EMOS 2016 - 29th Annual Meeting of the European Musculo-Skeletal Oncology Society

17th EMSOS Nurse and Allied Professions Group Meeting

2016
25th, 26th, 27th May
La Baule
Congress Center Atlantia
FRANCE

Organising Committee:
Pr François Gouin (Nantes)
Dr Françoise Rédini (Nantes)
Dr Fabrice Fiorenza (Limoges)

www.emsos2016.com
THE USE OF SILVER-COATED PROSTHESIS REDUCED THE INFECTION RATE.*

To increase the silver content in the area of the distal femur, special silver plates are mounted to the component.

## DAY 1 / Wednesday 25th of May

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
</table>
| 08:30-11:00 | TRAINING DAY 1  
*Chair: Simon Carter (Birmingham, United Kingdom) & Fabrice Fiorenza (Limoges, France)*  
08:30 - 09:00: Infection in megaprosthesis, Pietro Ruggieri (Padova, Italy)  
09:00 - 09:30: Malignant tumour of the foot, Eric Mascard (Paris, France)  
09:30 - 10:00: Management of GCT of bone in 2016, Robert Turcotte (Montreal, Canada)  
10:00 - 10:30: Spino-pelvic tumour resection and reconstruction, Panayiotis Papagelopoulos (Athens, Greece) | PLENARY ROOM                  |
| 11:00    | Break & exhibition visit                                                                  |                              |
| 11:30-13:30 | TRAINING DAY 2  
*Chair: Andreas Reithner (Graz, Austria) & Oleg Virva (Kharkiv, Ukraine)*  
11:30 - 12:00: Staging, biopsy and margins in bone sarcoma, Nicolas Fabbrì (New York, United States of America)  
12:00 - 12:30: Bone sarcoma recurrence: what now? Stefan Bielack (Stuttgart, Germany)  
12:30 - 13:00: Challenge in bone tumour imaging, Daniel Vanel (Bologna, Italy)  
13:00 - 13:30: Pathological fracture of long bones, Sander Dijkstra (Leiden, The Netherlands) | PLENARY ROOM                  |
| 13:30-14:15 | LUNCH SESSION  
Hands on bone sarcoma resection  
*Serious game: live planning of a bone tumour, Laurent Paul (Louvain-la-Neuve, Belgium)*  
13:30 - 13:45: Welcome cocktail | OREAUX BAGUENAUD ROOM          |
| 14:30-17:00 | TRAINING DAY 3  
*Chair: Philipp Funovics (Vienna, Austria) & Jay Wunder (Toronto, Canada)*  
14:30 - 15:00: Management of atypical lipomas: the London approach, Rob Pollock (London, United Kingdom)  
15:00 - 15:30: Targeted therapy in 2016, Jean-Yves Blay (Lyon, France)  
15:30 - 16:00: Surgical management of STS including the role of radiation, Jay Wunder (Toronto, Canada)  
16:00 - 16:30: How to stage and treat bone sarcomas other than osteosarcoma and Ewing sarcoma, Jeremy Whelan (London, United Kingdom)  
16:30 - 17:00: Soft tissue tumour imaging, Michèle Kind (Bordeaux, France) | PLENARY ROOM                  |
| 15:30-17:30 | EMSOS board meeting  
*Chair: Perrine Marec-Bérard (Lyon, France)*  
15:30 - 15:46: Congress report  
15:46 - 16:00: Break  
16:00 - 16:38: Opening ceremony  
16:38 - 17:00: Exclusive implants, Maurizio Pellegrini (Pordenone, Italy)  
17:00 - 17:38: Specialized customized implants to treat bone tumour patients, Panayiotis Papagelopoulos (Athens, Greece) | LAMBARDE GOVELLE ROOM          |
| 17:00-17:45 | SYMPOSIUM  
Limb salvage in orthopaedic oncology: what is and isn't possible  
*Case based discussion, William Aston (London, United Kingdom) & Lee Jeys (Birmingham, United Kingdom)* | PLENARY ROOM                  |
| 17:45-18:15 | Opening Ceremony  
*From scalpel to paintbrush, Leonardo da Vinci reveals anatomy, Dominique Le Nin (Brest, France)*  
17:45 - 18:00: Welcome cocktail | PLENARY ROOM                  |

