated to medical, clinical and radiation oncologists, who wish to improve their skills in oncology or those who are preparing for the national board exam. The programme focuses on breast, gynaecological, prostate, colorectal, lung cancers and on lymphomas and is covered by an international faculty of top experts.

The Masterclass offers:
- plenary lectures regarding state-of-the art clinical evaluation and treatments with reference to clinical guidelines concluding in take-home messages,
- clinical case presentations will be delivered by the participants in tumor board discussions as well as in divided small groups with the presence of the chairs and the faculty,
- a self-assessment test based on multiple choice questionnaire will be provided to participants on the last day of the Masterclass.

All participants will reside at the course venue and participation is compulsory throughout the course. The Masterclass will be entirely in English and fluency in English is necessary for admission.

Learning objectives:
- Improve medical oncologists’ skills
- Practicing case discussion
- Deep focus on breast, gynaecological, prostate, lung and colorectal cancer, lymphomas

Participant’s profile:
- Age up to 40 years
- At least 2-3 years’ experience in the field (medical /clinical oncology)
- At least an intermediate level of English
- Involvement in scientific activities (desirable)
- Practicing in the region

Main topics:
- Breast cancer
- Gynaecological cancer
- Prostate cancer
- Colorectal cancer
- Lung cancer
- Lymphomas

Further information:
Daniela Mengato, dmengato@eso.net, ph +39 02 85464532

APPLICATION DEADLINE TO BE ANNOUNCED
Breast cancer in young women is a complex disease, occurring when these women are at the peak of their reproductive years, family life and careers. Being a rare disease the optimal management of these patients is based on scientific data derived from clinical trials mostly conducted on older women. Many aspects of breast cancer in young women are therefore poorly understood (e.g. etiology and biology among others) and research is much needed in this field. In addition, young women have many years ahead of them to suffer the long-term effects of treatment or the consequences of recurrent disease. This third conference is a new opportunity for the latest updates on this field and a platform for generating future research concepts and collaborations. It will cover epidemiology, molecular biology, genetics, pathology, surgery, radiotherapy, systemic therapy, survivorship issues (e.g. fertility preservation, psychosocial needs) in young women with breast cancer. It will also include a consensus session that will form the basis for a consensus guidelines manuscript that will be published simultaneous in *The Breast* and *Annals of Oncology*.

**Learning objectives:**
- Learn the scientific and clinical aspects of breast cancer in young women
- Understand the importance of multidisciplinary management and discuss difficult clinical cases
- Recognise clinical research priorities and future perspectives, involving patient advocates in setting the agenda

**Main topics:**
- Epidemiology of early and advanced disease
- Biology
- Hereditary breast cancer
- Diagnostic tools and challenges
- Loco-regional therapy
- Systemic therapy
- Psychosocial aspects and survivorship

**Participant’s profile:**
- Medical oncologists
- Surgeons
- Gynecologists
- Radiation oncologists
- Breast radiologists
- Onco-geneticists
- Pathologists
- Nurses
- Patient advocates

**DEADLINES**
- TRAVEL GRANTS AND ABSTRACT SUBMISSION: 26 JUNE 2016
- EARLY REGISTRATION: 31 JULY 2016
- LATE REGISTRATION: 23 OCTOBER 2016
- ON-SITE REGISTRATION: AFTER 23 OCTOBER 2016

**Further information:**
Francesca Marangoni, fmarangoni@eso.net, ph +39 02 85464525
Elena Fiore, efiore@eso.net, ph +39 02 85464529
Luis Carvalho, lcarvalho@eso.net, ph +41 91 8200958
The Course is aimed to inform oncologists about the recent state-of-the-art management of gynecological and urogenital tumors. This clinically oriented residential educational programme is dedicated to medical oncologists, clinical oncologists and radiation oncologists. This programme will expose participants to a full spectrum of established and novel therapeutic approaches regarding various malignant tumors of the above two systems. It will refer to available clinical guidelines and it will conclude in take-home messages. Participation is compulsory throughout the event. The Course will be entirely in English and at least an intermediate level of English is necessary for admission.

