



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

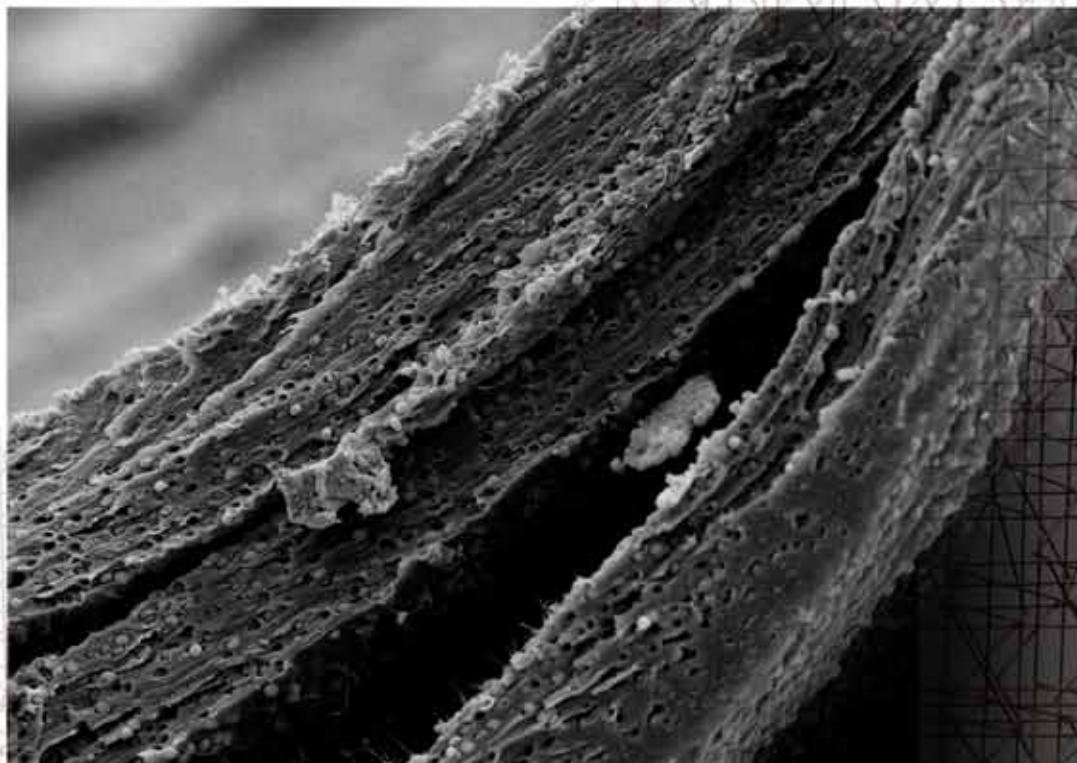
2nd International Conference
**Bioengineering and
Cell Therapy**
WEBINAR – 9th October 2020

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: Artificial 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 - ASST Spedali Civili Brescia)
Fabio Ciceri (Università Vita-Salute San Raffaele di Milano)
Paolo Corradini (Università di Milano - Istituto Nazionale dei Tumori di Milano)
Marco Ferrari (Università di Brescia - Università di Padova)
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 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 (MSKCC Center New York, 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 (ASST Spedali Civili Brescia)
Camillo Rossi (Direttore Sanitario ASST Spedali Civili di Brescia)
Domenico Russo (Università di Brescia - ASST Spedali Civili Brescia)
Luciana Sartore (Università di Brescia)
Stefano Taboni (Università di Brescia - ASST Spedali Civili Brescia)
Alessandra Tucci (ASST Spedali Civili Brescia)
Alessandro Turra (ASST Spedali Civili Brescia)
Roger Stein (Stern School of Business New York, USA)
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 NEXT MEETINGS.
The Organizing Secretariat will send an acceptance e-mail to confirm registration.

Organizing Secretariat

StudioProgress Snc
Via Cattaneo 51 - 25121 Brescia (Italy)
Tel. +39(0)30290326
www.studioprogress.it
info@studioprogress.it

UniBS WEB-e-Learning Assistance

Technical Manager

Silvestro Nevola

With the unconditional contribution of



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

- Board ReMed Network

- DPT of Clinical and Experimental Sciences - Brescia University

Domenico Russo
Fabrizio Luigi Rodella
Elisa Borsani
Simona Bernardi
Federica Re

- DPT of Medical and Surgical Specialties, Radiological Sciences and Public Health - Brescia University

Francesco Doglietto
Davide Mattavelli
Marco Ferrari
Stefano Taboni
Tommaso Gualtieri
Corrado Paganelli
Fabio Savoldi
Piero Nicolai (Padova University)

- DPT of Mechanical and Industrial Engineering - Brescia University

Luciana Sartore
Stefano Pandini
Kamol Dey
Silvia Agnelli

- DPT of Information Engineering - Brescia University

Emilio Sardini
Francesco Nicola Lopomo
Sarah Tonello
Mauro Serpelloni
Guido Faglia
Matteo Ferroni
Camilla Baratto

- DPT of Orthopaedic Surgery - ASST Spedali Civili - Brescia

Pierangelo Guizzi

- DPT of Laboratory Medicine - ASST Spedali Civili - Brescia

Camillo Almici
Andea Bianchetti

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

Gina Lisignoli
Erminia Mariani

- Laboratory of Proteomics and Metabolomics - Milano Bicocca University

Fulvio Magni
Clizia Chinello
Andrew James Smith

- DPT of Biomedical Engineering, School of Engineering - University of Glasgow

Manuel Salmeron-Sanchez
Marco Cantini
Vladimira Moulisova

- DPT of Otolaryngology, Head and Neck Surgery - University Health Network of Toronto

Jonathan Irish
Ralph Gilbert

- Krembil Research Institute - University Health Network of Toronto

Sowmya Viswanathan