## DAY 2 / Thursday 26th of May

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
</table>
| 07:45-08:30 | BREAKFAST SESSION  
ProMade, the next generation of exclusive implants, Maurizio Pellegrini (Pordenone, Italy) | OREAUX BAGUENAUD ROOM        |
| 08:30-10:00 | SESSION 1: EWING SARCOMA  
*Chair: Perrine Marec-Bérard (Lyon, France)  
Moderators: Peter Steadman (Brisbane, Australia) & Jeremy Whelan (London, United Kingdom)*  
08:30 - 09:30: Overview, Perrine Marec-Bérard (Lyon, France)  
09:30 - 10:00: Imaging study of 33 small cell osteosarcomas, Daniel Vanel (Bologna, Italy) | PLENARY ROOM                  |
| 08:35 ORAL PRESENTATIONS |  
• Imaging study of 33 small cell osteosarcomas, Daniel Vanel (Bologna, Italy)  
• Targeting the epigenetic readers in Ewing sarcoma inhibits the oncogenic transcription factor EWS/FLI1, Camille Jacques (Nantes, France)  
• Improved prognosis for patients with Ewing sarcoma in the sacrum compared with the innominate bones: the Scandinavian Sarcoma Group experience, Otto Broglof (Stockholm, Sweden)  
• Chemotherapy-induced necrosis in Ewing sarcoma: which is the best scoring tool? Piero Picci (Bologna, Italy)  
• Extending European collaboration to improve outcomes from Ewing sarcoma: the EURO EWING Consortium (EU grant 602856), Jeremy Whelan (London, United Kingdom)  
• Temozolomide and irinotecan in adult patients with recurrent Ewing sarcoma, Stefano Ferrari (Bologna, Italy)  
• Ewing sarcoma of the head and neck: local treatment evaluation of the French population of Euro-Ewing??, Jayeone Bouadou (Paris, France)  
• Local control and survival in pelvic Ewing sarcoma (EwS) in the Euro-EWING?? trial*, Dimosthenis Andreou (Münster, Germany), Andreas Reithner (Graz, Austria), Michael Paulussen (Datteln, Germany), Arne Streitburger (Münster, Germany), Beate Timmermann (Essen, Germany), Per-Ulf Tunin (Berlin, Germany) et al.  
• Risk analysis factors for local recurrence in Ewing sarcoma: when should adjuvant radiotherapy be administered? Michael Parry (Birmingham, United Kingdom)  
• Radiological tumour volume response and relation to histological response and outcome in localized Ewing sarcoma*, Lianne Haveman (Amsterdam, The Netherlands), Uta Dirksen (Münster, Germany), Stephanie Klot-Brosius (Münster, Germany), Herbert Juergens (Münster, Germany), Thomas Kuehne (Basel, The Netherlands), Michael Paulussen (Datteln, Germany) et al.  
• Early results with pre-operative radiotherapy for central Ewing’s sarcoma, Lee Jeys (Birmingham, United Kingdom)  
• The surgical treatment of the Ewing sarcoma of the spine: the long-term follow-up, Alessandro Luzzati (Milan, Italy)  
• Oncological outcome of Ewing sarcoma treated by limb salvage and neoadjuvant chemotherapy: the experience of Cairo university hospital, Walid Ebeid (Cairo, Egypt)  
• Results of surgical treatment of Ewing’s sarcoma of the extremities, Philipp Theodor Funovics (Vienne, Austria) | PLENARY ROOM                  |
| 10:00-11:00 | SYMPOSIUM  
*Chair: Valérie Dumaine (Paris, France) & Pietro Ruggieri (Padova, Italy)*  
10:00 - 10:06: Introduction, Frédéric Chibon (Bordeaux, France)  
10:06 - 10:14: Specialized customized implants to treat bone tumour patients, Panayiotis Papagelopoulos (Athens, Greece)  
10:14 - 10:22: 3D planning and reconstruction around the pelvis, Daniel Kotrych (Zszczecin, Poland)  
10:22 - 10:30: Experience with the LUMIC partial pelvic replacement, Sander Dijkstra (Leiden, The Netherlands)  
10:30 - 10:38: MUTARS® silver coated tumour prostheses in complex joint infection: about 10 cases with 40 months follow up, Fabrice Fiorenza (Limoges, France)  
10:38 - 10:46: The indications to the use of reverse total shoulder prosthesis in musculoskeletal oncology, Pietro Ruggieri (Padova, Italy) | PLENARY ROOM                  |

* Multicenter trial.
**Day 2 / Thursday 26th of May**

### 11:00 Break & exhibition visit

### 11:30-12:15 CAMPANACCI LECTURE

**PLENARY ROOM**

Progression through partnership, Steve Cannan (London, United Kingdom)

