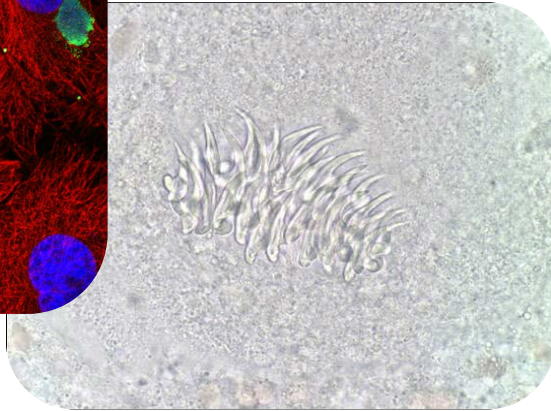
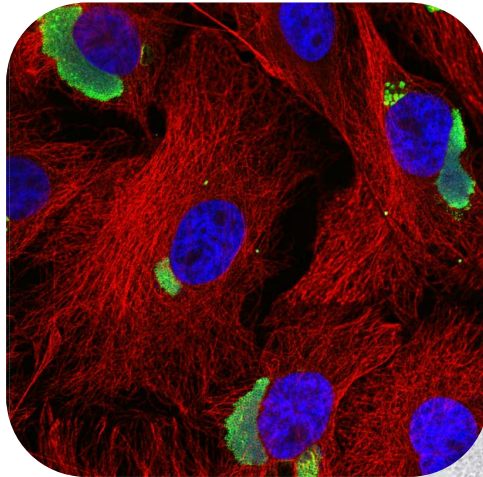




SGM-SSM

SWISS SOCIETY FOR MICROBIOLOGY  
SOCIÉTÉ SUISSE DE MICROBIOLOGIE  
SOCIETÀ SVIZZERA DI MICROBIOLOGIA  
SCHWEIZERISCHE GESELLSCHAFT FÜR MIKROBIOLOGIE



## **ANNUAL MEETING 2016 & SSM Satellite Meetings**



**BERN 13<sup>th</sup> to 15<sup>th</sup> June, 2016**

# **WELCOME TO SSM MICROBIOLOGY MEETING**

## **EVOLUTION**

Dear all,

The SSM annual meeting in Bern will be the 46<sup>th</sup> edition, but you might consider it as a revolutionary one. For the first time the yearly meeting of each section is held at the same time as the general SSM annual meeting. Thus, on the first day you will be able to meet in one of five parallel rooms with the others scientists especially interested in one of the five main themes tackled by our SSM members:

- Clinical microbiology
- Environmental Microbiology
- Prokaryotic Biology
- Mycology
- Virology

Please note that we have dedicated numerous time slots for presentations selected from abstracts in order to particularly give students and PostDocs the opportunity to present and discuss their work. Another revolution is the many sessions dedicated to education, outreach and lay communication. Finally, true revolution, we will have our meeting partially embedded with SULM, the united society of laboratory medicine (see below).

The motto of the congress is nevertheless “evolution” and not “revolution”, since the next two days will have a more familiar format with several outstanding plenary lectures, that will mainly focus on “evolution”: evolution of microbes (symbionts), evolution of antimicrobial resistance, emerging microbes due to an evolution in our lifestyle, evolution of technologies with new “omics” approaches making our understanding of diversity and ecology much more accurate, evolution of the place that microbiology has in the society (increased importance due to major recent outbreaks such as Ebola, Zika, ...).

We hope that this scientific program will help Swiss microbiologists to further develop since we need to evolve and improve our knowledge just to stay as good as we are due to the major evolution that also take place in our specialty, whatever the field. Thus,

fundamental virology, basic research in mycology and prokaryotic biology all largely benefit from new molecular and cell microbiology tools whereas environmental and clinical microbiology have both been largely impacted by the availability of new high throughput technologies. Thus, for example, clinical diagnostic microbiology which was earlier mainly a specialty aiming at the diagnosis of infectious diseases is now progressively also helping the etiological diagnosis of non-infectious diseases such as obesity, asthma and diabetes. This change in sequencing throughput, a true revolution for diagnostic laboratories, led to another challenge: how to adapt to the wave of big data.

