

# MUSCULOSKELETAL ONCOLOGY COURSE

September 18-20, 2023

PADOVA ITALY



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

A Course of  
Department of Orthopedics  
and Orthopedic Oncology  
DISCOG

## Course Directors

**Pietro Ruggieri**

MD, PhD - Padova, Italy

**Andreas Leithner**

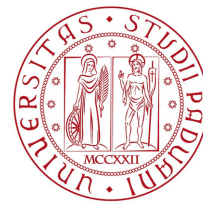
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# MUSCULOSKELETAL ONCOLOGY COURSE



UNIVERSITÀ  
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*This is the sixth edition of the Musculoskeletal Oncology Course of the University of Padua. It has been organized by the Department of Orthopedics and Orthopedic Oncology of the University of Padua in close cooperation with the other Universities of the International Faculty. Based on a few years' experience of some faculty members with other Oncology Courses, such as the Moffitt Cancer Center Course, the Rizzoli Course, the Oxford Course and the European Course of Budapest Semmelweis University, our Course is aimed to offer a review and update of the knowledge in musculoskeletal oncology and more specifically to provide basic information on clinical features, imaging, pathology and principles of treatment of the bone and soft tissues tumors and pseudotumoral lesions. It is a short but comprehensive Course, addressed to residents and young doctors (orthopedic surgeons, radiologists, pathologist and medical oncologists) who are wishing to start their activity or are already involved in the field of musculoskeletal oncology, in order to refresh or widen their knowledge. This Course is designed to be fairly interactive, with wide space dedicated to case discussion and questions. Our faculty includes very prestigious names in musculoskeletal oncology, with different specialties represented: orthopedic surgery of course, as well as pathology, radiology and medical oncology. We hope that this Course will be both useful and pleasant for all participants.*

The Course Directors: **Pietro Ruggieri & Andreas Leithner**

Scientific Secretary and Secretary of the Scientific Center for Research on Musculoskeletal Tumors "Mario Mercuri" of University of Padua: **Dr. Anna Breda**

## FACULTY

### Course Directors

**Pietro Ruggieri, MD, PhD - Padova, Italy**  
**Andreas Leithner, MD - Graz, Austria**

**Andrea Angelini, MD, PhD - Padova, Italy**  
**Antonio Berizzi, MD - Padova, Italy**  
**Antonella Brunello, MD, PhD - Padova, Italy**  
**Giovanni Baldin, MD - Padova, Italy**  
**Mariachiara Cerchiaro, MD - Padova, Italy**  
**Marco Cianchetti, MD - Trento, Italy**  
**Alberto Crimi, MD - Padova, Italy**  
**Giorgio De Conti, MD - Padova, Italy**  
**Angelo Paolo Dei Tos, MD - Padova, Italy**  
**Francis Hornicek, MD, PhD - Miami, Florida, Stati Uniti**  
**Andreas Leithner, MD - Graz, Austria**  
**Giulio Maccauro, MD, PhD - Roma, Italy**  
**Eduardo Ortiz-Cruz, MD - Madrid, Spain**  
**Elisa Pagliarini, MD - Padova, Italy**  
**Elisa Pala, MD PhD - Padova, Italy**  
**Panayiotis Papagelopoulos, MD - Athens, Greece**  
**Michele Piazza, MD - Padova, Italy**  
**Marta Sbaraglia, MD - Padova, Italy**  
**Cesare Tiengo, MD, PhD - Padova, Italy**  
**Giulia Trovarelli, MD PhD - Padova, Italy**

## Under the auspices of



## SPECIAL GUESTS

**Ivan Bohacek, MD - Zagreb, Croatia**  
**Giorgi Loria, MD - Tbilisi, Georgia**  
**Luisa Paganini, MD - Sao Paulo, Brazil**  
**Vanna Scapin, MD - Padova, Italy**

*Un ringraziamento particolare al  
Colonnello Sergio Garofalo per la gentile  
ospitalità presso il Dipartimento Militare  
di Medicina Legale di Padova da lui diretto*

# Monday, September 18, 2023

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12:00-13:00 Registration / Check-In

