

# MUSCULOSKELETAL ONCOLOGY COURSE

October 24-26, 2022

PADOVA ITALY

1222 · 2022  
**800**  
ANNI



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

A Course of  
Department of Orthopedics  
and Orthopedic Oncology

## Course Directors

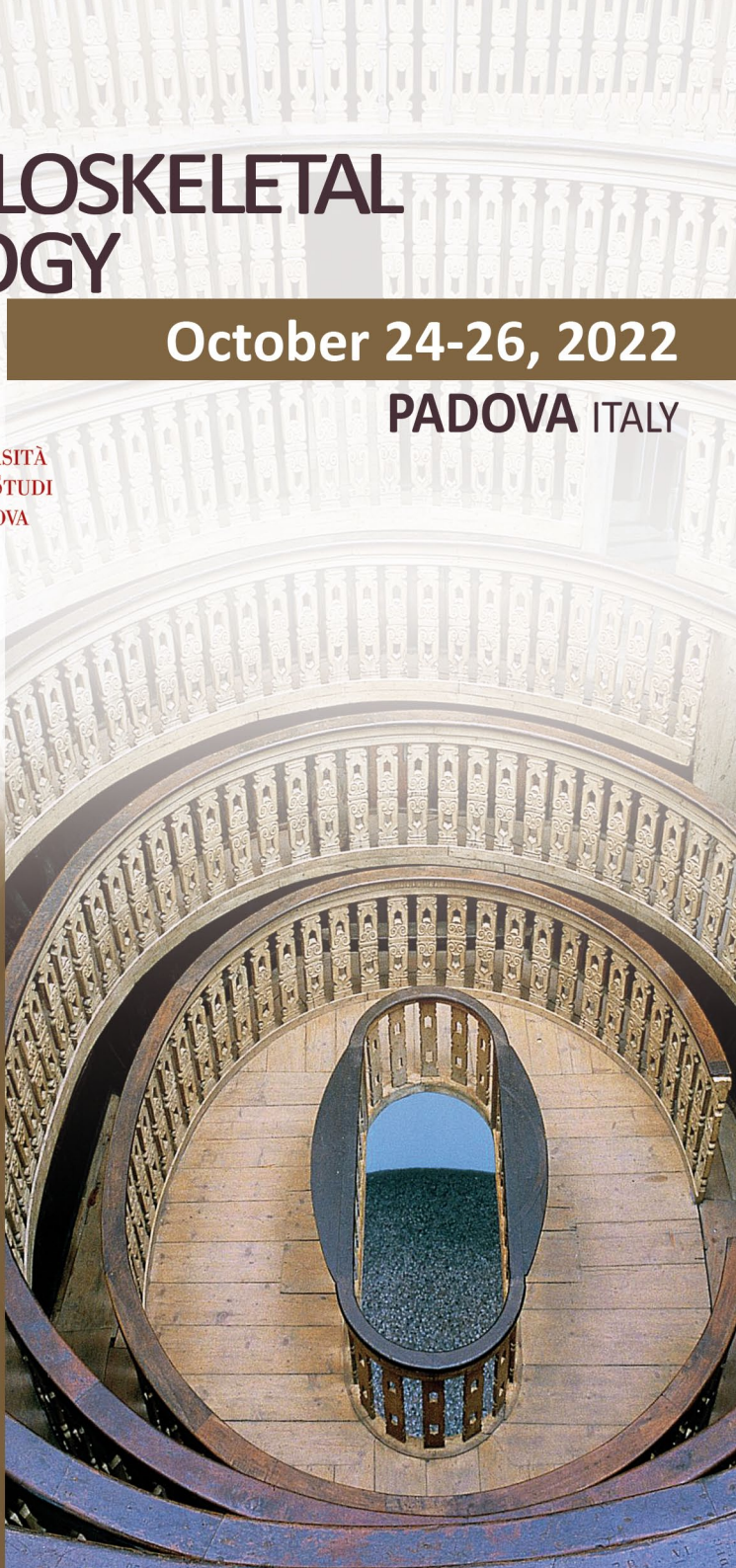
**Pietro Ruggieri**

MD, PhD - Padova, Italy

**Andreas Leithner**

MD, Graz, Austria

## PROGRAM



# MUSCULOSKELETAL ONCOLOGY COURSE

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**PADOVA, ITALY**

*This is the fifth 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

Under the auspices of

### COURSE DIRECTORS

**Pietro Ruggieri, MD, PhD** – Padova, Italy

**Andreas Leithner, MD** – Graz, Austria

**Andrea Angelini, MD, PhD** – Padova, Italy

**Antonella Brunello, MD, PhD** – Padova, Italy

**Maria Chiara Cerchiaro, MD** – Padova, Italy

**Marco Cianchetti, MD** – Trento, Italy

**Angelo Paolo Dei Tos, MD** – Padova, Italy

**Francis Hornicek, MD, PhD** – Boston, MA, USA

**Andreas Leithner, MD** – Graz, Austria

**Douglas G. Letson, MD** – Tampa, FL, USA

**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

**Cesare Tiengo, MD, PhD** – Padova, Italy

**Giulia Trovarelli, MD PhD** – Padova, Italy



**ISOLS**  
International Society  
Of Limb Salvage

## Special Guests

**Ivan Bohacek, MD** – Zagreb, Croatia

**Giorgi Loria, MD** – Tbilisi, Georgia

Monday  
October 24, 2022

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

13:00-13:15 Welcome  
**Pietro Ruggieri, MD, PhD; Andreas Leithner, MD**

## Block 1. General Principles

*Moderator: Douglas G. Letson, MD*

13:15-13:25 MOC Courses over the World  
**Douglas G. Letson, MD**

13:25-13:45 Staging of Musculoskeletal Tumors and Surgical Margins  
**Pietro Ruggieri, MD, PhD**

13:45-14:05 Principles of Bone Tumor Pathology  
**Angelo Paolo Dei Tos, MD**

14:05-14:25 Biopsy Techniques  
**Andreas Leithner, MD**

14:25-15:30 *Lunch*

## Block 2. Tumor-like Lesions and Benign Bone Tumors

*Moderator: Andrea Angelini, 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  
**Giulia Trovarelli, MD, PhD**

16:30-17:00 Case Presentations: Benign Lesions  
*Moderator: Francis Hornicek, MD, PhD*  
**Andreas Leithner, MD; Maria Chiara Cerchiaro, MD; Giulia Trovarelli, MD, PhD**

17:00-17:30 *Coffee Break*

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**Block 3. Primary Malignant Bone Tumor**

*Moderator: Pietro Ruggieri, MD, PhD*

17:30-17:45 Malignant Bone Forming Tumors  
**Andrea Angelini, MD, PhD**

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17:45-18:00 Malignant Cartilage Forming Tumors  
**Douglas G. Letson, MD**

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

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18:15-18:45 Case Presentations

*Moderator: Douglas G. Letson, MD*

**Francis Hornicek, MD, PhD; Elisa Pala, MD, PhD; Elisa Pagliarini, MD**

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**20:30 Faculty Dinner**

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Tuesday  
October 25, 2022

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8<sup>th</sup>  