To answer this question, the many symposia organized on big data by the SULM will for sure attract much interest. The SULM meeting will also dedicate quite a large part to the rapid tests, which also modify how clinical diagnostic is done nowadays.

Thanks to the local organizing committee, we will also have a revolution in the format of the evening events with a “students party on Monday” and a gala dinner on Tuesday.

Everything is ready to welcome you in Bern from 13<sup>th</sup> to 15<sup>th</sup> June.

Best regards

Gilbert Greub & Volker Thiel

## ***MEETING INFORMATION***

### ***KEY DATES:***

Deadline for submission of abstracts:	<b>March 14<sup>th</sup>, 2016</b>
Notification of acceptance of abstracts:	<b>April 4<sup>th</sup> 2016</b>
Deadline for "early bird" Congress fee:	<b>April 8<sup>th</sup> 2016</b>
Pre-SSM meeting satellite symposia:	13 <sup>th</sup> June 2016
SSM annual meeting:	14-15 <sup>th</sup> June 2016

### ***AUDIO VISUAL:***

Oral presentations must be in Powerpoint (ppt) or PDF format  
Files must be on a memory stick

### ***REGISTRATION:***

Please register through the SULM website:

<http://www.sulm.ch/f/swissmedlab/enregistrement/inscription> .

**Cost is lower before 8<sup>th</sup> April,**

i.e. 240.- for all three days for senior laboratory head & faculty & 160.- for all three SSM days for PhD students and postdocs

The registration fees of at least the presenting author should be paid at the time of the abstract submission. Profit from the early-bird fee.

## **VENUE OF THE MEETING:**

Congress center of BERNEXPO



BERNEXPO AG •• Mingerstrasse 6 •• CH-3000 Bern 22 ••  
T +41 31 340 11 11 •• F +41 31 340 11 10 •• [info@bernexpo.ch](mailto:info@bernexpo.ch)

## **HOW TO REACH THE MEETING?**

### ***By public transportation***

From the railway station:

TRAM N° 9 to Guisanplatz

BUS N° 20 to Wyler

BUS N° 28 to Wankdorfplatz

Trains to S-Bahn Wankdorf station

### ***By Car***

Thanks to the proximity to the motorway, it is easy to come by car. Parking spaces are available on the websites of BERNEXPO and accessible 24h.

## **LOCAL ORGANIZING COMMITTEE:**

Vincent Perreten, Stephen Leib, Meri Gorgievski-Hrisoho, Barbara Gautschi , Christine Herzig, Volker Thiel

## **SCIENTIFIC COMMITTEE:**

Reto Lienhard, Jacques Schrenzel, Vincent Perreten, Beat Christen, Reinhard Zbinden, Stephen Leib, Pilar Junier, Alexis Dumoulin; Andrea Zbinden, Patrick Viollier, Sanglard Dominique, Meri Gorgievski; Karl Perron, Reno Frei, Salome Leibundgut-Landmann, Annelies Zinkernagel, Christof Holliger, Adrian Egli, Gilbert Greub, Volker Thiel



## SGM students party¶

→ June 13, 2016 from 7.30pm until midnight¶

### How to find the Eventforum Bern¶

#### By car...¶

- You leave A1 highway in «Bern Forsthaus»¶
- Turn left at the first light into Bremgartenstrasse¶
- Turn right on the parking spot Hochschulzentrum¶

¶

#### Public transportation...¶

- From main station Bern take bus no. 11 until stop «Güterbahnhof»¶
- From there walk right over the bridge¶
- After the first building turn left through the (green) door, then you are right beside the Eventforum Bern¶
- Or you take the Länggassbus no. 12 until the end station, after that you take a short walk from Länggassstrasse along Fabrikstrasse of around 5 min.¶

¶

¶

EVENTFORUM  
B E R N



- ✓→ Last bus no. 12 from Länggasse to the main station: 00:18am¶
- ✓→ Last bus no. 11 direction to the main station: 00:18am¶

