



BERLIN, GERMANY

ONE-DAY INTERDISCIPLINARY BONE COURSE

FOR PATHOLOGISTS, RADIOLOGISTS, ONCOLOGISTS, AND SURGEONS: ORTHOPEDIC PATHOLOGY, MUSCULOSKELETAL RADIOLOGY, AND ONCOLOGIC ORTHOPEDIC SURGERY CORRELATION:

REGISTER ONLINE

internationalskeletalsociety.com

COURSE DIRECTORS

Dr. Julie C. Fanburg-Smith Orthopedic and Soft Tissue Pathology

Dr. Mark D. Murphey Musculoskeletal Radiology

Dr. Franklin H. Sim Orthopedic Oncologic Surgery

7:00 – 8:00

REGISTRATION: Potsdam Foyer

8:00 – 16:00 **MEETING:** Charlottenburg Room

PART 1

BENIGN BONE AND JOINTS AND BEYOND

MODERATORS Dr. Julie C. Fanburg-Smith, Dr. Franklin H. Sim, Dr. Mark D. Murphey

8:00 - 8:20

Update Healthy Bone Matrix and Specific Progenitor Cell Lines including Plasma Cells and Histiocytes **Dr. Julie C. Fanburg-Smith**

8:20 - 8:35

How Radiology Can Help the Pathologist in the Interpretation of Infectious (CRMO/CNO), Crystal Deposition, and Notochord Rest
Dr. Mark D. Murphey

8:35 - 8:50

Pathological Aspects of CRMO and CNO **Dr. S. Fiona Bonar**

8:50 - 9:10

Pathology of the Diarthrodial Joints -Osteoarthritis **Dr. Edward DiCarlo**

9:10 - 9:30

Crystal Deposition Disease **Dr. Michael Klein**

9:30 - 9:45

Update: Progression of Notochord to Tumor **Dr. G. Petur Nielsen**

9:45 – 10:00

BREAK

PART 2

BONE AND CARTILAGE-FORMING TUMORS

MODERATORS Dr. Franklin H. Sim, Dr. Mark D. Murphey, Dr. Daniel Baumhoer, Dr. Julie C. Fanburg-Smith, Dr. Jendrik Harges

10:00 - 11:00

Osteosarcoma Update from the German-Speaking Perspective: Challenges Today Associated with Radiologic-Pathologic Diagnosis and Treatment **Dr. Jendrik Harges, Dr. Daniel Baumhoer, Dr. Anna Christina Hirschmann**

11:00 - 12:00

Chondrosarcoma Cases from the English-Speaking Perspective: Challenges Today Associated with Radiologic-Pathologic Diagnosis and Treatment **Dr. Franklin H. Sim, Dr. Doris Wenger, Dr. Carrie Inwards**

12:00 - 12:15

Discussion

12:15 – 13:45

LUNCH (on your own)

PART 3

HOT TOPICS: RAPID FIRE, WHAT IS NEW IN BONE?

MODERATORS Dr. Mark D. Murphey, Dr. Franklin H. Sim, Dr. Julie C. Fanburg-Smith, Dr. Anna Hirschmann, Dr. Andrew Rosenberg

13:45 - 14:00

Morphologic and Molecular Update in Epithelioid Hemangioma, Pseudomyogenic Hemangioendothelioma and Epithelioid Hemangioendothelioma of Bone **Dr Andrew Rosenberg**

14:00 – 14:15

Update in Treatment of Pseudomyogenic Hemangioendothelioma and Epithelioid Hemangioendothelioma of Bone **Dr. Francis Hornicek**

14:15 – 14:30

Quick Update: Pathology and Radiology of Mesenchymal CHSA **Dr. Meera Hameed and Dr. Sinchun Hwang**

14:30 – 14:45

Update in Treatment of Mesenchymal Chondrosarcoma **Dr. Carol Morris**

14:45 – 15:00

Osteomalacia – How Do We Tetracycline Label and Read Osteoid Seams? **Dr. Edward McCarthy**

15:00 – 15:15

Discussion of Surgical Management of Aggressive Histiocytic Lesions (Solitary Langerhans, Deep Aggressive Juvenile Xanthogranuloma - Childhood Spectrum of Erdheim-Chester, all BRAF Positive) **Dr. Mark Gebhardt**

15:15 – 15:25

Plasma Cell Myeloma and Amyloid **Dr. Murali Sundaram**

15:25 – 15:30

Amyloid Pathology **Dr. Edward McCarthy**

15:30 – 15:40

Update in Latest Technique in Orthopaedic Oncology of Primary Undifferentiated Pleomorphic Sarcoma and Leiomyosarcoma of Bone
Dr. John Healey

15:40 – 16:00

Newest Molecular in Bone **Dr. Frederique Larousserie**