



SWISS SOCIETY FOR MICROBIOLOGY

Annual congress 2018

CHUV – Lausanne

August 28-30, 2018

2018 SSM annual meeting will take place in Lausanne from Tuesday 28th till Thursday 30th of August.

Attend lectures by experts in:

- clinical microbiology
- clinical bioinformatics
- antibiotic resistance
- cell microbiology
- prokaryotic biology
- environmental microbiology
- virology
- mycology
- parasites
- evolution
- lay communication



preliminary program

Congress organization

Prof. Gilbert Greub, Institut de Microbiologie, Lausanne

President SSM-SGM 2016-2018

Prof. Stefan Kunz, Institut de Microbiologie, Lausanne

Co-president of the Scientific Committee

Sébastien Aeby, Institut de Microbiologie, Lausanne

Organizing committee

Scientific committee

Prokaryotic Biology

Mélanie Blokesch + Patrick Viollier

Environmental Microbiology

Pilar Junier + Jan Van der Meer

Mycology

Alix Coste + Sophie Martin

Virology

Stefan Kunz + Volker Thiel

Clinical Microbiology

Jacques Schrenzel + Gilbert Greub

Lay communication

Karl Perron + Gilbert Greub

Invitation word

Dear Colleagues,

The Swiss Society for Microbiology will organize its annual meeting in Lausanne from 28th to 30th August 2018. During 3 days, you will enjoy interesting invited lectures given by experts in the field on a variety of topics related to microbiology, including clinical microbiology, clinical bioinformatics, antibiotic resistance, cell microbiology, prokaryotic biology, environmental microbiology, virology, mycology, parasites, evolution and lay communication.

In addition, specific LS2 NRP72 and 3R sessions have been organized... Thus, whatever your field and your background, for sure you will find the science you are looking for in Lausanne during these 3 days.

Moreover, you will have the opportunity to visit the olympic museum before the gala dinner that will take place there with a beautifull lake view.

I hope to see all of you at the 2018 SSM annual meeting.



Prof. Gilbert Greub
President of the Swiss Society for Microbiology

Venue

University Hospital of Lausanne, CHUV – Auditoires
Rue du Bugnon 46, CH-1011 Lausanne

Registration

online on [www.meeting-com.ch/Conferences & Meetings/2018](http://www.meeting-com.ch/Conferences%20&%20Meetings/2018)
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
T +41 (0)21 312 92 61 • F +41 (0)21 312 92 63
info@meeting-com.ch



Submissions of abstracts

online on www.ssm2018.exordo.com
handled by the Congress Office Management. All information or requirements
on the above-mentioned address

Tuesday, August 28, 2018

10.00-11.30

Room I	CM 1 – Clinical metagenomics Jacques Schrenzel, Geneva (CH)
Room II	EM 1 – Water safety – Tamar Kohn, Lausanne (CH)
Room III	PB 1 – Cell microbiology – Marc Bramkamp, Munich (DE)
Room IV	MY 1 – Clinical mycology – Anne Puel, Paris (FR)
Room V	VI 1 – Virus-host interaction – Daniel Pinschewer, Basel (CH)

11.45-12.45 Exclusive Symposium on automation

13.00-14.30

Room I	CM 2 – Image analysis in modern clinical microbiology Raphael Marcelpoil, Grenoble (FR)
Room II	EM 2 – Metagenomics – Shinichi Sunagawa, Zurich (CH)
Room III	PB 2 – Chromosome architecture in prokaryotes Stephan Gruber, Lausanne (CH)
Room IV	MY 2 – Environmental mycology Katja Gindro, Changins (CH)
Room V	VI 2 – Emerging viruses – Sylvain Baize, Lyon (FR)

14.30-15.00 Coffee break

15.00-16.30

Room I	CM 3 – Molecular diagnosis Adriaan Van Brule, Netherlands (NL)
Room II	EM 3 – Plant-microbes interactions – Julia Vorholt, Zurich (CH)
Room III	PB 3 – Bacterial pathogenesis – Patrick Linder, Geneva (CH)
Room IV	MY 3 – Basic mycology – Markus Kunzler, Zurich (CH)
Room V	VI 3 – Viral tropism and virulence Caroline Tapparel-Vu, Geneva (CH)

16.30-17.00 Break

17.00-18.30 General assembly

18.30-19.00 Aperitif, Lausanne

CM	Clinical Microbiology
EM	Environmental Microbiology
PB	Prokaryotic Biology
MY	Mycology
VI	Virology