¶

¶

¶

## ***SPEAKERS LIST:***

Bachofen	Claudia	Session II 13.06.16	Van de Veerdonk	Frank	Session III 13.06.16
Ball	Steven	Session IX 15.06.16	Van der Woude	Marjan	Session X 15.06.16
Barral	Yves	Session I 13.06.16	Verran	Joanna	Po.Session II 15.06.16
Battin	Tom	Session I 13.06.16	Viollier	Patrick	Session VIII 14.06.16
Berkhout	Ben	Session III 13.06.16	Vjestica	Aleksandar	Session I 13.06.16
Bernasconi	Eric	Session III 14.06.16			
Biondi	Emanuele	Session X 15.06.16			
Böttger	Erik C.	Session VI 14.06.16			
Brunke	Sascha	Session I 14.06.16			
Bumann	Dirk	Session V 14.06.16			
Carabeo	Ray A.	Session II 14.06.16			
Darcy	Christen	Po.Session I 14.06.16			
Domingo	Esteban	Session I 14.06.16			
Drancourt	Michel	Session II 15.06.16			
Eberl	Leo	Session IX 15.06.16			
Enjuanes	Luis	Session IV 13.06.16			
Ernberg	Tobias	Session I+II 13.06.16			
Falquet	Laurent	Session X 15.06.16			
Fischer	Matthias	Session VIII 14.06.16			
Garcia-Sastre	Adolfo	Pl.Session I + S. VII 14.06.16			
Genevaux	Pierre	Session II 13.06.16			
Gorgievski-Hrisoho	Meri	Session II 13.06.16			
Greber	Urs	Session II 14.06.16			
Helsloot	Alina	Session I+ II 13.06.16			
Hoepfner	Dominic	Session IV 13.06.16			
Ibelings	Bastiaan	Session II 13.06.16			
Invernizzi	Cédric	Session VII 14.06.16			
Jaton-Ogay	Katia	Session III 13.06.16			
Kaiser	Laurent	Session IV 14.06.16			
Leendert	Hamoen	Session III 13.06.16			
Lemaitre	Bruno	Pl.Session I 14.06.16			
McCoy	Kathleen	Session III 14.06.16			
Pernthaler	Jakob	Session III 13.06.16			
Poirel	Laurent	Session VI 14.06.16			
Ruppe	Etienne	Session I 13.06.16			
Salathé	Marcel	Pl.Session III 15.06.16			
Sanders	Ian	Session II 13.06.16			
Shimizu	Tom	Session V 14.06.16			
Suzuki	Nobuhiro	Session I 13.06.16			
Tait	Joyce	Session VII 14.06.16			
Vollmer	Waldemar	Session I 13.06.16			
Woebken	Dagmar	Session IV 13.06.16			
Zimmerli	Stefan	Pl.Session II 15.06.16			
Zürcher	Samuel	Session IV 14.06.16			

# ***PROGRAM OF THE SULM PART OF THE MEETING***

In this SULM program, please note that two sessions are especially related to microbiology:

- A session on rapid tests (chaired by J Schrenzel)
- A session on genomics and metagenomics (chaired by G Greub)

See the following website for details:

<http://www.sulm.ch/d/swissmedlab>



# ***PRELIMINARY PROGRAM OF THE SSM PART OF THE MEETING***

**June 13, 2016**

## ***Swiss Clinical Microbiology Symposium 2016***

Kongressraum 1

<b>09:00-09:15</b>	<b>Welcome</b> Chaired by Jacques Schrenzel and Gilbert Greub
<b>09:15-12:30</b>	<b>Session I</b>
09:15-09:45	Clinical Metagenomics Etienne Ruppe, CH, Geneva
09:45-10:00	Short talk selected from abstracts
10:00-10:15	Short talk selected from abstracts
10:15-10:30	Short talk selected from abstracts
<b>10:30-11:00</b>	<b>Coffee Break</b>
	<b>Session II</b>
11:00-11:30	Bacterial genomics: clinical applications (Speaker not yet confirmed)
12:00-12:15	Short talk selected from abstracts
12:15-12:30	Short talk selected from abstracts
<b>12:30-14:00</b>	<b>Lunch Break</b>
<b>13:00-14:00</b>	<b>Students' Skills and Career Workshop</b> Foyer Nord Chaired by Alexis Dumoulin
13:00-13:30	How to get published Alina Helsloot, Elsevier, NL, Amsterdam
13:30-14:00	How to find a job outside of academia Tobias Ernberg, Coulter Partners, CH, Eysins
<b>13:00-14:00</b>	<b>Lunchworkshop: BD Symposium</b>

