



**UNIMORE**

UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

**JAPAN**

**vs**

**EMILIA  
ROMAGNA**

**Challenges in  
Forensic Sciences Research**

December 16<sup>th</sup>, 2023

**Save** the date

Comparto di San Geminiano  
Via San Geminiano 3  
Modena

December 16<sup>th</sup>, 2023

## ***Programme***

9.00 *Registration*

9.30 *Opening ceremony*

### ***Session 1***

*Chairpersons: Nicola Cucurachi, Margherita Neri*

9.50 *Medico-legal aspect of myoglobin*

Satoru Miyaishi (Okayama - Japan)

10.10 *Morphological and SEM ultrastructural analysis, genetics and toxicology of fly artifacts*

Guido Pelletti (Bologna - Italy)

10.30 *Oxidative Stress Markers in human brain and placenta may reveal the timing of hypoxic-ischemic injury*

Alfieri Letizia (Ferrara- Italy)

10.50 *The diagnostic value of Multiphase post-mortem CT angiography in sudden death: what is the effect on histological investigations?*

Anna Laura Santunione (Modena and Reggio Emilia - Italy)

11.10 *Discussant:*

*Giovanni Cecchetto (Padua - Italy)*

*Elena Giovannini (Bologna - Italy)*

*Maria Grazia Marisei (Naples - Italy)*

11.30 - 12.00 *Coffe break and Poster session*

### ***Session 2***

*Chairpersons: Rossana Cecchi, Susi Pelotti*

12.00 *Application of a biological clock-based method for estimating time of death in forensic practices*

Toshikazu Kondo (Wakayama - Japan)

12.20 *Forensic non-human species ID: relevance and pitfalls in animal and botanical DNA analysis*

Beatrice Corradini (Modena and Reggio Emilia - Italy)

12.40 *Application of Forensic DNA Phenotyping for Prediction of Eye, Hair and Skin Colour in Highly Decomposed Bodies*  
Matteo Fabbri (Ferrara - Italy)

13.00 *Discussant:*

*Massimo Montisci (Padua - Italy)*

*Carlo Robino (Turin - Italy)*

13.20 *Lunch*

### ***Session 3***

*Chairpersons: Matteo Marti, Paolo Fais*

14.30 *Contemporary challenges for forensic toxicologists: actual and potential research strategies of Modena and Reggio Emilia Laboratory*  
Federica Palazzoli (Modena and Reggio Emilia - Italy)

14.50 *Preliminary study on mass spectrometric analysis of rice-derived amino acids in artificial gastric juice for postmortem time estimation*  
Takako Sato (Osaka - Japan)

15.10 *Research lines of the forensic toxicology laboratory of the University of Bologna*  
Jennifer Pascali (Bologna - Italy)

15.30 *Diagnostic application of energy-dispersive X-ray fluorescence spectrometry (EDX) in case of drowning*  
Hiroschi Kinoshita (Kagawa - Japan)

15.50 *Black box of diving accidents: contribution of forensic underwater experts*  
Valentina Bugelli (Parma - Italy)

16.10 *The significance of measuring cortisol in hypothermia cases*  
Tomoya Ikeda (Saga - Japan)