Learning objective:
• Update on the state-of-the-art in the diagnosis and multidisciplinary approach in gynecological and urogenital tumors

Participant’s profile:
• Age up to 40 years
• At least 2-3 years’ experience in clinical oncology
• Involvement in scientific activities
• Fluency in English

Main topics:
• Cervical and endometrial cancer
• Ovarian cancer
• Prostate cancer
• Renal cancer
• Bladder cancer
• Testicular cancer

Further information:
Daniela Mengato, dmengato@eso.net, ph +39 02 85464532

DEADLINE
BY APPLICATION ONLY: 20 JULY 2016
ESO and ESTRO are pleased to announce the fourth edition of the joint Masterclass in Radiation Oncology. The Masterclass is a special course which brings international experts into a unique teaching format providing great opportunities for high potentials at an early stage of their career. The Masterclass provides exposure to interactive development of research projects and advanced knowledge in essential and hot topic areas. The new format focuses both on the major pillars of clinical and scientific radiation oncology (physics/technology; biology; clinical and translational research; multidisciplinarity) and on the current hot topics, offering a deeper look into the research and innovation strategies in the whole field. The programme has been designed to offer a unique learning experience (interactive, problem solving, self-responsibility) and to provide practice-oriented, hands-on training to radiation and clinical oncologists with knowledge in the domain. The programme will offer plenary focusing on state-of-the-art and on major open research questions in the various fields of research and development. Furthermore, the lectures will provide an overview on opportunities to integrate emerging technologies and basic research results in innovative clinical strategies. Furthermore, active work of the participants (“hands-on”) who will provide and discuss research proposals in the various fields of radiation and multidisciplinary oncology will be included.

**Learning objectives:**
- Learn about the current research scenarios in clinical radiation oncology, in technology oriented research, in biology and translational related research and in multidisciplinary research
- Improve skills in the definition of research endpoints and their assessment
- Improve skills to identify appropriate research methodologies for different research questions
- Learn how to design and develop a research proposal in one of the major fields of radiation and multidisciplinary oncology
- Critically assess research proposals in his/her major field of interest

**Main topics:**
- Evidence-based methodology for innovation in radiation oncology
- Physics and technology
- Radiobiology and cancer biology
- Multidisciplinarity

**Participant’s profile:**
- Age between 30 and 45 years
- Appropriate knowledge and experience (at least 3 years as resident or specialist) in radiation oncology, clinical oncology, medical oncology or medical physics (with minimum, basic knowledge in radiotherapy)
- Involvement in scientific activities
- Fluency in English

**Further information:**
ESTRO - Gabriella Axelsson, gaxelsson@estro.org, ph +32 2 761 06 51
ESO - Rita De Martini, rdemartini@eso.net, ph +39 02 85464527
Elena Fiore, efiore@eso.net, ph +39 02 85464529

**DEADLINE**
**BY APPLICATION ONLY: 14 MAY 2016**
The daily activity of a cancer hospital is fraught with ethical controversies and difficult decisions to be made by researchers, clinicians, patients and caregivers. Frequently, these issues become entangled in moral values, religious beliefs, legal constraints, professional duties and medical guidelines, which add layers of complexity to biomedical decision-making. Moreover many of the decisions to be taken are strongly entrenched with gender issues. As a consequence, those who have to choose could be in a sort of ethical decisional paralysis.

This situation spurs for the necessity of services provided by ethical counsellors to support the ethical decision-making of both patients and physicians, without weakening the autonomy of the former and without relieving the responsibility of the latter.

The course presented by ESO, Technische Universität München (TUM) / Institute for Advanced Study (IAS) is focused exactly on this topic and aims to provide participants with proper philosophical tools to positively cope with those situations.

The Master in Ethical Counselling in Oncology and Gender Issues resorts to the tradition of the ethical critical thinking and is based on the idea that an ethical counsellor is a mediator between the ethical knowledge and the patient’s or the clinician’s ethical needs, in order to help them to take the right choices for the patient’s well-being.

