



UNIVERSITÀ  
DEGLI STUDI  
DI BRESCIA

# 2<sup>nd</sup> International Conference Bioengineering and Cell Therapy

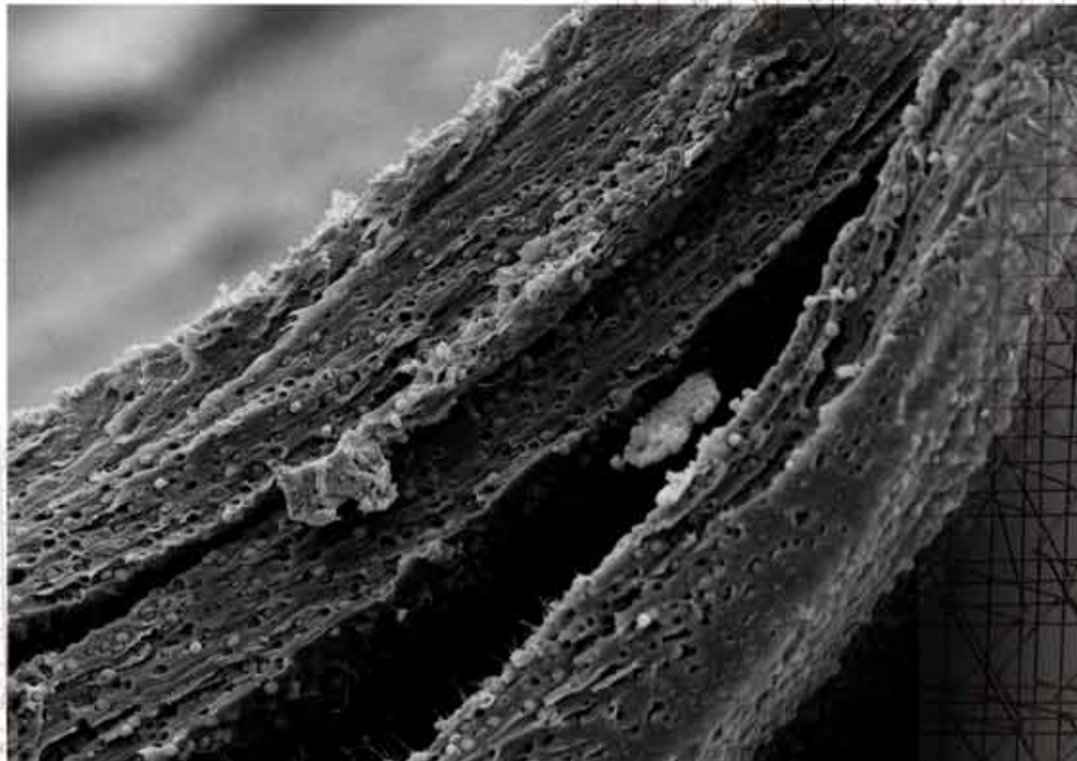
WEBINAR - 9th October 2020



Sistema Socio Sanitario



Regione  
Lombardia  
ASST Spedali Civili



## SCIENTIFIC PROGRAM

### Opening Webinar:

13.15 Welcome and Introduction: **M. Pizzi - C. Rossi - D. Russo**

### First Session: Regenerative Medicine (ReMed-NetWoRK)

13.25 **Lecture:** Application of Raman imaging to molecular medicine - **G. Pezzotti** (Kyoto - JAPAN time 20:30)

#### I Part Chairs: L. Sartore - G. Lisignoli - P. Guizzi - D. Russo

13.45 Polymeric scaffolds for bone and cartilage regeneration - **L. Sartore & S. Pandini** (Brescia)

14.00 Advances in highly performing polysaccharides, bio-engineered scaffolds, hydrogels for bone regeneration - **F. Re** (Brescia)

14.15 Generation of new artificial cartilage - **G. Lisignoli** (Bologna)

14.30 Overview of mesenchymal stromal cell biology: regenerative vs. immunomodulatory properties - **S. Viswanathan** (Toronto)

#### 14.45-15.00: Questions and General Discussion

#### II Part Chairs: J. Irish - R. Gilbert - P. Nicolai - D. Russo

15.00 Molecular analysis of osteogenic differentiation pathways activation: the role played by the scaffolds - **S. Bernardi** (Brescia)

15.15 3D-mapping of mesenchymal stem cells growth on bioengineered scaffolds - **S. Taboni** (Brescia - Toronto)

