ISS2025

51ST ANNUAL CONFERENCE
September 14 - 19, 2025
EPIC SANA Lisboa Hotel • Lisbon, Portugal

2025 ONE-DAY ISS INTERDISCIPLINARY MUSCULOSKELETAL COURSE

OUT OF THIS WORLD, STATE-OF-THE-ART

SUNDAY, SEPTEMBER 14 | **MORUS II-III (FLOOR -1, LOWER LEVEL)**

Course Directors and Moderators: *Julie C. Fanburg-Smith, MD, FCAP, Carol D. Morris, MD, MS, Mark D. Murphey, MD*

7:30 am - 8:00 am	**Registration and Coffee**

I. INTRODUCTION AND STATE-OF-THE-ART UPDATES TO MSK SUBSPECIALTIES FOR OTHER SUBSPECIALTIES

Moderators: Julie C. Fanburg-Smith, MD, FCAP, Carol D. Morris, MD, MS, Mark D. Murphey, MD

8:00 am – 8:05 am	**Introduction to the ISS Rad-Path-Surg Course** *Julie C. Fanburg-Smith, MD, FCAP, Carol D. Morris, MD, MS, Mark D. Murphey, MD*
8:05 am – 8:20 am	**State-of-the-Art Updates in Musculoskeletal Radiology** *Wendy Brown, MD – (Radiologist) Doug Hanly Moir, Australia*
8:20 am – 8:35 am	**State-of-the-Art Updates in Musculoskeletal Pathology** *Carina Dehner, MD – (Pathologist) Indiana University, Bloomington, IN, USA*
8:35 am – 8:50 am	**State-of-the-Art Updates in Oncologic Orthopedic Surgery** *Shachar Kenan, MD – (Orthopedic Surgeon) Northwell Hospital, Long Island, NY, USA*
8:50 am – 9:00 am	**Q&A**

II. NON-NEOPLASTIC

Moderators: John Reith, MD, Edward DiCarlo, MD

9:00 am – 9:25 am	**Updates on Amyloid** *John Reith, MD – (Pathologist) Cleveland Clinic, OH, USA*
9:25 am – 9:50 am	**Updates on Wear Debris** *Edward DiCarlo, MD – (Pathologist) Hospital for Special Surgery, New York, NY, USA*
9:50 am – 10:00 am	**Q&A**
10:00 am – 10:30 am	**BREAK**

III. HOT TOPICS

Moderators: Bharat Rekhi, MD, Meera Hameed, MD

10:30 am – 10:45 am	***EWSR1::SS18* Gene Fusions!** *David Suster, MD – (Pathologist) Rutgers University, Newark, NJ, USA*
10:45 am – 11:00 am	***FET::CREB* Associated Neoplasms with Updates** *Bharat Rekhi, MD – (Pathologist) Tata Memorial Centre, Mumbai, India*
11:00 am – 11:15 am	**Molecular Updates on De-differentiated Chondrosarcoma** *Meera Hameed, MD – (Pathologist) Memorial Sloan Kettering, New York, NY, USA*
11:15 am – 11:30 am	**Updates on Methylation Profiling** *Daniel Baumhoer, MD – (Pathologist) University Hospital Basel, Basel, Switzerland*
11:30 am – 11:50 am	**New Name, Same Entity?: FN1: Chondroid Synoviocytic Neoplasm versus Soft Tissue Chondroma versus Chondroid Tenosynovial Giant Cell Tumor versus Chondrogranulomatous CPPD versus Calcified Chondroid Mesenchymal Neoplasm** *John Gross, MD – (Pathologist) Johns Hopkins Hospital, Baltimore, MD, USA*
11:50 am – 12:00 pm	**Q&A**
12:00 pm – 1:00 pm	**LUNCH ON YOUR OWN**

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IV. INTERDISCIPLINARY TUMOR BOARD AND MUSCULOSKELETAL CONSIDERATIONS

Moderators: Yoshinao Oda, MD, Paul O'Donnell, MD, Adam Levin, MD

1:00 pm – 1:20 pm	**Tumor Board: Conundrums of Intermediate Bone Tumors: The Fine Line Between Benign and Malignant** Carol D. Morris, MD, MS – *(Orthopedic Surgeon) Memorial Sloan Kettering, New York, NY, USA* Mark D. Murphey, MD – *(Radiologist) AIRP, Silver Spring, Maryland, USA* Julie C. Fanburg-Smith, MD, FCAP – *(Pathologist) University of Virginia, Charlottesville, VA, USA*
1:20 pm – 1:40 pm	**Epithelioid Mesenchymal Tumors with SMARCB1 Alteration** Takatoshi Aoki, MD, PhD – *(Radiologist) University of Environmental and Occupational Health, Kitakyushu, Japan* Yoshinao Oda, MD, PhD – *(Pathologist) Kyushu University, Fukuoka, Japan* Jun Nishida, MD – *(Orthopedic Surgeon) Tokyo Medical University, Tokyo, Japan*
1:40 pm – 2:00 pm	**Unmasking Fibro-Osseous Lesions: From the Common to the Challenging** Fernanda Amary, MD, PhD – *(Pathologist) Royal National Orthopaedic Hospital, Stanmore, UC London, United Kingdom* Paul O'Donnell, MBBS, FRCP, FRCR – *(Radiologist) Royal National Orthopaedic Hospital, Stanmore, UC London, United Kingdom*
2:00 pm – 2:20 pm	**Langerhans Cell Histiocytosis – A Histiocytic/Dendritic (Fibroblastic Reticulum) Tumor?** Nogah Haramati, MD – *(Radiologist) Montefiore Hospital, Bronx, NY, USA* Roberto Garcia, MD – *(Pathologist) Hospital for Special Surgery, New York, NY, USA*
2:20 pm – 2:40 pm	**Updates on Nerve Sheath** Laura Fayad, MD – *(Radiologist) Johns Hopkins Hospital, Baltimore, MD, USA* John Gross, MD – *(Pathologist) Johns Hopkins Hospital, Baltimore, MD, USA* Adam Levin, MD – *(Orthopedic Surgeon) Johns Hopkins Hospital, Baltimore, MD, USA*
2:40 pm – 3:05 pm	**Chondrosarcoma and Precursor Lesions – A Tale of Biological Progression** Andrew Rosenberg, MD – *(Pathologist) University of Miami, Miami, FL, USA* Ty Subhawong, MD – *(Radiologist) University of Miami, Miami, FL, USA*
3:05 pm – 3:15 pm	**Q&A**