



SWISS SOCIETY FOR MICROBIOLOGY

Annual congress 2019

University of Zürich
Campus Irchel, Zürich

September 3-4, 2019



**Universität
Zürich** ^{UZH}

Attend lectures
by experts in:

- Antibiotic resistance
- Emerging pathogens
- Environment and ecology
- Host-microbe interactions
- Microbiota
- Technology development



Universität Zürich, Manfred Richter

preliminary program

Venue

University of Zürich, Irchel Campus
Winterthurerstrasse 190, 8057 Zürich

Registration

online on www.meeting-com.ch / Conferences & Meetings / 2019
or to the Congress Office Management as below

Congress office management

Meeting.com Sàrl Congress Organisation
Rue des Pâquis 1 • PO box 100
CH-1033 Cheseaux-sur-Lausanne
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info@meeting-com.ch

**Submission of abstracts**

online on www.ssm2019.exordo.com
handled by the Congress Office Management. All information or requirements
at the above-mentioned address

Congress organization

Prof. Pilar Junier, Institute of Biology, University of Neuchâtel

President SSM-SGM 2019-2021

Prof. Dr Hubert Hilbi, Institute of Medical Microbiology, University of Zürich

SSM Annual Meeting 2019 Chair

Dr Peter Keller, Institute for Infectious Diseases, University of Bern

SSM Annual Meeting 2019 Co-chair

Scientific committee**Clinical Microbiology**

Jacques Schrenzel (GE), Laurent Poirel (FR), Peter Keller (BE)

Environmental Microbiology

Pilar Junier (NE), David Johnson (ZH)

Prokaryotic Biology

Hubert Hilbi (ZH), William Kelley (GE)

Mycology

Salomé Leibundgut-Landmann (ZH), Alix Coste (VD)

Virology

Silke Stertz (ZH), Cornel Fraefel (ZH), Volker Thiel (BE)

Lay communication

Karl Perron (GE), Massimo Caine (GE)

Welcome to Zürich

Dear colleagues,

On behalf of the scientific committee, it is my great pleasure to welcome you to Zürich for the annual congress of the Swiss Society for Microbiology on September 3rd and 4th, 2019. The congress will take place at the University of Zürich Irchel campus, located within the city boundaries.

I am happy to announce an exciting scientific program comprising five keynote lectures delivered by leaders in their fields and a total of 25 parallel sessions covering hot topics from the different sections of the SSM – Clinical Microbiology, Environmental Microbiology, Prokaryotic Biology, Mycology and Virology. In addition to the authoritative talks given by invited speakers, a number of oral presentations will be selected from the submitted abstracts, and ample time will be allowed for stimulating poster sessions.

At the congress, you will not only be exposed to great science, but also have the opportunity to network with colleagues, find your next job, and enjoy a wheat beer with friends. The conference dinner will take place right by the lake side. I am looking forward to an inspiring meeting and hope that many of you will join the 2019 congress in Zürich!

Prof. Dr. Hubert Hilbi
Chair, SSM annual congress 2019

08.00	Registration & welcome	FOYER
09.00-09.30	Keynote 1 Pathoevolution of the gastric pathogen <i>Helicobacter pylori</i> Sebastian Suerbaum (DE)	ROOM I
09.30-10.00	Keynote 2 High resolution structures of secretion systems Gabriel Waksman (UK)	ROOM I
10.00-10.30	Coffee break	EXHIBITION
10.30-12.00		
Session 1	Molecular panels Laurent Kaiser, Stasja Steiner	CM - ROOM I
Session 2	Host-associated microbiomes Geneviève Héry-Arnaud (FR), Philippe Engel	EM - ROOM II
Session 3	Secretion systems and nanomachines Andrea Dessen (FR), Martin Pilhofer	PB - ROOM III
Session 4	Fungal players in ecosystems Matthew Fisher (UK), Tom Crowther	MY - ROOM IV
Session 5	Challenges in clinical virology Isabella Eckerle, Michael Huber	VI - ROOM V
12.15-13.15	Exclusive Symposium	ROOM I
12.45-14.00	Lunch break & Posters	EXHIBITION & POSTERS
14.00-15.30		
Session 6	Microbiota and infection Etienne Ruppé (FR), Stéphane Emonet	CM - ROOM I
Session 7	Microbiology of the natural environment Jakob Pernthaler, Mark Lever	EM - ROOM II
Session 8	Heterogeneity and bacterial persistence Dirk Bumann, Nicolas Personnic	PB - ROOM III
Session 9	Plant fungal pathogens and symbionts Bruce McDonald, Marcel van der Heijden	MY - ROOM IV
Session 10	Emerging viral respiratory infections Martin Schwemmler (DE), Ronald Diikman	VI - ROOM V