**14:00-17:00****Session III**

14:00-14:30

Automation in molecular diagnosis: opportunities and difficulties

Katia Jatton-Ogay, CH, Lausanne

14:30-14:45

Short talk selected from abstracts

14:45-15:00

Short talk selected from abstracts

15:00-15:15

Short talk selected from abstracts

15:15-15:30

Short talk selected from abstracts

**15:30-16:00****Coffee Break****16:00-18:00****Session IV****16:00-16:45****Workshop Axonlab**

16:45-17:15

Applications of MALDI-ToF MS beyond microbial identification

Jordi Vila, Spain, Barcelona

17:15-17:30

Short talk selected from abstracts

17:30-17:45

Short talk selected from abstracts

17:45-18:00

Short talk selected from abstracts

**Students' Party****19:30 Eventforum Bern**

**June 13, 2016**

***Swiss Prokaryotic Biology Symposium 2016***

Kongressraum 2

**09:00-09:15**

**Welcome**

Chaired by Patrick Viollier

**09:15-12:30**

**Session I: The envelope – from walls to molecules**

09:15-09:45

Regulation of bacterial cell wall growth

Waldemar Vollmer, UK, Newcastle

09:45-10:00

Short talk selected from abstracts

10:00-10:15

Short talk selected from abstracts

10:15-10:30

Short talk selected from abstracts

**10:30-11:00**

**Coffee Break**

**Session I: The envelope – from walls to molecules; continued**

11:00-11:15

Short talk selected from abstracts

11:15-11:30

Short talk selected from abstracts

11:30-11:45

Short talk selected from abstracts

11:45-12:00

Short talk selected from abstracts

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

**12:30-14:00**

**Lunch Break**

**13:00-14:00**

**Students' Skills and Career Workshop**

Foyer Nord

Chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

**13:00-14:00**

**Lunchworkshop: BD Symposium**

**14:00-17:00                      Session II: The 3 Cs – cytoplasm, chromatin and chaperones**

14:00-14:30                      The complex life of poisons, antidotes and their chaperones

Pierre Genevaux, France, Toulouse

14:30-14:45                      Short talk selected from abstracts

14:45-15:00                      Short talk selected from abstracts

15:00-15:15                      Short talk selected from abstracts

15:15-15:30                      Short talk selected from abstracts

**15:30-16:00                      Coffee Break**

16:00-16:15                      Short talk selected from abstracts

16:15-16:30                      Short talk selected from abstracts

**16:30-18:00                      Session III: Cell biology – seeing is believing**

16:30-17:00                      How bacterial cell biology can help identifying the mode of action of antimicrobial compounds

Leendert Hamoen, NL, Amsterdam

17:00-17:15                      Short talk selected from abstracts

17:15-17:30                      Short talk selected from abstracts

17:30-17:45                      Short talk selected from abstracts

17:45-18:00                      Short talk selected from abstracts

**Students' Party**

**19:30 Eventforum Bern**

June 13, 2016

## **Swiss Virology Symposium 2016**

Foyer Nord

**09:00-09:15**

### **Welcome**

Chaired by Volker Thiel, Stephen Leib, Meri Gorgievski

**09:15-12:30**

### **Session I: Antiviral defense**

09:15-09:45

Antiviral defense in the phytopathogenic filamentous ascomycete, *Cryphonectria parasitica*

Nobuhiro Suzuki, Japan, Okayama

09:45-10:00

Short talk selected from abstracts

10:00-10:15

Short talk selected from abstracts

10:15-10:30

Short talk selected from abstracts

**10:30-11:00**

### **Coffee Break**

### **Session II: Virological toolbox**

11:00-11:30

xCELLigence® impedance-based, label-free, real-time cell analysis systems: A new method for innovative solutions in viral studies