### 12:15-13:45 FREE COMMUNICATIONS (simultaneous sessions)

**FREE COMMUNICATIONS 1**

**PLENARY ROOM**

**Moderators:** Nathalie Gaspar (Vitilup, France) & Michel van de Sande (Leiden, The Netherlands)

- Effect of bone microenvironment in jaw osteosarcoma development, Françoise Réadin (Nantes, France)
- Management of giant cell tumours of the distal radius, recurrence rates and suggested surgical treatment, Lucy Elliott (Birmingham, United Kingdom)
- Risk factors for local recurrence after intralesional curettage for giant cell tumours of bone, Peter Horstmann (Copenhagen, Denmark)
- Complications in surgical treatment of patients with osseous metastases of renal cell carcinoma, Joseph Benevenia (Newark, United States of America)
- Lymphoma of bone and soft tissues: diagnostic and therapeutic considerations, Hans Roland Dürr (Munich, Germany)
- The EMSOS + Adamantinoma study: a clinical, radiological and histopathological analysis of 192 cases*, Emile Schutgens (London, United Kingdom), Sander Dijkstra (Leiden, The Netherlands), Michel van de Sande (Leiden, The Netherlands), Rob Pollock (London, United Kingdom), Pancras Hogendoorn (Leiden, The Netherlands), Judith Bovee (Leiden, The Netherlands) et al.
- Angiosarcoma of bone: a retrospective study of the European Musculoskeletal Oncology Society (EMSO)*, Stefano Ferrari (Bologna, Italy), Piero Picci (Bologna, Italy), Georg Gosheger (Könstorf, Germany), Reinhard Windhager (Vienna, Austria), Alberto Righi (Bologna, Italy), Eric Staals (Bologna, Italy) et al.
- Pigmented villonodular synovitis of the knee: a large retrospective analysis of 214 cases at a UK tertiary referral centre, Kavi Patel (London, United Kingdom)
- Preliminary results on the international multicenter retrospective Tensosynovial Giant Cell Tumour Database*, Emanuela Palmerini (Bologna, Italy), Bart Schreuder (Nijmegen, The Netherlands), Piero Picci (Bologna, Italy), Stefano Ferrari (Bologna, Italy), Alessandro Gronchi (Milano, Italy), Marta Fiocco (Leiden, The Netherlands) et al.
- An osseointegrated percutaneous prosthetic system for treatment of femoral tumoral amputees: medium and projected long-term follow up, Örjan Berlin (Gothenburg, Sweden)
- Management of foot and ankle malignancies: is it worth salvaging? Nail Harzem Ozger (Istanbul, Turkey)
- Treatment of osteoid osteomas of the foot: a review of 100 cases, Pietro Ruggeri (Padova, Italy), Alessandro Gronchi (Milano, Italy), Marta Fiocco (Leiden, The Netherlands) et al.
- Clinical experience from a 10-patient cohort implanted with a new prophylactic device to prevent impending hip fractures, François Cornelis (Bordeaux, France)

**FREE COMMUNICATIONS 2**

**OREAUX BAGUENAUD ROOM**

**Moderators:** Pierre Layrolle (Nantes, France) & Sophie Mottard (Montreal, Canada)

- P16 expression as a prognostic and predictive parameter in patients with high grade osteosarcoma of bone: an analysis of 357 cases, Marco Gambarruti (Bologna, Italy)
- The two faces of TRAIL-based therapies in pediatric bone tumors: how to counteract the activation of pro-proliferative pathways? Romain Guigo (Nantes, France)
- Preoperative plasma YKL-40 levels in bone and soft tissue sarcoma patients, Andrea Thorn (Copenhagen, Denmark)
- In vivo quantitative imaging of lung metastatic growth in a mouse model of osteosarcoma, Sander Botter (Zurich, Switzerland)
- Difficulties of pulmonary metastasectomy resections in pediatric patients, Iwona Malesza (Warszawa, Poland)
- Early prediction of lung metastases in soft-tissue sarcomas of the extremities using joint fdg-pet and mri textural features, Robert Turcotte (Montreal, Canada)

* Multicenter trial.

### 13:45-14:30 SYMPOSIUM

**PLENARY ROOM**

** Advances in technology, Lee Jays (Birmingham, United Kingdom)**

Use of TMT in oncology, Davide Donati (Bologna, Italy)

Use of TMT in the proximal femur, Nicola Fabbrini (New York, United States of America)