16.30 *Discussant:*

*Carlo Campobasso (Naples - Italy)*

*Lorenzo Franceschetti (Milan - Italy)*

*Luca Morini (Pavia - Italy)*

*Francesco Saverio Romolo (Bergamo - Italy)*

*Poster exhibition: 9.30 - 17.00*



**Honorary President:**

*Enrico Silingardi - University of Modena and Reggio Emilia (Italy)*

**Scientific Committee:**

*Rossana Cecchi - University of Modena and Reggio Emilia (Italy)*

*Nicola Cucurachi - University of Parma (Italy)*

*Giovanna Laura De Fazio - University of Modena and Reggio Emilia (Italy)*

*Paolo Fais - University of Bologna (Italy)*

*Rosa Maria Gaudio - University of Ferrara (Italy)*

*Francesca Ingravallo - University of Bologna (Italy)*

*Toshikazu Kondo - University of Wakayama (Japan)*

*Matteo Marti - University of Ferrara (Italy)*

*Margherita Neri - University of Ferrara (Italy)*

*Susi Pelotti - University of Bologna (Italy)*

*Anna Laura Santunione - University of Modena and Reggio Emilia (Italy)*

**Organizing Committee:**

*Valentina Castagnetti - University of Modena and Reggio Emilia (Italy)*

*Laura Donato - University of Tor Vergata - Rome (Italy)*

*Francesca Ferrari - University of Modena and Reggio Emilia (Italy)*

*Denise Gianfreda - University of Modena and Reggio Emilia (Italy)*

*Mariko Kawaguchi - University of Wakayama (Japan)*

*Elisabetta Lubian - University of Modena and Reggio Emilia (Italy)*

*Carlotta Profeta - University of Modena and Reggio Emilia (Italy)*

**Poster submission:** please, send title and author to [medlegmo@unimore.it](mailto:medlegmo@unimore.it)

**The event is free of charge.**

*For organizational reasons,  
please register via email to [medlegmo@unimore.it](mailto:medlegmo@unimore.it)*



UNIVERSITÀ  
DI PARMA



Università  
degli Studi  
di Ferrara



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DEPARTMENT OF  
MEDICAL AND SURGICAL SCIENCES



UNIMORE

UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

*Con il patrocinio di*



International Academy  
of Legal Medicine



SIMLA  
Società Italiana di Medicina Legale e delle Assicurazioni  
E DELLE SCIENZE FORENSI E CRIMINALISTICHE



Gruppo Italiano Entomologia  
Forense



# Comparto San Geminiano

Via San Geminiano 3, Modena

How to get:

## Bus from railway station

### Bus route no. 7 towards Policlinico - Gottardi

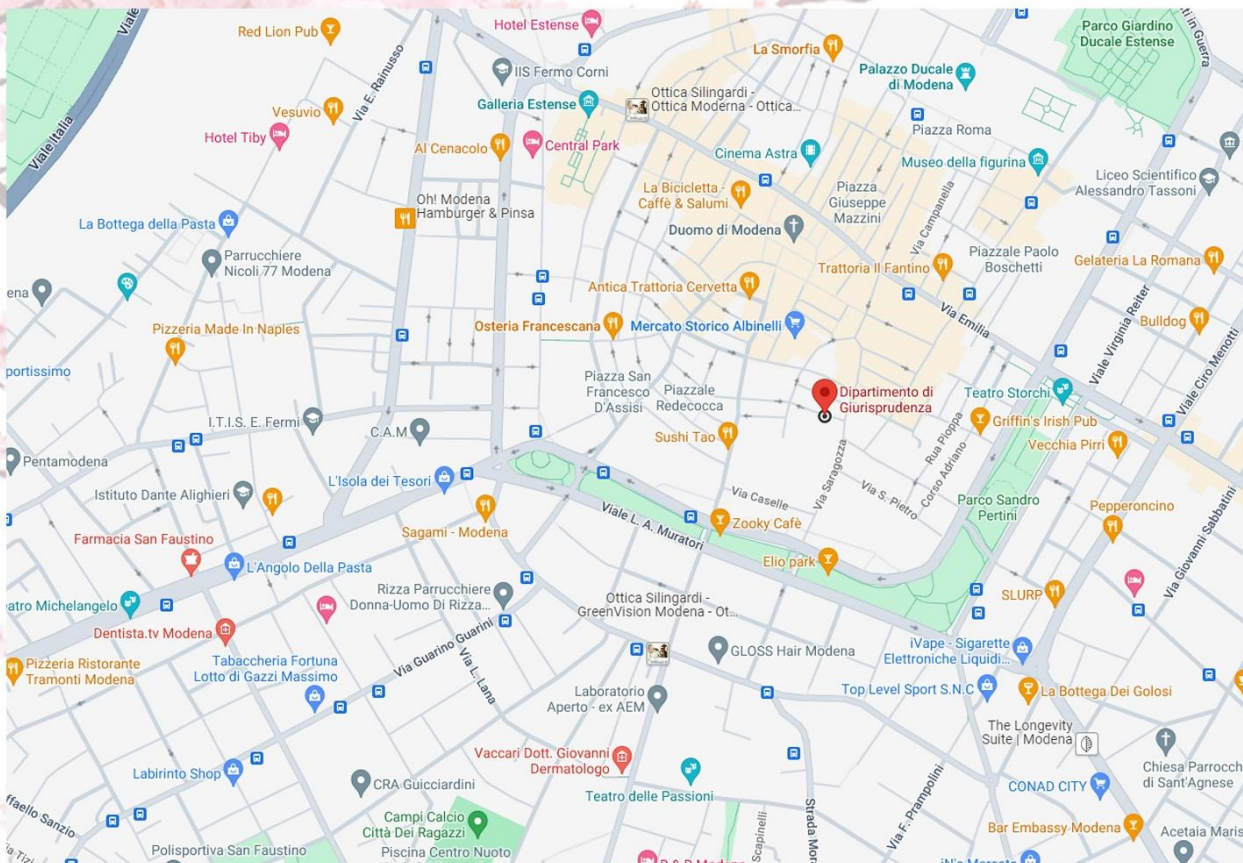
Get off at the eighth stop: Via Emilia Centro - POSTA, continue on foot along the portico of the Collegio S. Carlo until the intersection with Via S. Carlo and turn left. Continue along via Canalino. Go past the intersections with Via dei Servi and Via Carandini. Turn right onto Via San Geminiano. Continue until the entrance door located at number 3.

