

Biointerfaces *International* 2020 Conference, Zurich

Biointerfaces
International

Organizers



Empa

Materials Science and Technology

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



**University of
Zurich**^{uzh}



**August 25-27, 2020 University of Zurich
Science, Technology & Translation**

Sessions

- Gene editing technologies such as CRISPR, Stem Cell Technology & Regenerative Medicine, Personalized Health
- Organoids, Organ-on-Chip, Lab-on-Chip, 3D Imaging, Verification and Validation
- 3D Cell & Matrix Printing, Tissue Engineering
- Mechanobiology
- Nanoparticulate Systems for Diagnosis and Targeted Therapy incl. (Drug) Delivery Systems and Precision Medicine
- Neuronal Interfaces, Bioelectronics and Biosensors
- Artificial Intelligence, Machine Learning, Computational Modelling Approaches to Biomaterials, Biointerfaces and Biomedical Processes
- Functional Material-Biology Interfaces (to Tissue, Cells, Bacteria, Enzymes/Proteins), Bioinspired Responsive Surfaces
- Progress in Surface & Interface Characterization and Imaging (static/dynamic, in-situ and ex-situ), Bio-Tribology
- Medical (MDR), Regulatory Challenges

- Keynote lectures by more than 30 international speakers from academia & industry
- 14 keynote lectures with industrial & clinical show cases
- Pre-Conference Seminar with introductory lectures on relevant scientific and technological topics
- Industry day parallel sessions: contributions from top translation institutions, spin-offs & multinationals
- Exhibition with 30 companies active in life-sciences

<http://www.biointerfaces.ch>

**Submit abstracts for
contributed talks &
poster presentations**

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NTN innovative surfaces

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