Learning objectives:
• Improve oncologists’ ethical skills
• Learn a philosophically-based methodology to discuss the controversial clinical cases
• Increase practice in case discussions
• Learn about gender issues

Main topics:
• Ethical counselling in oncology
• Ethical decision-making and clinical decision-making in oncology
• Gender issues

Participant’s profile:
• Professionals and analysts from the oncological sector
• Physicians, nurses, counsellors, social workers and patients’ representatives

Further information:
Technische Universität München (TUM) / Institute for Advanced Study (IAS)
Munich, Germany
Anna Fischer, fischera@zv.tum.de, ph +49 (0) 89 28910557

DEADLINE
BY APPLICATION ONLY: 24 SEPTEMBER 2016
The main common feature of cancer cells is their ability to escape to homeostatic regulation mechanisms of living. In a sense giving them immortality, causing in the absence of treatment the death of the organism, which is their origin. The exponential knowledge of the biology of cancer and the phenomenal capacity of synthesis of new treatments and diagnostic tools have opened up the prospect of a precision medicine in oncology that requires regular and frequent updating of our knowledge. This knowledge concerns both the intrinsic prognosis of the disease, as the prediction value of therapeutic approaches that in fact becomes increasingly “personalized”. This conference, organized for several years, aims to take stock of current and future tools that help us optimize the care of patients with cancer.

**Learning objectives:**

- Update the knowledge of the implications for practice and clinical research (tools to be used, tools still in research, areas where no tools are yet available)
- Understanding epigenetics and genomics research and their impact on cancer prognosis and therapy response (prediction)

**Main topics:**

- Epigenetics
- Pharmacogenomics/pharmacogenetics
- Immunology
- Lung cancer
- Colorectal cancer
- Prostate cancer
- Breast cancer

**DEADLINES**

- TRAVEL GRANTS: 31 AUGUST 2016
- EARLY REGISTRATION: 16 SEPTEMBER 2016
- LATE REGISTRATION: 4 NOVEMBER 2016
- ON-SITE REGISTRATION: FROM 5 NOVEMBER 2016

**Further information:**

Luis Carvalho, lcarvalho@eso.net, ph +41 91 8200958
Laura Richetti, lrichetti@eso.net, ph +41 91 8200951
Rare cancers make up as many as one fifth of all new cancer cases. Pediatric cancers and rare hematologic neoplasms are often covered by dedicated educational events while rare adult solid cancers are hardly grouped together as a collective group of neoplasms. This course is aimed at dealing with them on an annual basis, to provide the community of clinical oncologists specialising in these tumours with a regular update of recent advances in this specific area. The ultimate goal is to strengthen the educational coverage of a group of cancers which may be neglected in spite of their collective incidence.

Any educational effort in the rare cancer area makes little sense if disconnected from a networking environment. Thus, this course will be first offered to clinical oncologists involved into the existing networks covering adult solid rare cancers, with a special attention to the new European Reference Networks due to be created within the EU. Moreover, it will be part of the educational programme of the University of Milan European Postgraduate Master on Rare Adult Solid Cancers, organized in collaboration with ESO, that will be announced in the summer.

Learning objective:
- Update on the latest clinical developments on RCs with a background perspective on the state-of-the-art

Participant’s profile:
- Degree of specialization in medical oncology, radiation oncology surgical oncology or equivalent
- Participants accepted at the Milan University Postgraduate Master on Rare Cancers
- Fluency in English

Main topic:
- Rare Adult Solid Cancers

Further information:
Marina Fregonese, mfregonese@eso.net, ph +39 02 23902106

REGISTRATION DEADLINE
TO BE ANNOUNCED

Held in collaboration with
The European School of Oncology in co-operation with Ulm University is presenting a structured Certificate of Competence in Lymphoma Programme, an academically recognised curriculum of studies, that was developed with the contribution of internationally recognised physicians and scientists in the field of haemato-oncology.

