



SWISS SOCIETY FOR MICROBIOLOGY



Annual congress 2018

CHUV – Lausanne

August 28-30, 2018

Tuesday, August 28, 2018

SSM_SCNAT Sponsored Satellite Symposia

sc|nat⁺

Swiss Academy of Sciences
Akademie der Naturwissenschaften
Accademia di scienze naturali
Académie des sciences naturelles

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



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

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 beautiful lake view.

I hope to see all of you at the 2018 SSM Opening session.



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
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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Submissions of abstracts

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

Contest “Engage your Audience!”

The contest “Engage your Audience!” allows young researchers to present
their research in front of their peers, using a simple and plain register. To do
so, they will have only three minutes available! In order to participate to the
contest applicants should be pursuing their research as PhD student



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Tuesday, August 28, 2018

SSM_SCNAT Sponsored Satellite Symposia



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



Lab Automation: Project and change management

Antony Croxatto, PhD, FAMH specialist in medical
microbiology, CHUV Lausanne (CH)

New trends in laboratory automation

John T Page, Sr Director, Lab Automation
& Software Engineering BD US

13.00-14.30

Room I

CM 2 – Image analysis in modern clinical microbiology
Raphaël Marcelpoil, Grenoble (F)

Room II

EM 2 – Metagenomics – Rizlan Bernier-Latmani, Lausanne (CH)

Room III

PB 2 – Chromosome architecture in prokaryotes
Stephan Gruber, Lausanne (CH)

Room IV

MY 2 – Environmental mycology
Katja Gindro - Sylvain Schnee, Nyon (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, Den Bosch (NL)

Room II

EM 3 – Ecology & evolution – Daniel Croll, Neuchâtel (CH)

Room III

PB 3 – Bacterial pathogenesis – Patrick Linder, Geneva (CH)

Room IV

MY 3 – Basic mycology – Markus Künzler, Zurich (CH)

Room V

VI 3 – Viral tropism and virulence
Caroline Tapparel-Vu, Geneva (CH)

CM

Clinical Microbiology

EM

Environmental Microbiology

PB

Prokaryotic Biology

MY

Mycology

VI

Virology

Tuesday, August 28, 2018

SSM Opening Sessions

17.00-18.00 General assembly

18.00-19.00 Contest "Engage your Audience!"

The contest "Engage your Audience!" allows young researchers to present their research in front of their peers, using a simple and plain register. To do so, they will have only three minutes available! In order to participate to the contest applicants should be pursuing their research as PhD student

19.00-19.30 Aperitif, Lausanne

Wednesday, August 29, 2018

09.00-09.30

Keynote 1 Plant Microbiome – Julia Vorholt, Zurich (CH)

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 – Claire Stanley, Lausanne (CH)

Session 2 Innate immunity, Pathogen detection and signaling
Artur Summerfield, Bern (CH)

Session 3 Phages – Yves Mattenberger, Geneva (CH)

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

Session 5 Vector-borne diseases – Alexander Mathis, Zürich (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
Peter Staehli, Freiburg (DE)

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

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

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

Session NRP72 Combating Antibiotic Resistance

Jörn Piel, Zurich (CH)

Co-chair: Julia Vorholt - Christoph Dehio, Basel (CH)

15.30-16.00

Coffee break

16.00-17.30

Session 11 Nanosensors – Giovanni Dietler, Lausanne (CH)

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

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

Session 14 Bacterial toxins – Daniel Lopez, Madrid (ES)

Session 15 Viral hepatitis – Markus Heim, Basel (CH)

Session NRP72 Combating Antibiotic Resistance

Sebastian Hiller Odermatt, Basel (CH)

Co-chair: Julia Vorholt - Christoph Dehio, Basel (CH)

18.00-night

Olympic Museum: visit – apero – gala dinner

Program

Thursday, August 30, 2018

09.00-09.30

Keynote 3

Metagenomics : intestinal microbiota
High-throughput sequencing meets cultivation for novel insights into mammalian gut bacteria – Thomas Clavel, Freising (DE)

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

Microbial pathology
Maja Ruetten, Tagelswangen (CH)

Session 17

Adaptive immunity – Salomé Leibundgut, Zurich (CH)

Session 18

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

Session 19

Cell microbiology : insight in the biology of toxoplasma
Dominique Soldati-Favre, Genève (CH)

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:

AsT – Bacteriology in routine – Camera and image analysis of Automatization
Theo Liebrechts - Oliver Nolte - Giovanni Turra



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

Cell microbiology : Formation of a pathogen vacuole according to Legionella – Hubert Hilbi, Zurich (CH)

Session 25

Parasites – Fabienne Tacchini-Cottier, Lausanne (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

Sponsors

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SSM – Annual congress 2018

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Registration fee

MEMBER*
NON-Member
PhD Student**

Early fee

(before June 17, 2018)

☐ CHF 270.00
☐ CHF 300.00
☐ CHF 180.00

Late fee & onsite

(as of June 18, 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)
☐ Prokaryotic Biology (PB)

☐ Environmental Microbiology (EM)
☐ 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.