Meri Gorgievski-Hrisoho, CH, Bern

11:30-12:00

Next generation sequencing as a helpful tool for virus detection

Claudia Bachofen, CH, Zürich

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

**12:30-14:00**

### **Lunch Break**

**13:00-14:00**

### **Students' Skills and Career Workshop**

Foyer Nord

Chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

**13:00-14:00**

### **Lunchworkshop: BD Symposium**

<b>14:00-17:00</b>	<b>Session III: Basic Virology (supported by CUSO)</b>
14:00-14:30	Novel antiviral strategies: peptides, RNAi and CRISPR-Cas Ben Berkhout, NL, Amsterdam
14:30-14:45	Short talk selected from abstracts
14:45-15:00	Short talk selected from abstracts
15:00-15:15	Short talk selected from abstracts
15:15-15:30	Short talk selected from abstracts
<b>15:30-16:00</b>	<b>Coffee Break</b>
<b>16:00-18:00</b>	<b>Session IV: Basic Virology*</b>
16:00-16:30	Emerging human coronaviruses – pathogenesis and protection Luis Enjuanes, Spain, Madrid
16:30-16:45	Short talk selected from abstracts
16:45-17:00	Short talk selected from abstracts
17:00-17:15	Short talk selected from abstracts
17:15-17:30	Short talk selected from abstracts
17:30-17:45	Short talk selected from abstracts
17:45-18:00	Short talk selected from abstracts

## **Students' Party**

**19:30 Eventforum Bern**

**June 13, 2016**

***Swiss Environmental Microbiology Symposium 2016***

Kongressraum 4

**09:00-09:15**

**Welcome**

chaired by Christof Holliger

**09:15-12:30**

**Session I**

09:15-09:45

The ecology of microbial biofilms in streams

Tom Battin, CH, Lausanne

09:45-10:00

Short talk selected from abstracts

10:00-10:15

Short talk selected from abstracts

10:15-10:30

Short talk selected from abstracts

**10:30-11:00**

**Coffee Break**

**Session II**

11:00-11:30

Phytoplankton chytrids: unknown, unloved, underestimated

Bastiaan Ibelings, CH, Geneva

11:30-11:45

Short talk selected from abstracts

11:45-12:00

Short talk selected from abstracts

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

**12:30-14:00**

**Lunch Break**

**13:00-14:00**

**Students' Skills and Career Workshop**

Foyer Nord

chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

**13:00-14:00**

**Lunchworkshop: BD Symposium**

**14:00-17:00****Session III**

14:00-14:30

TBA

Jakob Pernthaler, CH, Zürich

14:30-14:45

Short talk selected from abstracts

14:45-15:00

Short talk selected from abstracts

15:00-15:15

Short talk selected from abstracts

15:15-15:30

Short talk selected from abstracts

**15:30-16:00****Coffee Break****16:00-18:00****Session IV**

16:00-16:30

Combining stable isotope labelling and single-cell analysis to elucidate the function of microorganisms in soil