15.30-16.00	Coffee break	EXHIBITION
16.00-17.30		
Session 11	Antibiotic resistance Philippe Glaser (FR), Peter Keller	CM - ROOM I
Session 12	Engineering & control of microbial communities Robbert Kleerebezem (NL), Kathrin Fenner	EM - ROOM II
Session 13	Amoebae-resistant pathogens (LS2) Carmen Buchrieser (FR), Thierry Soldati	PB - ROOM III
Session 14	Fungal commensalism in the mammalian host Ilse Jacobsen (DE), Martin Glatz	MY - ROOM IV
Session 15	Virus-host interactions Urs Greber, Ben Hale	VI - ROOM V
17.45-18.45	General Assembly	ROOM I
18.30-19.30	Aperitif & Posters	EXHIBITION & POSTERS
20.00-24.00	Conference dinner at Quai 61 Seerestaurant Mythenquai 61, 8002 Zurich	

Technology development
Microbiota
Host-microbe interactions
Environment and ecology
Emerging pathogens
Antibiotic resistance

08.00	Registration & welcome	FOYER
09.00-09.30	Keynote 3 Next Gen Seq (NGS) in routine diagnostics John Rossen (NL)	ROOM I
09.30-10.00	Keynote 4 <i>Candida</i> peptide toxins and fungal infection Julian Naglik (UK)	ROOM I
10.00-10.30	Coffee break	EXHIBITION
10.30-12.00		
Session 16	Pathogen virulence and host susceptibility Marien de Jonge (NL), Stefano Leo	CM - ROOM I
Session 17	Synthetic microbial ecology Rolf Kümmerli, Sara Mitri	EM - ROOM II
Session 18	Evolution of bacterial pathogens Roland Brosch (FR), Patricia Bordes (FR)	PB - ROOM III
Session 19	New developments on CRISPR/Cas biology and applications Geraldine Butler (IE), Martin Jinek	MY - ROOM IV
Session 20	Viral-co-infections Claudia Bachofen, Mirko Schmolke	VI - ROOM V
12.15-13.15	Exclusive Symposium	ROOM I
12.45-14.00	Lunch break & Posters	EXHIBITION & POSTERS

14.00-15.30		
Session 21	New diagnostic methods Yannick Charretier, Adriana Renzoni	CM - ROOM I
Session 22	Antibiotic resistance & HGT in natural environments Jan Roelof van der Meer, Helmut Bürgmann	EM - ROOM II
Session 23	Bacterial natural products Pierre Stallforth (DE), Jörn Piel	PB - ROOM III
Session 24	Emerging fungal pathogens Silke Schelenz (UK), Frédéric Lamothe	MY - ROOM IV
Session 25	Models and concepts of virus infection Catherine Eichwald, Darius Moradpour	VI - ROOM V
15.30-16.00	Coffee break	EXHIBITION
16.00-16.30	Poster Awards / Lay Communication	ROOM I
16.30-17.00	Keynote 5 Adenovectors/cancer Andreas Plückthun	ROOM I
17.00	End of the meeting	

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Online registration at

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Title ☐ Prof ☐ Dr ☐ Mr ☐ Mrs ☐ Ms

Institution _____

First name _____

Family name _____

Address _____

Postal code/City/Country _____

E-mail _____

Registration fee

Member*
Non-Member
PhD Student**

Early fee

(before June 16, 2019)

☐ CHF 270.00
☐ CHF 300.00
☐ CHF 180.00

Late fee & onsite

(as of June 17, 2019)

☐ CHF 390.00
☐ CHF 420.00
☐ CHF 200.00

Conference Dinner on Tuesday September 3, 2019

☐ CHF 100.00 TTC (limited places)

Daily participation at 50 % of the indicated rate. Please contact the congress management.

* In order to benefit from the Member fee, the annual membership 2019 has to be duly paid to the SSM.

** In order to benefit from the reduced fee, PhD students are required to send a document confirming their status to the Congress Management by fax or scanned within 7 days from the date of registration.