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## Block 4.

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

*Moderator: Panayiotis Papagelopoulos, MD, PhD*

08:30-08:50 Principles of Soft Tissue Tumors Pathology  
**Angelo Paolo Dei Tos, 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**

### 09:30-10:00 *Coffee Break*

*Moderator: Francis Hornicek, MD, PhD*

10:00-10:20 Metastatic Tumors of Bone: diagnosis and principles of treatment  
**Andreas Leithner, MD**

10:20-10:40 Metabolic bone disease  
**Douglas G. Letson, MD**

10:40-11:40 Case presentations

*Moderator: Francis Hornicek, MD, PhD*

**Douglas G. Letson, MD; Elisa Pala, MD, PhD; Andrea Angelini, MD, PhD;  
Elisa Pagliarini, MD**

### 11:45-13:00 *Lunch*

*Moderator: Eduardo Ortiz-Cruz, MD*

13:00-13:20 Techniques of plastic surgery in musculoskeletal oncology  
**Cesare Tiengo, MD, PhD**

13:20-13:40 Vascular reconstructions in Musculoskeletal Oncology  
**Michele Piazza, MD**

13:40-14:00 Oncologic Surgery in elderly patients  
**Giulio Maccauro, MD, PhD**

14:00-14:20 Multidisciplinarity: a need in modern orthopedic oncology  
**Eduardo Ortiz-Cruz, MD**

19:30 *Meeting point: Lobby of the Hotel for transfer to the dinner*

20:30 *Social Dinner*

Wednesday  
October 26, 2022

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**Block 5.**

**Surgical Techniques and Other Treatments**

*Moderator: Pietro Ruggieri, MD, PhD*

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

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

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

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

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*Moderator: Douglas G. Letson, MD*

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

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

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11:00-11:30 Presentation of Unknown Cases  
*Moderator: Andreas Leithner, MD*  
**Giulia Trovarelli, MD, PhD; Maria Chiara Cerchiaro, MD;**  
**Eduardo Ortiz-Cruz, MD**

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11:30 Closing remarks  
**Andreas Leithner, MD; Pietro Ruggieri, MD, PhD**

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**COURSE VENUE**

**Orto botanico e Villa Parco Bolasco**

Università degli Studi di Padova

Via Orto botanico 15 - 35123 Padova

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**REGISTRATION FEES**

**Early regular** (*until July 31<sup>st</sup>*) € **300,00** VAT INCLUDED

**Late regular** (*from August 1<sup>st</sup>*) € **350,00** VAT INCLUDED

**Social dinner** (*October 24*) € **45,00** VAT INCLUDED

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**CERTIFICATE OF ATTENDANCE**

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

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**FURTHER INFORMATION**

<https://adarteventi.com/musculoskeletaloncology2022>

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**ORGANIZING SECRETARIAT**



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