Programme:
The Programme, which is offered on a part-time basis using blended learning modules and seminars, is divided in three attendance seminars (in Germany and Switzerland) and four e-learning modules. Over the duration of 14 months the Programme provides a total of 405 hours of comprehensive learning, accordingly reported with a workload of 14 European Credit Transfer and Accumulation System Points (ECTS) by Ulm University.

The second edition concluded in April 2016 and due to the positive feedback received, the third edition is scheduled to start in February 2017.

Eligibility:
The Programme is designed for oncologists and haematologists (medical oncology, haematology, internal medicine, radiation oncology, pathology), but it is equally accessible to graduates in natural sciences who are engaged in the field of oncology, especially in the field of lymphoma.

Admission and deadlines:
Admission to the Certificate of Competence in Lymphoma Programme is by competitive application only and the selection will be based on the eligibility criteria and selection procedure. Applications will be considered if received completed with all required documents and within the deadline. Attendance is limited to 20 participants.

Certificate:
Upon successful completion of the Programme, participants will obtain an academic certificate issued by the European School of Oncology and Ulm University assigning 14 ECTS and a diploma supplement by Ulm University.

Further information:
Dolores Knupfer, dknupfer@eso.net, ph +41 91 8200952

http://www.eso.net/pagine_interne/ccl-introduction.html
The European School of Oncology in co-operation with Ulm University is presenting a structured Certificate of Competence in Breast Cancer Programme, an academically recognised curriculum of studies, that was developed with the contribution of internationally recognised physicians and scientists in the field of breast cancer.

Programme:
The Programme, which is offered on a part-time basis using blended learning modules and seminars, is divided in three attendance seminars (in Austria, Portugal and Germany) and five e-learning modules. Over the duration of 13 months the Programme provides a total of 381 hours of comprehensive learning, accordingly reported with a workload of 13 European Credit Transfer and Accumulation System Points (ECTS) by Ulm University.

The first edition concluded in April 2016 and due to the positive feedback received, the second edition is scheduled to start in March 2017.

Eligibility:
The Programme is designed for physicians with experience in the field of breast cancer (medical oncology, radiation oncology, gynaecology, senology, pathology), but it is equally accessible to graduates in natural sciences who are engaged in the field of breast cancer.

Admission and deadlines:
Admission to the Certificate of Competence in Breast Cancer Programme is by competitive application only and the selection will be based on the eligibility criteria and selection procedure. Applications will be considered if received completed with all required documents and within the deadline. Attendance is limited to 20 participants.

Certificate:
Upon successful completion of the Programme, participants will obtain an academic certificate issued by the European School of Oncology and Ulm University assigning 13 ECTS and a diploma supplement by Ulm University.

Further information:
Alexandra Zampetti, azampetti@eso.net, ph +41 91 8200954
The Clinical Training Centres Fellowship Programme aims at giving trainee oncologists of the future the opportunity to spend a period of time in a clinical setting specially designed to address their needs. Trainees can attend a selected host centre for a period of 3-6 months with either observership status (direct contact with patients is not foreseen) or residency status (direct contact with patients is foreseen). During this period it is anticipated that participants will gain further knowledge in their specialty as well as a good overview of all the issues involved in the running of a successful cancer unit.

The following centres have been selected as Clinical Training Centres:
- St. Vincent’s University Hospital, Dublin, Ireland, under the umbrella of the University College Dublin
- Institut Gustave Roussy, Villejuif, France, under the umbrella of University Paris-Sud
- Oncology Institute of Southern Switzerland, Bellinzona, Switzerland
- European Institute of Oncology, Milan, Italy
- The Royal Marsden, NHS Foundation Trust, London, United Kingdom
- Comprehensive Cancer Centre Ulm, Ulm, Germany
- Champalimaud Clinical Centre, Lisbon, Portugal

Grant:
Successful applicants will receive the following:
- Travel costs to and from country of residence
- A monthly grant of EUR 2.300 for visiting observership status and EUR 2.500 for visiting residency status

Training programmes:
Details of the training programme offered by each centre can be found at www.eso.net under the “career development” section.

Application:
Complete applications to be submitted online by the published deadline. Pre-selected candidates will be video interviewed by ESO and the host institute.