13:00-13:15 Welcome

**Pietro Ruggieri, MD, PhD; Andreas Leithner, MD**

Saluto inaugurale

**Michele Tessarin, MD**, Direttore Sanitario Azienda Ospedale - Università Padova

**Francesca Da Porto, MD**, Prorettrice alla Sostenibilità Università di Padova

## Block 1.

## General principles

*Moderators:* **Pietro Ruggieri, MD, PhD; Antonio Berizzi, MD**

13:15-13:25 MOC Courses over the World

**Andrea Angelini, MD, PhD**

13:25-13:45 Staging of Musculoskeletal Tumors and Surgical Margins

**Giulia Trovarelli, MD, PhD**

13:45-14:05 Principles of Bone Tumor Pathology

**Angelo Paolo Dei Tos, MD; Marta Sbaraglia, MD**

14:05-14:25 Biopsy Techniques

**Andreas Leithner, MD**

**14:25-15:30 Lunch**

## Block 2.

## Tumor-like Lesions and Benign Bone Tumors

*Moderators:* **Andrea Angelini, MD, PhD; Francis Hornicek, MD, PhD**

15:30-15:45 Leave me alone lesions: Histiocytic Fibroma, Fibrous Dysplasia, Eosinophilic granuloma, Unicameral Bone Cyst

**Pietro Ruggieri, MD, PhD**

15:45-16:00 Giant cell Tumor of Bone

**Elisa Pala, MD, PhD**

16:00-16:15 Osteoid Osteoma, Osteoblastoma, Aneurysmal Bone Cyst

**Andreas Leithner, MD**

16:15-16:30 Enchondroma, Osteochondroma, Chondroblastoma

**Alberto Crimi, MD**

16:30-17:00 Interactive Case Presentations: Benign Lesions

*Moderators:* **Francis Hornicek, MD, PhD, Giorgio De Conti, MD, Andreas Leithner, MD**

*Speakers:* **Mariachiara Cerchiaro, MD; Elisa Pagliarini, MD; Vanna Scapin, MD**

**Block 3.****Primary Malignant Bone Tumor**

*Moderators:* **Luisa Paganini, MD - Andreas Leithner, MD**

17:30-17:45 Malignant Bone Forming Tumors  
**Pietro Ruggieri, MD, PhD**

17:45-18:00 Malignant Cartilage Forming Tumors  
**Andrea Angelini, MD, PhD**

18:00-18:15 Small Round Blue Cell Tumors of Bone  
**Panayiotis Papagelopoulos, MD PhD**

18:15-18:45 Interactive Case Presentations and Comments: Ex Fellows “spot”  
*Moderators:* **Luisa Paganini, MD - Antonio Berizzi, MD**  
*Speakers:* **Luisa Paganini MD; Ivan Bohacek, MD; Giorgi Loria, MD**

**20:30**     *Social Dinner*

### Block 4.

### Soft Tissue Tumors, Bone Metastases & Metabolic Bone Disease

*Moderators: Andreas Leithner, MD - Panayiotis Papagelopoulos, MD, PhD*

08:30-08:50 Principles of Soft Tissue Tumors Pathology  
**Angelo Paolo Dei Tos, MD, PhD; Marta Sbaraglia, MD**

08:50-09:10 Benign Soft Tissue Tumors: diagnosis and treatment  
**Panayiotis Papagelopoulos, MD, PhD**

09:10-09:30 Malignant Soft Tissue Tumors: diagnosis and treatment  
**Francis Hornicek, MD, PhD**

*Moderators: Giulia Trovarelli, MD PhD; Francis Hornicek, MD, PhD*

09:30-09:50 Metastatic Tumors of Bone: diagnosis and principles of treatment  
**Andreas Leithner, MD**

09:50-10:10 Metabolic bone disease  
**Elisa Pala, MD PhD**

10:10-10:30 Interactive Case Presentations and Comments: Ex Fellows "spot"  
*Moderators: Francis Hornicek, MD, PhD - Alberto Crimi, MD*  
*Speakers: Luisa Paganini MD; Ivan Bohacek, MD; Giorgi Loria, MD*

**11:00-11.30 Coffee Break**

*Moderators: Ivan Bohacek, MD; Eduardo Ortiz-Cruz, MD*

11:30-11:50 Techniques of plastic surgery in musculoskeletal oncology  
**Cesare Tiengo, MD, PhD**