### Bus route no. 11 direction Zodiac

Get off at the fifth stop: Corso Canalgrande junction Emilia Est, continue on foot along Corso Canalgrande and turn right onto Via Scarpa or the next Via Santissima Trinità. Turn left onto Via Canalino, continue and turn right onto Via San Geminiano. Continue until the entrance door located at number 3.

### Bus route no. 4 direction Latina

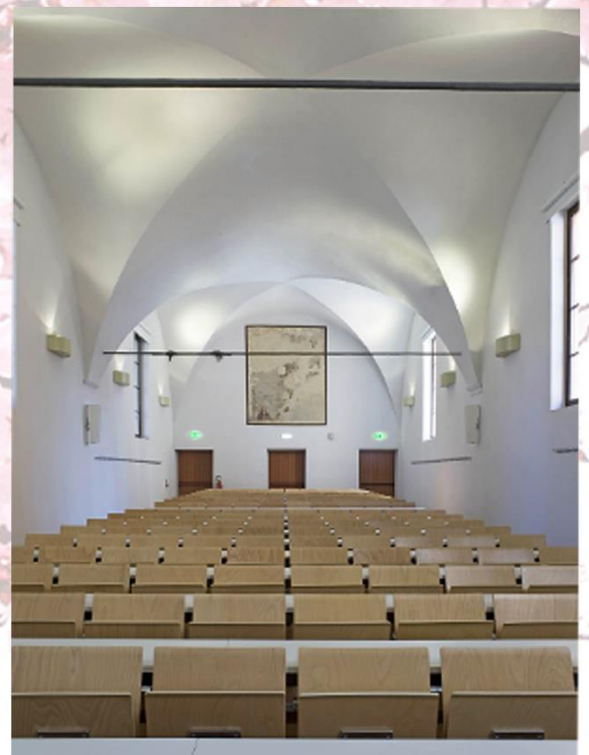
Get off at the fifth stop: Corso Canalgrande junction Emilia Est, continue on foot along Corso Canalgrande and turn right onto Via Scarpa or the next Via Santissima Trinità. Turn left onto Via Canalino, continue and turn right onto Via San Geminiano. Continue until the entrance door located at number 3.





## Walking from railway station

Take: Via Giovanni Galvani  
Turn left: Via Palestro  
Turn right onto: Corso Vittorio Emanuele  
Turn right: Corso Cavour  
Take: Via 3 February 1831  
Turn left: Piazza Roma  
Continue onto: Via Luigi Carlo Farini  
At the intersection with: Via Emilia Centro  
continue along Via S. Carlo  
Continue along Via Canalino  
Go past the intersection with: Via dei Servi  
and Via Carandini  
Turn right onto: Via San Geminiano  
Continue until the entrance door located at number 3.





*Parking zone:*

**Parceggio del Centro:  
Viale Achille Fontanelli 18,  
Modena  
24/7**

**Parceggio ex Mercato Ortofrutticolo  
Via Vincenzo Borelli 90,  
Modena  
24/7**

**Parceggio Palazzo Europa  
Via Emilia Ovest 145,  
Modena  
24/7**

**Parceggio Sant'Agostino  
Largo Porta Sant'Agostino 325,  
Modena  
24/7**

**Parceggio piazza della Cittadella  
Modena  
24/7**