



Swiss Society for Biomaterials + Regenerative Medicine
Société Suisse des Biomatériaux + Médecine Régénérative
Schweizerische Gesellschaft für Biomaterialien + Regenerative Medizin
Società Svizzera di Biomateriali + Medicina Rigenerativa

SWISS SOCIETY FOR BIOMATERIALS AND REGENERATIVE MEDICINE - 2017 WINTER NEWSLETTER

RESERVE THE DATE!
Annual Meeting SSB+RM
June 6-7, 2018
Adolphe Merkle Institute
University of Fribourg, Fribourg
Special Topic: Bioinspired Materials

Dear SSB+RM Members, Sponsors and Friends,

Please note the upcoming events.

1. The 24th Annual Meeting of the Swiss Society for Biomaterials and Regenerative Medicine will take place at the Adolphe Merkle Institute in Fribourg on June 6-7, 2018.

There will be a session dedicated to the special topic: "Bioinspired Materials".

The conference will include keynote lectures and sessions on biomaterials, tissue engineering and regenerative medicine with presentations from academia, industry and clinics. There will be a Young Scientist program on the morning of June 6.

Confirmed speakers:

Prof. Peter Fratzl, Max Planck Institute of Colloids and Interfaces, Munich, Germany

Dr. Benjamin Pippenger, Institut Straumann AG, Basel

Prof. André Studart, ETH Zürich

Prof. Christoph Weder, Adolphe Merkle Institute, University of Fribourg, Fribourg

Abstract Deadline: Monday, April 9, 2018

<https://ssbrm.ch/>

2. Other Upcoming Biomaterials Related Events:

MEET-THE-EXPERT Event: Materials and Surface Technology for Implants, March 13, 2018 in Olten. The conference [MEET THE EXPERT] Implants is taking place for the ninth time in 2018 and is the well-known event for the implant industry in Europe. The modified concept of this one-day conference is designed equally for manufacturers of implants, suppliers and service providers, as well as for universities and institutes. The program includes keynote lectures, short presentations, a tabletop exhibition and time for discussions and networking. Abstract deadline December 15, 2018: <https://www.rms-foundation.ch/en/research/technology-transfer/meet-the-expert-implants.html>

11th SwAPP ExEx Meeting: "Constraint-Driven Innovation in Medical Device"

In the context of an increasing number of medical devices and their combination with medicinal products or biologicals, the complexity of device technology, as well as the implementation of a new EU regulation in Switzerland, the SwAPP (Swiss Association of Pharmaceutical Professionals) has elaborated an exchange expertise event for drug and medical device professionals (<http://www.swapp.ch/events/11th-swapp-exex-meeting-8th-march-2018-fribourg/1805/>) 100 CHF reduction for first 40 seats! Click on the "EarlyBird" button and enter the code "EarlyBird".

Biointerfaces International Conference 2018, August 14-17, 2018 in Zurich

The conference (<http://www.biointerfaces.ch/international/2018/index.php>) aims to build bridges across relevant application areas, between science & engineering, among scientific discovery, Innovation & technology, and between senior scientists & early-career researchers. Both internationally highly renowned and young scientists from academia, industry and clinics present their latest, often unpublished scientific findings and technological breakthroughs. The day before the conference (August 13th), a seminar (<http://www.biointerfaces.ch/international/2018/index.php/bi-seminar>) will provide participants with introductory lectures on selected major scientific and technological topics covered by the main conference. Registration opens soon!

The Interreg Consortium NANOTRANSMED (<http://nanotransmed.u-strasbg.fr/welcome/>) sponsors a Symposium of the **European Materials Research Society** (<https://www.european-mrs.com/>) on Advanced biomaterials: elaboration, nanostructure, interfaces with tissues, <https://www.european-mrs.com/advanced-biomaterials-elaboration-nanostructure-interfaces-tissues-emrs>). June 18 to 22, 2018, Strasbourg, France. Deadline for abstract submission: Thursday, January 18, 2018.