### 14:45-16:15 SESSION 2: MARGINS

**PLENARY ROOM**

**Chairs:** Robert Grimer (Birmingham, United Kingdom), Gerard Powell (East Melbourne, Australia)

**Moderators:** Sander Dijkstra (Leiden, The Netherlands) & Gerard Powell (East Melbourne, Australia)

**14:45 Overview, Robert Grimer (Birmingham, United Kingdom)**

**14:50 ORAL PRESENTATIONS**

- Why can’t we all speak the same language? An analysis of the definition and significance of margins in the euramos-1 trial, Robert Grimer (Birmingham, United Kingdom)
- Margins definition and French guidelines (GFPO, GSF-GETO) for the pathological reporting of the surgical resection specimen obtained after chemotherapy in bone sarcomas*, Anne Gomez-Brouchet (Toulouse, France), Laurence Brugieres (Paris, France), Jerome Salles de Gauzy (Toulouse, France), Philippe Anract (Paris, France), Fabrice Florenza (Limoges, France), Nathalie Gaspar (Paris, France) et al.
- Do patient-specific cutting guides enhance the accuracy of a single diaphyseal osteotomy, Gwen Syrs (Ishert, Belgium)
- Computer assisted 3D planning of complex bone tumour resections improves negative margin resections in a sawbones model, Sternheime Amir (Birmingham, United Kingdom)
- Local recurrence in the EURAMOS-1 trial – risk factors, management and outcome, Robert Grimer (Birmingham, United Kingdom)
- Neoadjuvant radiotherapy improves local control in high grade extremity soft tissue sarcoma*, Michel van de Sande (Leiden, The Netherlands), Marta Fiocco (Leiden, The Netherlands), Anthony Griffin (Toronto, Canada), Peter Ferguson (Toronto, Canada), Sander Dijkstra (Leiden, The Netherlands), William Aston (London, United Kingdom) et al.
- “Re-excision” after unplanned surgery of primary, localized and high-grade adult soft tissue sarcoma of the extremities: clinical outcome from a mono-institutional retrospective study, Giuseppe Bianchi (Bologna, Italy)
- Prognostic factors in primary myxofibrosarcoma of the extremities, Andrea Sambri (Bologna, Italy)
- A novel system for the surgical staging of primary high grade osteosarcoma margins of excision: The Birmingham classification, Lee Jays (Birmingham, United Kingdom)

* Multicenter trial.
16:45-18:15 FREE COMMUNICATIONS (simultaneous sessions)

FREE COMMUNICATIONS 3  |  PLenary room

Moderators: Seggy Abudu (Birmingham, United Kingdom) & Jos Bramer (Amsterdam, The Netherlands)

- MRI Evaluation of Ewing’s tumours: radiological anatomical correlation, Camille Thevenin-Lemoine (Toulouse, France)
- Late referral of dermatofibrosarcoma protuberans patients: is “whoops” surgery the usual first approach? A multicentric study*, Michele Boffano (Torino, Italy), Stefano Moretta (Torino, Italy), Raimondo Piana (Torino, Italy), Robert Grimer (Birmingham, United Kingdom), Simon Carter (Birmingham, United Kingdom), Stefano Marone (Torino, Italy) et al.
- Dissection of the tumour-veins interface: a prognostic factor for local recurrence in distal femoral osteosarcoma, Walid Ebeb (Cairo, Egypt)
- Should we excise soft tissue sarcoma beyond the infiltration? Shintaro Iwata (Chiba, Japan)
- Intra or extra articular resection for osteosarcoma around the knee: what are the rules? Habib Nouri (Tunis, Tunisia)

16:15 Break & exhibition visit

16:45-18:15 FREE COMMUNICATIONS 4  |  OreAUX BAGuenA room

Moderators: Georg Goshger (Münster, Germany) & Robert Turcotte (Montreal, Canada)

- Silver-coated megaprostheses of the proximal tibia in patients with bone sarcoma, Jendrik Hardes (Münster, Germany)
- Prognostic factors in angiosarcoma, Zeeshan Khan (Birmingham, United Kingdom)
- Aseptic loosening of implants after oncological knee replacement, Ilkin Mikailov (St. Petersburg, Russian Federation)
- Massive endoprosthetic replacement of the proximal femur for bone tumours: experience from the Royal National Orthopaedic Hospital, Stanmore, Euan Stirling (London, United Kingdom)
- Results of distal femur endoprosthetic reconstruction after primary bone tumours resection with a 5-year-minimum follow-up: a national multicentric study about 154 patients*, Jean-Camille Mattei (Marseille, France), Benjamin Chapal (Nantes, France), Benjamin Ferembach (Tours, France), Philippe Anracit (Paris, France), Philippe Rosset (Tours, France), François Gouin (Nantes, France), Georges Curvale (Marseille, France), Alexandre Rochwerger (Marseille, France)
- Clinical and radiological outcome of the abductor system repair with association of a trochanteric hydroxyapatite plate and a modular prosthesis for proximal femur tumour resections*, Vincent Crenn (Nantes, France), Sylvain Briand (Paris, France), François Gouin (Nantes, France), Philippe Rosset (Tours, France) & Mickaël Ropars (Rennes, France)
- Very long term outcomes following endoprosthetic replacements, Robert Grimer (Birmingham, United Kingdom)
- Retrospective evaluation of silver coated tumour prostheses in complex joint resection: about 23 patients from 2 French reference centres with 43 months follow up*, Fabrice Fiorenza (Limoges, France), Jérôme Druon (Tours, France), Eric Denes (Limoges, France), Louis Bernard (Tours, France), Christain Martin (Limoges, France) & Philippe Rosset (Tours, France)
- UKranian custom-made tumour prosthesis system [SIMEKS] for limb reconstructions: 12 years follow up, Oleg Vyrva (Kharkiv, Ukraine)
- Functional outcomes and complications after total scapulectomy: is massive reconstruction worthwhile? Susanna Maraldi (New York, United States of America)
- Acetabular reconstruction using trabecular metal in orthopaedic oncology: a solution for complex cases? Michele Boffano (Torino, Italy)
- The pararectus approach: a versatile option in pelvic musculoskeletal oncology surgery, Christophe Kurze (Bern, Switzerland)