Wednesday, August 29, 2018

09.00-09.30

Keynote 1 Megaplate – Roy Kishony, Cambridge MA (US)

09.30-10.00

Keynote 2 Mycobacteria – Abigail Bouwman, Zurich (CH)

10.00-10.30

Coffee break

10.30-12.00

Session 1 Microfluidics and microbiology – Petra Dittrich, Zurich (CH)

Session 2 Innate immunity, Pathogen detection and signaling
Arthur Sommerfeld, Bern (CH)

Session 3 Phages – Yves Mattenberger, Geneva (CH)

Session 4 Microbial pathogenesis – Christoph Dehio, Basel (CH)

Session 5 Vector-borne diseases – Philip Mathis, Bern (CH)

12.00-14.00

Lunch break & Posters SSM

12.45-13.45

Exclusive Symposium: MALDI-TOF

14.00-15.30

Session 6 Mass spectrometry – Jean-Luc Wolfender, Geneva (CH)

Session 7 Innate immunity, Interferon response – Volker Thiel, Bern (CH)

Session 8 Novel microbes, Giant viruses
Mathias Fischer, Heidelberg (DE)

Session 9 Host pathogen interaction, Invasion – Silke Sterz, Zurich (CH)

Session 10 Bacterial genomics – Carmen Buchreiser, Paris (FR)

Session NRP72 New diagnostic tools – speaker tbd

15.30-16.00

Coffee break

16.00-16.30

Session 11 Nanosensors – Giovanni Dietler, Lausanne (CH)

Session 12 Lay communication : Importance of communication
Cid Victor, Madrid (ES)

Session 13 Microbial evolution – Steven Ball, Lille (FR)

Session 14 Bacterial toxins – Guisou Van Der Goot, Lausanne (CH)

Session 15 Parasites – Fabienne Tacchini-Cottier, Lausanne (CH)

Session NRP72 Carbapenemases – speaker tbd

18.00-night

Olympic Museum: visit – apero – gala dinner

Thursday, August 30, 2018

09.00-09.30

Keynote 3 Human microbiota – keynote speaker tbd

09.30-10.00

Keynote 4 Antibiotic resistance in the environment
Pilar Junier, Neuchâtel (CH)

10.00-10.30

Coffee break

10.30-12.00

Session 16 Metagenomics : intestinal microbiota
Thomas Clavel, Freising (DE)

Session 17 Adaptive immunity – Salomé Leibundgut, Zurich (CH)

Session 18 Cell surface structures in prokaryotes
Sonja Verena Albers, Freiburg (DE)

Session 19 Host-pathogen interaction – Agathe Subtil, Paris (FR)

Session 20 Zoonotic pathogen : Tick Borne Encephalitis
Stephen Leib, Bern (CH)

12.00-14.00

Lunch break & Posters SSM

12.45-13.45

Exclusive Symposium

14.00-15.30

Session 21 Metagenomics – Laurence Genton, Geneva (CH)

Session 22 Autophagy (LS2 session) – Thierry Soldati, Geneva (CH)

Session 23 Innovative non mammalian models (3R session)
Lloyd Vaughan, Zurich (CH)

Session 24 Virus transmission and shedding
Giorgio Zanetti, Lausanne (CH)

Session 25 Basics virology : unknown HBV protein
Michel Strubin, Geneva (CH)

15.30-16.00

Coffee break

16.00-16.30

**SSM Poster Awards and
“SSM career encouragement award”**

16.30-17.00

Keynote 5 Leishmania – Nicolas Fasel, Lausanne (CH)

17.00

End of meeting

SSM – Annual congress 2018

Please return to

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Online registration on

www.meeting-com.ch/Conferences & Meetings/2018

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 May 27, 2018)

☐ CHF 270.00
☐ CHF 300.00
☐ CHF 180.00

Late fee & onsite

(as of May 28, 2018)

☐ CHF 390.00
☐ CHF 420.00
☐ CHF 200.00

Gala Dinner on Wed August 29, 2018 ☐ CHF 120.00 (limited places)

Please, indicate the session-s of the pre-symposia (28.08.2018) you would like to attend to

☐ Clinical Microbiology (CM) ☐ Environmental Microbiology (EM)
☐ Prokaryotic Biology (PB) ☐ Mycology (MY) ☐ Virology (VI)

Please, indicate if you would like to attend to

National Research Program NRP72 ☐ on Wed, August 29, 2018

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

* In order to benefit from the Member fee, the annual membership 2018 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.