29th Annual Meeting of the European Society for Biomaterials, September 9–13, 2018 in Maastricht, the Netherlands www.esb2018maastricht.org.

3. Young Scientists SSB+RM Awards

PhD/MD Thesis Award

To honor excellent scientific work in the area of Biomaterials and Regenerative Medicine, the SSB+RM will present a **Research Award** for an **outstanding PhD or MD thesis**. The award will be given based on originality and impact of the work. The PhD/MD Research Award consists of **CHF 1'500.- and a certificate**. We ask the scientists, who finalized their PhD or MD Thesis in 2017 or 2018 to apply. Supervisors are invited to inform potential candidates. Winners are expected to attend the Annual Meeting and present their work. For more information see: <https://ssbrm.ch/young-scientists/awards/>

Deadline: Monday, April 9, 2018

Travel Awards

The SSB+RM Student Travel Award intends to support students from Swiss research institutions to visit international conferences and give talks and present posters. The next application deadline is December 31, 2017.

4. Young Scientists – SSB+RM Activities

The Spring 2018 Lab & Networking event from the YS will be held in AO Davos on the topic of "**Biomaterials in prevention and treatment of infections in orthopaedic surgeries**". Stay tuned for more information.



The 2nd Young Scientist symposium was characterized by lively discussions and fruitful networking during lunch, coffee breaks & apéro

The 2nd Young Scientist Symposium was held on November 21st, 2017 at the UniversitätsSpital Zürich. The aim of the symposium was to give young scientists from ETH, EPFL and other Swiss universities and Foundations, a platform where they could present their research in the biomedical field and establish collaborations between the universities. The symposium encouraged networking and the exchange of ideas by providing time for discussions and interactions during the poster session, lunch, coffee break and apéro.

The event was sponsored by the Swiss Industry Science Fund (SISF) and by the company Qgel and organized by the Young Scientist members of the Swiss Society of Biomaterials and Regenerative Medicine (SSB+RM).

The event featured two keynote speakers with extensive knowledge about biomaterials and tissue engineering and with experience in translating their academic research into the market. The first keynote speaker was Prof. Matthias Lutolf, director of the Institute of Bioengineering (IBI) at EPFL and head of the Laboratory of Stem Cell Bioengineering, who presented his recent progresses in the field of stem cells and organoid research. Dr. Christopher Millan, co-founder and CTO of the start-up CellSpring, gave an insight about his journey from being a cartilage engineering doctoral student to the foundation of a start-up in the *in vitro* diagnostics and biomarker field.



Prof. Lutolf and Dr. Millan giving two insightful and inspiring keynote presentations

52 scientists attended the symposium: 6 master students, 35 PhD students, 8 post docs/senior scientists and 3 professors. Students and researchers came from several research institutes: ETH Zürich (20 people: 12 from D-HEST, 4 from D-MATL and 4 from D-MAVT), Zürich University (1 from the Centre of Dental Medicine and 7 from the University Hospital), EPFL (2), AO Davos (7), Friburg University (1), Basel University (1), Empa Sankt Gallen (3), ZHAW (3), Bern University (1) and Kinderpital Zürich (2). In addition, there were 4 researchers from the industry environment: Geistlich Pharma (1), CellSpring (1) and SUN Bioscience (2). Five PhD students were awarded with travel grants to assist to the event.

During the day 8 students showcased their work with a 12-minute oral presentation, while 7 presented it with a 4 minute rapid fire presentation in front of their posters. 12 additional posters were exposed and explained during the poster session. Each presenting student was evaluated by a jury composed of esteemed senior scientists. The jury members not only provoked the presenters with concise questions related to their project but also evaluated their work and assigned several awards. At the end of the day the “best poster presentation” was awarded to Tino Stauber, the “best rapid fire presentation” was won by Marco Binelli, the “best oral presentation” by Giulia Morgese and the “very best oral presentation” by Sonja Giger.



Sonja Giger receives her award from the members of the jury and organizers

The SSB+RM team wishes you Happy Holidays and hopes to see many of you in Fribourg next June.

With kind regards,

Your SSB+RM Executive Committee