



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 – 2019 SPRING NEWSLETTER

Dear All,

We are pleased to send you our Spring 2019 Newsletter which contains information about the Annual Meeting, upcoming events, student awards and more.

1. Annual Meeting in Muttenz

The 25th Annual Meeting of the *Swiss Society for Biomaterials and Regenerative Medicine* takes place at the new Campus of the University of Applied Sciences Northwestern Switzerland FHNW, Muttenz, Switzerland on 22./23. May 2019.

ABSTRACT DEADLINE MARCH 25!!

Confirmed Speakers:

- Prof. Dr. Regine Willumeit-Römer (Helmholtz-Zentrum Geesthacht, Germany): “The Interplay Between Biodegradable Mg Implants and Cells and Tissues”
- Dr. Thomas Hefti and Mrs. Philine Baumann-Zumstein (Vascular Interventions, Biotronik AG, Bülach, Switzerland): “Resorbable Magnesium Scaffolds for Coronary Vascular Intervention; From Bench to Clinics”
- Dr. Joëlle Amédée-Vilamitjana (Tissue Bioengineering, Université de Bordeaux, France): “Vascularisation and Innervation in Regenerative Medicine”
- Dr. Maurizio Gullo (FHNW, Institute for Medical Engineering and Medical Informatics IM², Switzerland): “Challenges in 3D Biofabrication - From Organs On Chip Towards Organ Replacement”
- Prof. Dr. Martin A. McNally (University of Oxford, UK, President of the European Bone and Joint Infection Society): “Biodegradable Antibiotic Carriers in Prevention and Treatment of Bone and Joint Infections”
- Prof. Dr. Leonard Charles Marais (Orthopedic Surgery, University Kwazulu-Natal, Durban, South Africa): “Reconstruction of Bone Defects”.

Besides a series of invited lectures on selected topics, oral and poster sessions on cutting-edge research on biodegradable materials as well as on general regenerative medicine and biomaterials will take place. A special emphasis will be student projects at the Bachelor, Masters and Doctoral level. We strongly encourage you to attend this unique scientific and networking event for the Swiss biomaterials community.

A dedicated workshop organized for the **Young Scientists** of the SSB+RM will be held as a pre-meeting event. Daniel Seiler will lead this workshop entitled “Patient-specific implants produced by Additive Manufacturing” including hands-on practice and a tour through the implant manufacturing labs at the FHNW [Campus Muttenz](#).

The conference dinner will take place at **WERK8**, the venue in the [Gunderdinger Feld](#), which was recently voted the best bar in Switzerland!

Please, visit <https://ssbrm.ch/> for updated information on the meeting.



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University of Applied Sciences Northwestern Switzerland
School of Life Sciences



2. Other Upcoming Biomaterials Related Events:

- **Swiss Medtech Day** on June 6, 2019 in Kursaal, Bern features a joint session between the Swiss Society for Biomedical Engineering (SSBE) and SSB+RM. www.swissmedtechday.ch/
- **[MEET THE EXPERT] Implants**

Materials and Surface Technology for Implants, Tuesday, 19th March 2019, Olten (Switzerland).

The conference **[MEET THE EXPERT] Implants** is taking place for the tenth time and is the well-known event for the implant industry in Switzerland. 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 relating to research, development, process optimization and regulatory aspects, a table-top exhibition and time for discussions and networking.

Please visit www.rms-foundation.ch/meet for more information.

- **European Society for Biomaterials**, 30th Annual Conference, September 9-13, 2019, Dresden, www.esbiomaterials.eu/

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 1'000.- and a certificate**. We ask the scientists, who finalized their PhD or MD Thesis in 2018 or 2019 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 1, 2019



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Student Mobility Grants ^{NEW!}

The SSB+RM **Mobility Grant** intends to support students from Swiss research institutions to visit other centers of research to **learn specific techniques, methods, experiments, setups, etc.** The award will be given based on originality and perceived value to be gained for the applicant's work. There will be two mobility grants per year of up to **CHF 1'500.-** each. **Undergraduate, master, PhD and MD students** are welcome to participate. 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/>

Next deadline: Monday July 1, 2019

4. Highlights from the Lab & Networking at Geistlich Pharma AG

The Lab Networking Event took place last January 23rd at Geistlich Pharma AG in Wolhusen. Geistlich welcomed the Young Scientists to an afternoon of company overviews and research, as well as tours in their labs and production facility. The Young Scientists had the chance to learn how a family-run company established in 1851, which was originally involved in the production of natural glue and fertilizer, transitioned to the pharmaceutical market to combat bone atrophy during the Second World War. Since then, Geistlich has manufactured pharmaceutical and medical products which are nowadays highly used in the clinics. The Young Scientists had insights into the development and production of several of the products currently on the market, and even a behind-the-scenes visit to the facility where the products are produced, validated and packaged to be delivered worldwide. Also, Geistlich emphasized their commitment to continuous development and improvement of current and new products to match the needs of the future market. The day culminated with a delicious apéro sponsored by Geistlich!



An exciting afternoon of learning, networking and fun all together!

Thank you to Geistlich for the great organization (especially Claudio Zihlmann) and to the SSB+RM for funding the travel grants of the Young Scientists!

We wish you all the best and hope to see many of you in Muttenz in May 2019.

With kind regards,

Your SSB+RM Executive Committee