18:15-18:35 LA BAULE SARCOMA FORUM

Sarcomas in court, Robert Grimer (Birmingham, United Kingdom)

18:40-19:00 General Assembly

20:00 EMSOS dinner at Saint-Nazaire’s submarine base

08:30-13:10 NURSE AND ALLIED PROFESSIONS PROGRAM

Chair: Lin Russell (Birmingham, United Kingdom) & Petra Veldman (The Netherlands)

08:30 Welcome and opening remarks

08:40 Quality of life in children and adolescents after lower extremity bone tumour surgery, Peter Bekkering (Leiden, The Netherlands)

09:05 Quality of care: methods to improve patients participation and personalized healthcare, Petra Veldman (The Netherlands)

09:20 Treatment of pain in pediatric oncology - Still a challenge, Susanne Berthold (Stuttgart, Germany)

09:35 Can a better communication reduce pain and anxiety level in amputees for bone and soft tissue sarcomas? Ranieri Martinelli (Torino, Italy)

09:50 Osseointegration: the experience of 8 patients in Leiden, Nicolette Leijerzaap (Leiden, The Netherlands)

10:05 Osseointegration: the lessons we learned, Dies Boonman (Leiden, The Netherlands)

10:20 Review of nurse led sarcoma follow up clinics, Lin Russell (Birmingham, United Kingdom)

10:35 The role of the nurse in the multidisciplinary team of a sarcoma reference centre, Riccardo Leoni (Torino, Italy)

11:00 Break & exhibition visit

11:30 Campanacci lecture

12:30 Functional ability and physical activity in children and adolescents after lower extremity bone tumour surgery, Peter Bekkering (Leiden, The Netherlands)

12:55 Surgical treatment of tumours of the humerus, Arne Streitburger (Münster, Germany)

13:45 Lunch cocktail & exhibition visit
**DAY 3 / Friday 27th of May**

**08:30-10:05 SESSION 3: PELVIC TUMOURS**

*Plenary Room*

**Chairs:** Lee Jeys (Birmingham, United Kingdom)

**Moderators:** Rob Pollock (London, United Kingdom) & Pietro Ruggieri (Padova, Italy)

**08:30 Overview, Lee Jeys (Birmingham, United Kingdom)**

**08:35 ORAL PRESENTATIONS**

- **Overview, special morning brunch & exhibition & poster visit**
  - Overview, Moderator: Rob Pollock

**SESSION 4: TARGETED THERAPY**

**Genetics of Ewing sarcoma and related small round cell tumors, Guest Lecture**
  - Musaev Elmar (Moscow, Russian Federation)

**Mid-term clinical outcome in patients with pelvic peripheral chondrosarcomas,**
  - Ulrich Lenze (Munich, Germany), Giulia Trovarelli (Bologna, Italy), Ruediger Von Eisenhart-Rothe (Munich, Germany)
  - Pietro Ruggieri (Padova, Italy), Andrea Angelini (Bologna, Italy), Andreas F. Mavrogenis (Athens, Greece), & Panayiotis Papagelopoulos (Athens, Greece)

**Management and retrospective analysis of metastatic pelvic bone sarcomas: analysis of 80 cases,**
  - Pietro Ruggieri (Padova, Italy), Andrea Angelini (Bologna, Italy), Andrea F. Mavrogenis (Athens, Greece), Ulrich Lenze (Munich, Germany), Giulia Trovarelli (Bologna, Italy), Ruediger Von Eisenhart-Rothe (Munich, Germany) & Panayiotis Papagelopoulos (Athens, Greece)