Due to the limited number of training grants available, priority will be given to European physicians who have completed their specialisation by the start of the training period. A small number of training positions are also reserved for physicians from Arab countries.

The 2017 Clinical Training Centres Fellowship Programme is supported by a Fund provided by the European School of Oncology and an education grant from Merck KGaA, Darmstadt, Germany.

Further information:
Corinne Hall, chall@eso.net, ph +39 02 85464522

THE APPLICATION DEADLINE FOR THE 2017 PROGRAMME IS 30 JUNE 2016
Master Online Advanced Oncology
Unique curriculum preparing for leadership tasks in oncology.
Study part-time – team up internationally!

**Target group:**
Clinical oncologists, graduates in human medicine, scientists and engineers with experience in the field of oncology and the aim of becoming leaders in their field.

**Timely and locally flexible learning:**
The blended learning concept comprises online-learning and face-to-face seminars. It allows you to combine work, family and study.

**High scientific and clinical quality:**
The program is founded by international renowned experts and organizations. Top-class cooperating partners, such as the Comprehensive Cancer Center Ulm and the European School of Oncology enrich the competencies.

**Split-role tutoring support:**
Specifically developed for participants strongly engaged in their professional life. Individual contact persons are available to answer technical, organizational and professional questions.

The study program starts in October. It is completed with the academic degree »Master of Science«. There are four attendance seminars at Ulm University and one in collaboration with the European School of Oncology (ESO).

Application Deadline: April 15th
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www.masteroncology.de
ONLINE MASTER IN
MOLECULAR ONCOLOGY

PROGRAM AT A GLANCE

• With Faculty from HARVARD (BIMDCC).
• Online Video Streaming Classes: 300 hours.
• Possibility to have a week of intensive training at the CNIO (Spain) laboratories.
• Obtained degree: Master in Molecular Oncology.
• Research Project and Tutoring: 300 hours.

YEAR MASTER DIRECTED TOWARDS
Oncology Specialists, Hematology Specialists, Pathology Specialists. PhDs and specialists in area of biomedicine

GOALS

The main objective of this Master degree is to provide their students with an education that combines rigorous cancer studies and the latest improvements in oncolgical therapies.

Treating cancer based on a multidisciplinary vision of tumor disease. The student will have access to basic knowledge of the gene origin and cancer development; methodology of basic research and clinical oncology; understand the patterns of expression of the tumors; as well as, therapeutical approaches based on molecular pathways involved in tumorigenesis.

PROGRAMME

MODULE I
CELLULAR AND MOLECULAR BIOLOGY OF CANCER

1. Cell, genes and regulation of gene expression
2. Proto-oncogenes
3. Tumor suppressor genes
4. Cellular processes linked to carcinogenesis

MODULE II
MOLECULAR PATHOLOGY

1. Immunohistochemistry
2. Cytogenetics
3. Cancer Genome
4. Transcriptomics, miRNAs
5. Proteomics
6. Epigenetics

MODULE III
MOLECULAR ONCOLOGY

1. Epidemiology
2. Familial Cancer
3. Pharmacology and Antitumor Strategies
4. Complementary Therapies
5. Clinical Research

MODULE IV
RESEARCH PROJECT
On line Master in Medical Oncology

The aim is to provide a uniform standard of education on cancer patient management.

Programme (1.500 h)

General Modules

- Cancer genetic counseling
- Clinical pharmacology
- Clinical research in oncology
- Comunication skills
- Epidemiology and cancer prevention
- Immuno-oncology
- Molecular biology and targeted therapies
- Oncologic emergencies
- Statistics for oncologists
- Supportive and palliative care
- Thromboembolic disease

Specific Tumours Modules

- Breast cancer
- Cancer of unknown primary site
- Central nervous system tumours
- Gastrointestinal cancers
- Genitourinary cancers
- Gynecologic cancers
- Head and neck cancer
- Lymphoma and myeloma
- Lung cancer
- Melanoma
- Neuroendocrine cancer
- Prostate cancer
- Sarcomas
- Thyroid cancer

Aimed to:

Medical Oncology residents in training, young oncologists and CME.