15.30 Preliminary experience with in vivo bone regeneration through bio-engineered poly-hydrogel scaffolds - **M. Ferrari** (Brescia-Toronto)

#### 15.45-16.00: Questions and General Discussion

### Second Session: CAR-T cell therapy

#### Chairs: F. Ciceri - P. Corradini - F. Porta - D. Russo

16.00 What are CAR-T and how they work - **A. Turra** (Brescia)

16.15 The pediatric experience - **F. Locatelli** (Roma)

16.30 Results and new strategies in ALL - **A. Rambaldi** (Bergamo)

16.45 Results and new strategies in DLBCL - NHL - **C. Jacobson** (Boston - USA time 10:45)

17.00 CAR-T Therapy in AML - **F. Ciceri** (HSR Milano)

17.15 The MSKCC experience - **MA Perales** (NY - USA time 11:15)

17.30 MoAb target therapies in ALL and BLBCL: integrative or competitive vs CAR-T - **A. Tucci** (Brescia)

17.45 CAR-T cell therapy in Head and Neck Oncology - **N. Muhanna** (Tel Aviv)

#### 18.00-18.15: Questions and General Discussion

### Third Session: Arti(cial) Intelligence in Medicine and Innovation in Clinical Research and Methodology (PhD UniBS)

18.15 **Lecture:** What can MedTech learn from lessons from FinTech - **R. Stein** (NY-USA time 12:15)

18.35 **Lecture:** Health economics: a compass to guide innovation in the health care? - **R. Levaggi** (Brescia)

#### 19.00 End of the Meeting

#### Under the Patronage of:



## FACULTY

Simona Bernardi (Università di Brescia)  
Fabio Ciceri (IRCSS Ospedale San Raffaele Milano)  
Paolo Corradini (Istituto Nazionale dei Tumori di Milano, Università di Milano)  
Marco Ferrari (Università di Brescia)  
Ralph Gilbert (University Health Network of Toronto, Canada)  
Pierangelo Guizzi (ASST Spedali Civili Brescia)  
Jonathan Irish (University Health Network of Toronto, Canada)  
Caron Jacobson (Brigham and Women's Hospital, Dana-Farber Cancer Institute – Boston, USA)  
Rosella Levaggi (Università di Brescia)  
Gina Lisignoli (Istituto Ortopedico Rizzoli - Università Bologna)  
Franco Locatelli (Ospedale Bambin Gesù - Roma)  
Nidal Muhanna (Tel Aviv Sourasky Medical Center - Israel)  
Piero Nicolai (Università di Padova)  
Stefano Pandini (Università di Brescia)  
Miguel-Angel Perales (MSKC Center - NY, USA)  
Giuseppe Pezzotti (Kyoto University, Japan)  
Marina Pizzi (Delegato alla Ricerca Università di Brescia)  
Fulvio Porta (ASST Spedali Civili - Brescia)  
Alessandro Rambaldi (Università di Milano, Ospedale Papa Giovanni XXIII - Bergamo)  
Federica Re (Università di Brescia)  
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Domenico Russo (Università di Brescia - ASST Spedali Civili Brescia)  
Luciana Sartore (Università di Brescia)  
Alessandra Tucci (ASST Spedali Civili Brescia)  
Alessandro Turra (ASST Spedali Civili Brescia)  
Roger Stein (Stern School of Business - New York, USA)  
Stefano Taboni (ASST Spedali Civili Brescia)  
Sowmya Viswanathan (Krembil Research Institute - University Health Network of Toronto, Canada)

## Registration

Registration is free but must be finalized accessing the Organizing Secretariat website [www.studioprogress.it](http://www.studioprogress.it) NEXT MEETINGS.  
The Organizing Secretariat will send an acceptance e-mail to confirm registration.

## Organizing Secretariat

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## UniBS WEB-e-Learning Assistance

**Technical Manager**  
Silvestro Nevola

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**NOVARTIS**

**Scientific Secretariat: *Simona Bernardi, Federica Re, Marco Ferrari, Stefano Taboni, Luciana Sartore, Domenico Russo***

on behalf of

- **Board ReMed Network**

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Elisa Borsani  
Simona Bernardi  
Federica Re

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Tommaso Gualtieri  
Corrado Paganelli  
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- **DPT of Laboratory Medicine - ASST Spedali Civili - Brescia**

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- **Laboratory of Tissue Regeneration - Istituto Ortopedico Rizzoli - Bologna University**

Gina Lisignoli  
Erminia Mariani

- **Laboratory of Proteomics and Metabolomics - Milano Bicocca University**

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Sowmya Viswanathan