**Flash presentations & free communications (Simultaneous sessions)**

**PLENARY ROOM**

- Netrin-1 interference to prevent osteosarcoma progression and metastatic dissemination, Morgane Monchanch (Lyon, France)
- HBP-bound doxorubicin: the promising new therapy for bone cancer, Emmanuelle David (Saint-Herblain, France)
- Role of hypoxic biomarkers in pediatric high grade osteosarcomas*, Natacha Entz-Wêrplé (Strasbourg, France), Christelle Lasthaus (Strasbourg, France), Marie Lizot (Strasbourg, France), Cathy Philippe (Villejuif, France), Bastien Job (Villejuif, France), François Rédo (Nantes, France) et al.
- Denosumab in patients with giant-cell tumour of bone in Norway: results from a nationwide cohort, Kjetil Bye (Oslo, Norway)
- The effect of EGFR or KRAS mutation on survival in non-small cell lung cancer patients with bone metastases, Julie Willeumier (Leiden, The Netherlands)
- Targeting HGF/MET signaling in pediatric osteosarcomas is promising in controlling tumour cell migration, Natacha Entz-Wêrplé (Strasbourg, France)
- Clinical implications of repeated drug monitoring of imatinib in patients with metastatic gastrointestinal stromal tumour, Kjetil Bye (Oslo, Norway)
- Evolution in treatment of locally aggressive giant cell tumour of bone: analysis of 37 cases, Giovanni Beltrami (Florence, Italy)
- Denosumab in treatment of giant cell tumour of bone - first experience, Michel Mahdai (Brno, Czech Republic)
- Denosumab as adjuvant therapy in giant cell tumour of bone: will surgery become obsolete? Sandra Santos (Coimbra, Portugal)

**FLASH PRESENTATIONS**

- Surgery of pelvic chondrosarcoma: a review of 309 cases from three institutions*, Pietro Ruggieri (Padova, Italy), Andrea Angelini (Bologna, Italy), Andrea F. Mavrogenis (Athens, Greece), Ulrich Lenze (Munich, Germany), Giulia Trovarelli (Bologna, Italy), Ruediger Von Eisenhart-Rothe (Munich, Germany) & Panayiotis Papagelopoulos (Athens, Greece)
- Mid-term clinical outcome in patients with pelvic peripheral chondrosarcomas, Robert Van der Wal (Leiden, The Netherlands)
- Risk factors for deep infection after endoprosthetic reconstruction of the pelvis*, Michael Bus (Leiden, The Netherlands), Michael van de Sande (Leiden, The Netherlands), Daniel Kotrtych (Szczecin, Poland), Arne Streitburger (Münster, Germany), Jos Bramer (Amsterdam, The Netherlands), Paul Jutte (Groningen, The Netherlands) et al.
- Survival and functional outcome following a modified “harrington” procedure for advanced metastatic destruction of the acetabulum, Jonathan Ward (Birmingham, United Kingdom)

