

ETH Summer School: **“New Frontiers in Extracellular Matrix Research:
From regeneration to immunology, mechanics and soft robotics”**
9-13 September 2018, Zurich (ZH)

9 September 2018

19:00 Welcome Dinner

10 September 2018

08:00 08:30 Morning coffee
08:30 08:45 Opening remarks: The Organizing Committee

Keynote Lecture

Venue: Auditorium Christian Gerber

08:45 09:45 **“Matrix-Nucleus structural coupling in tissues & mimetics: From
the first organ to anti-cancer macrophages”**

Prof. Dennis E. Discher, Ph.D
Robert D. Bent chaired Professor
University of Pennsylvania
USA

Theme I: Regenerative-Matrix

Venue: Auditorium Christian Gerber

09:45 10:25 **Dr. Eileen Gentleman, Ph.D**
Senior Research Fellow and Principal Investigator
King's College London (United Kingdom)

10:25 10:45 Coffee Break

10:45 11:25 **Prof. Boris Hinz, Ph.D**
Distinguished Professor of Tissue Repair and Regeneration
University of Toronto (Canada)

11:25 12:00 **Dr. Jérôme Feige, Ph.D**
Group Head
Nestlé Institute of Health Sciences (Switzerland)

12:00 13:30 Lunch Break
14:00 15:00 Rapid fire presentations
15:00 17:00 Coffee break and posters sessions
19:00 Dinner

11 September 2018

Theme II: Mechano-Matrix
Venue: Auditorium Christian Gerber

08:00	08:30	Morning coffee
08:30	09:10	Prof. Adam Engler, Ph.D Associate Professor of Bioengineering University of California, San Diego (USA)
09:10	09:50	Prof. Mark Tibbitt, Ph.D Assistant Professor of Macromolecular Engineering ETH Zurich (Switzerland)
09:50	10:10	Coffee break and posters sessions
10:10	10:50	Prof. Jess G. Snedeker, Ph.D Associate Professor of Orthopaedic Biomechanics University and ETH Zurich (Switzerland)
10:50	11:30	Prof. Selman Sakar, Ph.D Assistant Professor of Mechanical Engineering EPFL (Switzerland)
11:30	12:00	Discussion
12:00	13:30	Lunch Break

Theme III: Immuno-Matrix
Venue: Auditorium Christian Gerber

13:30	14:10	Prof. Kim Midwood, Ph.D Professor of Matrix Biology University of Oxford (United Kingdom)
14:10	14:50	Prof. Andrea Ablasser, MD Ph.D Assistant Professor of Life Sciences EPFL (Switzerland)
14:50	15:50	Coffee break and Posters session
15:50	16:30	Prof. Cornelia Halin Winter, Ph.D Associate Professor of Pharmaceutical Immunology ETH Zurich (Switzerland)
16:30	17:20	Prof. Li Tang, Ph.D Assistant Professor of Materials Science EPFL (Switzerland)
19:00		Dinner

12 September 2018

Professional Development Workshops

Venue: Balgrist University Hospital
Rooms 63 and 64

08:30	09:00	Morning coffee
09:00	10:30	Scientific Publishing Workshop Dr. Kyle Legate Senior Editor, <i>Nature Communications</i>
10:30	10:50	Coffee Break
10:50	12:00	Industry Networking
12:00	13:30	Lunch Break

Theme IV: Responsive-Matrix

Venue: Auditorium Christian Gerber

13:30	14:10	TBD
14:10	14:50	Prof. Tal Dvir, Ph.D Associate Professor of Biotechnology, Materials Science & Engineering Tel Aviv University (Israel)
14:50	15:20	Coffee break and posters sessions
15:20	16:00	Prof. Simone Schürle, Ph.D Assistant Professor of Responsive Biomedical Systems ETH Zurich (Switzerland)
16:00	17:00	Panel Discussion: "My CV of Failures!"
19:00		Farewell Dinner

13 September 2018

~09:00	Social Event (For students and invited speakers) Boat trip and hiking by Zurich lake (To be confirmed)
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