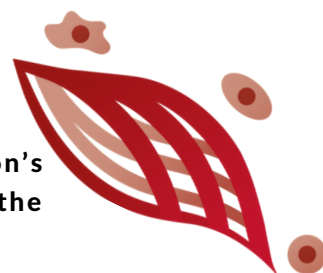


DECEMBER 14TH | 15TH 2021
ONLINE

Renoir Opening Scientific meeting

RENOIR REcreating the ideal Niche: environmental control Of cell Identity
in Regenerating and diseased muscles

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<https://renoir-itn.eu>

DECEMBER 14TH 9:30 - 14:00

Session 1: Molecular determinant of cell identity

Chair: Cristina Rodriguez (CNR-IGB, IT; ESR2)

9.30 Silvia Brunelli (University of Milano Bicocca, IT; Renoir Coordinator)

Welcome and introduction to the Renoir Meeting

9.45 Giulio Cossu (University of Manchester, UK; Renoir Supervisor)

Building mesoderm tissues by cell division or cell addition: do vessels bring the bricks?

10.30 Irene Fanello (University of Manchester, UK, ESR5)

Lineage tracing of pericytes in developing and post-natal muscle

10.45- 11.00 Coffee Break

11.00 Fred Relaix (Université Paris-Est Créteil, FR, Renoir Partner)

Regulation of muscle stem cell function and muscle tissue repair in Duchenne Muscular Dystrophy.

11.45 Gloria Antonini (Parent Project, IT; Renoir Partner)

The voice of patients affected by Duchenne and Becker Muscular Dystrophy

12.30-14.30: Lunch Break

DECEMBER 14TH 14:00 - 16:30

Session 2: Environmental control of muscle homeostasis, regeneration and aging

Chair: Filipa Timoteo Ferreira (University of Milano Bicocca, IT; ESR1) and Liam Colley (HMGBiotech, IT; ESR12)

14.30 Marco Bianchi (HMGBiotech, IT; Renoir Supervisor)

HMGB1 in tissue regeneration and innate immunity

15.15 László Nagy (University of Debrecen, HU; Renoir Supervisor)

High-dimensional Biology of Macrophage-mediated Tissue Regeneration

16.00 Noemi Caballero Sanchez (University of Debrecen, HU; ESR 6)

Linking gene regulation to macrophage subset specification during tissue repair

16.15 Pawandeep Singh (University Claude Bernard Lyon 1, FR; ESR4)

Role of macrophages in degenerative myopathies and fibrosis

16.30 Irene Bozzoni (University of Roma La Sapienza, IT)

De-coding non coding RNA function



DECEMBER 15TH 9:30 - 14:00

Session 3: Biomaterials and biological drugs -assisted regeneration

Chair: Gwen Newman (Eden Tech, FR; ESR10) and Stefano Eriani (Tecnion, IL; ESR11)

9.30 Paolo Netti (University of Napoli, Federico II, IT; Renoir Supervisor)
Programmable instructive surfaces to control cell fate in vitro

10.15 Sarah Willems (University of Napoli, Federico II, IT; ESR8)
Controlling cell microenvironment: engineering artificial niches to study muscle degeneration-regeneration in vitro.

10.30 Dror Seliktar (Tecnion, IL; Renoir Supervisor)
In Vivo Restoration of Dystrophin Expression in mdx Mice using Intra-muscular and Intra-arterial Injections of Hydrogel Microsphere Carriers of Exon Skipping Antisense Oligonucleotides

11.15 Coffee break

11.30 Cécile Perrault (Eden Tech, FR; Renoir Supervisor)
Microfluidics for biomedical research: Opportunities and Challenges

12.15 Nicola Elvassore (University of Padova, IT)
Engineering organoids: four-dimensional control of the organoid environment

13.00 - 14.00: Lunch Break

DECEMBER 15TH 14:00 - 18:15

Session 4: Responsible Research and Innovation

Chair: Gabriella Minchiotti (IGB-CNR, IT; Renoir Supervisor)

14.00 Susanna Chiocca (Istituto Europeo di Oncologia, IT)
The Sex and Gender Dimension in Science and Research

14.45 Alfonso Martinez Arias (University Pompeu Fabra, ES)
Open science: the role of preprints in biomedical science publication

15.30 Closing remarks

Management Restricted Meeting
16.15-18.15 Supervisor board meeting