**10:05-10:45 GUEST LECTURE**

*Plenary Room*

**Genetics of Ewing sarcoma and related small round cell tumors, Olivier Delattre (Paris, France)**

**10:45 Special morning brunch & exhibition & poster visit**

**11:25-12:30 SESSION 4: TARGETED THERAPY**

*Plenary Room*

**Chair:** Stefano Ferrari (Bologna, Italy)

**Moderators:** Stefano Ferrari (Bologna, Italy) & José Casanova (Agueda, Portugal)

**Overview, Stefano Ferrari (Bologna, Italy)**

**11:30 ORAL PRESENTATIONS**

- Bipolar hemiarthroplasty in patients undergoing proximal femoral replacement, Walid Ebeid (Cairo, Egypt)
- Surgical options for the patients with metastatic acetabular tumour, Lee Jeys (Birmingham, United Kingdom)
- Functional outcome following total sacrectomies without spino-pelvic reconstruction, Ottal Segal (Kfar Saba, Israel)
- Pelvic osteosarcoma: are there patterns leading to long-term survival or death sentence? Eric Mascard (Paris, France)
- Is computer navigation of pelvic tumors safer for the patient? Parry Michael (Birmingham, United Kingdom)
- Oncologic outcome following surgery for sacral chordoma: 20 years experience, Musaev Elmar (Moscow, Russian Federation)
- What is the effect of pelvic ring disruption on function and oncological outcome following P1 resection of primary bone sarcoma? Minna Laitinen (Tampere, Finland)
- Management and retrospective analysis of metastatic pelvic bone sarcomas: analysis of 80 cases, Pietro Ruggieri (Padova, Italy)
- Surgery of pelvic chondrosarcomas: a review of 309 cases from three institutions*, Pietro Ruggieri (Padova, Italy), Andrea Angelini (Bologna, Italy), Andrea F. Mavrogenis (Athens, Greece), Ulrich Lenze (Munich, Germany), Giulia Trovarelli (Bologna, Italy), Ruediger Von Eisenhart-Rothe (Munich, Germany) & Panayiotis Papagelopoulos (Athens, Greece)
- Mid-term clinical outcome in patients with pelvic peripheral chondrosarcomas, Robert Van der Wal (Leiden, The Netherlands)
- Risk factors for deep infection after endoprosthetic reconstruction of the pelvis*, Michael Bus (Leiden, The Netherlands), Michael van de Sande (Leiden, The Netherlands), Daniel Kotrtych (Szczecin, Poland), Arne Streitburger (Münster, Germany), Jos Bramer (Amsterdam, The Netherlands), Paul Jutte (Groningen, The Netherlands) et al.
- Survival and functional outcome following a modified “harrington” procedure for advanced metastatic destruction of the acetabulum, Jonathan Ward (Birmingham, United Kingdom)
- Relapsed Ewing sarcoma following inadequate treatment. Could their life and limb still be salvaged? Waild Ebeid (Cairo, Egypt)
- Stage 3 giant cell tumour of bone around the knee: intralesional management Vs. en-block resection. Impact of intraarticular fractures, Camilo Soto (Bogota D.C., Colombia)
- Technique and results in retransplantation of radioalteredized bone tumours with and without fibular augmentation, Alexander Klein (Munich, Germany)
- Limited predictive value of the Spinal Instability Neoplastic Score for spinal instability after evaluation in 110 patients treated with radiotherapy for symptomatic spinal bone metastases, Sander Dijkstra (Leiden, The Netherlands)
- New technique for treatment of bone lesion using 0 arm navigated system, Ortal Segal (Kfar Saba, Israel)
- Long-term functional and radiological outcomes of allograft hip prosthesis composite. A 14 years follow-up study, Gilles Missenard (Le Kremlin-Bicêtre, France)
- Application and survival of growing prostheses of the proximal tibia, Tsagkazis Panagiotis (Birmingham, United Kingdom)
- Bipolar hemiarthroplasty in patients undergoing proximal femoral replacement for a bone tumour, Michaël Bus (Leiden, The Netherlands)

* Multicenter trial.
### FINAL SCIENTIFIC PROGRAM

**DAY 3 / Friday 27th of May**

- Conditional survival of patients with soft tissue sarcoma (STS) after curative resection, Joanna Szakendra (Graz, Austria)
- Skeletal reconstruction for bone sarcomas in children: what’s new? Analysis of primary Implants in the last twenty years at Rizzoli Institute, Marco Manfrini (Bologna, Italy)
- Alveolar soft part sarcoma of the extremities: important role for surgery despite high incidence of metastatic disease in a series of 21 patients, Bahatin Aidin (Birmingham, United Kingdom)
- Proximal femur reconstruction with allograft-prosthetic composite after tumour resection: a review of 29 cases, Giovanni Beltrami (Florence, Italy)
- Variation in management of metastatic humeral fractures*, Stein Janssen (Amsterdam, The Netherlands), Jos Bramer (Amsterdam, The Netherlands), Thierry Guillon (Groningen, The Netherlands), Francis Hornicek (Boston, United States of America) & Joseph Schwab (Bostan, United States of America)
- Results of segmental reconstruction of the femur with diaphyseal implant, Burkhard Lehnert (Heidelberg, Germany)
- Carbon ion radiotherapy in patients with sacral bone tumours*, Maria Rosaria Fiore (Pavia, Italy), Roberto Orecchia (Pavia, Italy), Francesca Valvo (Pavia, Italy), Mariangela Novello (Rome, Italy), Viviana Vitolo (Pavia, Italy), Barbara Vischioni (Pavia, Italy) et al.
- Patient specific instrumentatation for resection of pelvic tumour; clinical, pathological and imaging evaluation, François Gouin (Nantes, France)
- Single step pelvic reconstruction after complex tumour resection with a patient-matched 3D-printed trabecular titanium implant – A case report, Christophe Kurze (Bern, Switzerland)