Methodology:

100% online.
Language: Spanish.
3 academic years to complete the master.
Tutors are always available.

Accreditation:

Faculty of Medicine of the University of Girona and the Spanish Society of Medical Oncology.

Direction:

Dr. Ramon Colomer, Director and Chairman of SEOM Certificate.
Dr. F. Xavier Bosch, e-oncologia Director.
Dr. Miguel Martin, SEOM President.

An ESO Recommended Programme

Professional Education, the successful key to improve Cancer Management and Prevention.
Cancer World promotes discussion about the policies, practices and priorities that matter when it comes to treating and supporting people with cancer.

**Free Subscription Offer!**

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THE BREAST

Editor-in-Chief: Fatima Cardoso

The Breast is an international, multidisciplinary journal for researchers and clinicians, which focuses on translational and clinical research for the advancement of breast cancer prevention, diagnosis and treatment of all stages of the disease.

Top Cited Articles:
- Pregnancy after breast cancer: Are young patients willing to participate in clinical studies?
- Acceptance and adherence to chemoprevention among women at increased risk of breast cancer
- Review of radiation dose estimates in digital breast tomosynthesis relative to those in two-view full-field digital mammography

CRITICAL REVIEWS IN ONCOLOGY/HEMATOLOGY

Editor-in-Chief: Matti S. Aapro

Critical Reviews in Oncology/Hematology publishes scholarly, critical reviews in all fields of oncology and hematology written by experts from around the world.

Top Cited Articles:
- Epidemiological and nonclinical studies investigating effects of iron in carcinogenesis-A critical review
- Targeting the PD1/PD-L1 axis in melanoma: Biological rationale, clinical challenges and opportunities
- Sorafenib-based combination as a first line treatment for advanced hepatocellular carcinoma: A systematic review of the literature

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Breast Centres Network
Synergy among Breast Units

Need to quickly contact a breast expert colleague?

Is your Breast Unit organised according to state-of-the-art international standards?

Don’t miss the opportunity to discover more and improve your Breast Unit!

Become a Breast Centres Network Member

www.BreastCentresNetwork.org

Membership is free!

Breast Centres Network is the first international network of clinical centres exclusively dedicated to the diagnosis and treatment of breast cancer. It is a project of ESO (European School of Oncology) with the aim to promote and improve breast cancer care in Europe and throughout the world.

Our network includes Breast Units (Multidisciplinary Breast Centres) that fulfill minimum requirements (see Eligibility Gate) to be considered referral centres. Organisation of Multidisciplinary Breast Units is recommended by EUSOMA, Europa Donna (European Breast Cancer Coalition) and the European Parliament. In the US, breast center accreditation is offered by the National Accreditation Program for Breast Centers.

We offer an online Breast Unit Directory that provides detailed information at a glance about our members in an attempt to broadcast the state-of-the-art international standards for multidisciplinary breast cancer care.

And it’ll really make a difference to your center!

More than 220 Breast Units!

GO SOCIAL!
#BCN_ESO
Is your Prostate Cancer Unit organised with a multidisciplinary and multiprofessional team of experts and according to state-of-the-art international standards?

Don’t miss the opportunity to discover more and improve your Prostate Cancer Unit!

Become a Prostate Cancer Units Network Member

www.prostatecancerunits.org

Membership is free!

Prostate Cancer Units Network is the first international network of clinical units dedicated to the diagnosis and treatment of prostate cancer. The project is an initiative of the European School of Oncology in partnership with Europa Uomo - the European Prostate Cancer Coalition - with the aim to promote the multidisciplinary and multiprofessional management of prostate cancer patients.

Our network includes Prostate Cancer Units that fulfil minimum requirements (see Eligibility Gate) to be considered referral centres. This website offers an online Prostate Cancer Units Directory that provides detailed information about our members in the attempt to broadcast the state-of-the-art standards for multidisciplinary prostate cancer care.

And it’ll really make a difference to your unit!

Prostate Cancer Units Network is a joint project of:
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