11:50-12:10 Vascular reconstructions in Musculoskeletal Oncology  
**Michele Piazza, MD**

12:10-12:30 Oncologic Surgery in elderly patients  
**Giulio Maccauro, MD, PhD**

12:30-12:40 Multidisciplinarity: a need in modern orthopedic oncology  
**Eduardo Ortiz-Cruz, MD**

12:40-13-10 Modern imaging in musculoskeletal oncology  
**Giorgio De Conti, MD**

**20:30 Faculty Dinner**

## Block 5.

## Surgical Techniques and Other Treatments

*Moderators:* **Pietro Ruggieri, MD, PhD; Andreas Angelini, MD**

08:00-08:30 Prosthetic Reconstructions in Musculoskeletal Oncology  
**Pietro Ruggieri, MD, PhD**

08:30-09:00 Surgery of Pelvic Tumors  
**Eduardo Ortiz-Cruz, MD**

09:00-09:30 Surgery of Spine Tumors  
**Panayiotis Papagelopoulos, MD, PhD**

09:30-10:00 Surgery of Sacral Tumors  
**Francis Hornicek, MD, PhD**

*Moderators:* **Andreas Leithner, MD; Francis Hornicek, MD, PhD**

10:00-10:30 Principles of Chemotherapy of Bone and Soft Tissue Sarcoma  
**Antonella Brunello, MD, PhD**

10:30-11:00 The role of “particles” radiation therapy for sarcomas  
**Marco Cianchetti, MD**

11:00-11:30 Presentation of Unknown Cases  
*Moderator:* **Andreas Leithner, MD; Giorgi Loria, MD**  
*Speakers:* **Giovanni Baldin, MD; Elisa Pagliarini, MD; Mariachiara Cerchiaro, MD; Eduardo Ortiz-Cruz, MD**

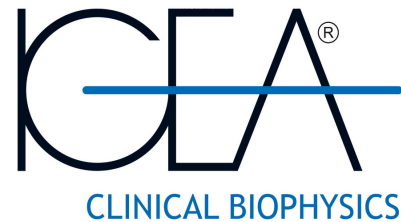
11:30

Closing remarks

**Andreas Leithner, MD; Pietro Ruggieri, MD, PhD**

## Sponsor

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## General Informations

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### **COURSE VENUE:**

**Dipartimento Militare di Medicina Legale di Padova**

Via S. Giovanni di Verdara, 123, 35137 Padova - PD

### **REGISTRATION FEES:**

**Early Regular** (until 30th June): € 370,00 (*vat included*)

**Late Regular** (from 1st July): € 425,00 (*vat included*)

**Residents with Chair certificate:** € 250,00 (*vat included*)

**AISOT Registration:** € 200,00 (*vat included*)

**Social Dinner:** € 55,00 (*vat included*)

### **CERTIFICATE OF ATTENDANCE:**

All attendees will receive a certificate of attendance the day after the Course

### **FURTHER INFORMATION:**

Visit: <https://www.lcfcongress.com/eventi/moc-padova-2023>





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1. **Roche C et al.** Impact Of Inferior Glenoid Tilt, Humeral Retroversion and Bone Grafting on Muscle Length and Deltoid Wrapping in Reverse Shoulder Arthroplasty. Bulletin of Hospital for Joint Diseases. Vol. 71(4):284-93. 2013.

2. **Roche C et al.** Biomechanical Summary of Reverse Shoulder Arthroplasty. Animation. AAOS Orthopaedic Video Theater. OVT-34. 2015.

3. **Hamilton M et al.** Effect of Reverse Shoulder Design Philosophy on Muscle Moment Arms. J Orthop Res. Apr;33(4):605-13. 2015.



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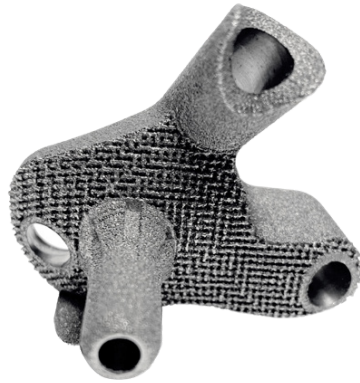
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