### FREE COMMUNICATIONS 5

**OREAUX BAGUENAUD ROOM**

**Moderators:** David Blau (Paris, France) & Piero Picci (Bologna, Italy)

- Bone Marrow Biopsy in initial staging of Ewing sarcoma: experience from a single Institution, Marilena Cesari (Bologna, Italy)
- Prognostic impact of treatment delays in Ewing sarcoma (EWS) in the Euro-EWING99 trial*, Dimosthenis Andreou (Münster, Germany), Andreas Leitner (Graz, Austria), Michael Paulussen (Dortrecht, Germany), Arne Streitbürger (Münster, Germany), Beate Timmermann (Essen, Germany) & Per-Ulf Tunn (Berlin, Germany)
- Long-term outcome in patients with pelvic Ewing sarcomas, Andreas Ranft (Münster, Germany)
- The value of percutaneous biopsy in the approach to musculoskeletal tumours, Pedro Cardoso (Porto, Portugal)
- Evaluation of the diagnostic accuracy of open versus closed image-guided biopsies in musculoskeletal lesions. A retrospective review of 1149 biopsies performed on 1048 patients, Kyriakos Papavasiliou (Thessaloniki, Greece)
- Biopsy track seeding: histopathological confirmation and relevance in clinical practice, Irene Barriertes-Ruiz (Madrid, Spain)
- Rotationplasty in today’s era: Does it have a role?, Ajay Puri (Mumbai, India)
- Endoprosthetic intercalary bone reconstruction in the lower extremity after tumour resection in children and adolescence: still a challenging surgical procedure, Arne Streitbürger (Münster, Germany)
- Extracorporeal irradiated bone in limb salvage surgery: a useful biological option, Suman Byregowda (Mumbai, India)
- Vascularised fibular epiphysal transfer for proximal humeral resections for primary bone sarcomas in children, Jonathan Stevenson (Birmingham, United Kingdom)
- Routes to diagnosis for sarcoma patients, Hodir Bujvarp Dysrap (Kaarhu, Denmark)
- Risk factors of symptomatic venous thromboembolism in sarcoma patients: a Japanese prospective multicenter study*, Shintaro Iwata (Chiba, Japan), Yoshiyuki Suehara (Tokyo, Japan), Hiroaki Hiraga (Sapporo, Japan) et al.

### SOCIAL PROGRAM

**Wednesday 25th of May - WELCOME RECEPTION - 18:45**

At the end of the training day, we would like to invite you for a welcome reception on the top terrace of the Congress Center Atlantia (level 2) for food and drinks.

Network with participants and enjoy the local cuisine during this aperitive cocktail.

**Thursday 26th of May - EMSOS DINNER - 20:00**

On the very spot where ocean liners used to moor alongside Saint-Nazaire’s quays, inside the former submarine base, Escal’Atlantic offers you a unique experience and the discovery of the world of legendary liners. More than 1.2 million visitors have already visited this venue which is unique in Europe.

Private shuttles will take you to the dinner venue and will drop you off back to your hotels, in front of the Congress Center.

**Friday 27th of May - EMSOS BEACH SOCIAL AFTERNOON & EMSOS REGATTA - 16:00**

At the end of the meeting, we are pleased to invite you for a beach party. You will be able to choose among a wide choice of sporting and recreational activities: beach soccer, beach volley ball, paddle boarding, kayaking... And if you feel like sailing, you will be able to participate to the friendly EMSOS regatta. Then we will follow up with cocktails on the beach...

*You must be registered if you wish to participate to this social program, so please make sure you are registered at the welcome desk.

### GENERAL INFORMATION

**CONGRESS CENTER OPENING HOURS**

- **Wednesday 25th of May:** 07:00-23:00
- **Thursday 26th of May:** 07:00-21:00
- **Friday 27th of May:** 08:00-19:00

**BADGES**

Participants should collect their name badge from the Meeting registration desk.

Your personal badge is your entry ticket to all sessions and meeting areas. Please remember to wear your badge at all times. If you lose your badge, a new one can be purchased from the registration desk.

**FREE SHUTTLE SERVICE**

You can use the free shuttle service to go back to the train station or the airport.

**DEPARTURES FROM CONGRESS CENTER**

- **Friday 27th of May:**
  - 11:00 | 13:00 | 15:30 | 17:00

**Arriving time at the train station:**

- 12:20 | 14:20 | 16:50 | 18:20

**Arriving time at the airport:**

- 13:30 | 15:30 | 18:00 | 19:30

*Please note that seats are limited, shuttles have a seating capacity of 54 and therefore we strongly encourage you to book your seat as soon as you arrive at the registration desk.*
EMSOS 2016 - 29TH ANNUAL MEETING OF THE
EUROPEAN MUSCULO-SKELETAL ONCOLOGY SOCIETY
17TH EMSOS NURSE AND ALLIED PROFESSIONS GROUP MEETING

2016
25th, 26th, 27th May
La Baule
Congress Center Atlantia
FRANCE

CONGRESS VENUE
Congress Center Atlantia
119, avenue du Maréchal de Lattre de Tassigny
44500 La Baule Escoublac
France
Tel.: +33 (0)2 40 11 51 51

ORGANISATION
Benjamin Richier
Com&Co, 15, Bd Grawitz
13016 Marseille, France
brichier@comnco.com
Tel.: +33 (0)7 77 91 00 65

WWW.EMSOS2016.COM