Dagmar Woebken, A, Wien

16:30-16:45

Short talk selected from abstracts

16:45-17:00

Short talk selected from abstracts

17:00-17:15

Short talk selected from abstracts

17:15-17:30

Short talk selected from abstracts

17:30-17:45

Short talk selected from abstracts

17:45-18:00

Short talk selected from abstracts

**Students' Party****19:30 Eventforum Bern**



June 13, 2016

## **Swiss Mycology Symposium 2016**

Kongressraum 7

**09:00-09:05**

### **Welcome**

Chaired by Dominique Sanglard

**09:05-10:35**

### **Session I: Fundamental mycology, Yeast Molecular Biology**

Chaired by Serge Pelet

09:05-09:35

How do cells distinguish self from non-self DNA? Insights from fungi

Yves Barral, CH, Zürich

09:35-09:55

Rapid asymmetric induction of meiosis prevents polyploidy in fission yeast

Aleksandar Vjestica, CH, Lausanne

09:55-10:10

Short talk selected from abstracts

10:10-10:25

Short talk selected from abstracts

10:25-10:40

Short talk selected from abstracts

**10:40-11:00**

### **Coffee Break**

### **Session II: Fungal Interactions**

Chaired by Pilar Junier

11:00-11:30

Improving the world's food supply using microbes: The power of fungal genetics

Ian Sanders, CH, Lausanne

11:30-11:45

Short talk selected from abstracts

11:45-12:00

Short talk selected from abstracts

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

**12:30-14:00**

### **Lunch Break**

**13:00-14:00**

### **Students' Skills and Career Workshop**

Foyer Nord

Chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

**13:00-14:00            Lunchworkshop: BD Symposium**

**14:00-17:00            Session III**

Chaired by Salomé Leibundgut-Landmann

14:00-14:30            Novel insights in antifungal host-defense

Frank Van de Veerdonk, NL, Nijmegen

14:30-14:50            Short talk selected from abstracts

14:50-15:05            Short talk selected from abstracts

15:05-15:20            Short talk selected from abstracts

15:20-15:35            Short talk selected from abstracts

**15:35-16:00            Coffee Break**

16:00-16:15            Short talk selected from abstracts

16:15-16:30            Short talk selected from abstracts

**16:30-18:00            Session IV: Antifungal development**

Chaired by Dominique Sanglard

16:30-17:00            Friend or Foe? How yeast genetics helps to identify novel antifungal targets

Dominic Hoepfner, CH, Novartis Basel

17:00-17:15            Short talk selected from abstracts

17:15-17:30            Short talk selected from abstracts

17:30-17:45            Short talk selected from abstracts

17:45-18:00            Short talk selected from abstracts

**Students' Party**

**19:30 Eventforum Bern**

June 14, 2016

## ***SSM Annual Meeting 2016***

**09:00-09:15**            **Welcome and Introduction**

**09:15-10:15**            **Plenary Session I: Microbe-host interaction**

Kongressraum 1

Chaired by Volker Thiel and Gilbert Greub

09:15-09:45

Influenza virus-host interactions

Adolfo Garcia-Sastre, USA, New York

09:45-10:15

The Drosophila-Spiroplasma interaction as a model to dissect the molecular mechanisms underlying insect endosymbiosis

Bruno Lemaitre, CH, Lausanne

**10:15-11:00**            **Coffee Break**

**11:00-12:30**            **Parallel Sessions 1 – 4**

### **Session 1: Microbe evolution**

Kongressraum 1

Chaired by Dominique Sanglard and Stefan Kunz

11:00-11:30

Molecular mechanisms of virus escape to mutagenic and non-mutagenic inhibitors

Esteban Domingo, Spain, Madrid

11:30-12:00

Experimental evolution of fungal pathogens in immune cells

Sascha Brunke, Germany, Jena

12:00-12:15

Short talk selected from abstracts

### **Session 2: Microbe entry**

Foyer Nord

Chaired by Vincent Perreten and Silke Stertz

11:00-11:30

Entry of Chlamydia

Ray A. Carabeo, UK, London

11:30-12:00

How lipid signaling tunes non-enveloped virus infections

Urs Greber, CH, Zürich

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

June 14, 2016

## ***SSM Annual Meeting 2016***

### **Session 3: Host Responses to Microbes**

Kongressraum 4

Chaired by Salomé Leibundgut-Landmann and Annelies Zinkernagel

- |             |   |
|-------------|---|
| 11:00-11:30 | The maternal microbiota shapes development of the neonatal innate immune system<br>Kathleen McCoy, CH, Bern |
| 11:30-12:00 | The lung microbiota shapes host innate immunity<br>Eric Bernasconi, CH, Lausanne                            |
| 12:00-12:15 | Short talk selected from abstracts  |
| 12:15-12:30 | Short talk selected from abstracts  |

### **Session 4: Clinical Virology**

Kongressraum 7

Chaired by Meri Gorgievski and Stephen Leib

- |             |  |
|-------------|--|
| 11:00-11:30 | Expected and less expected challenges in clinical virology<br>Laurent Kaiser, CH, Geneva                     |
| 11:30-12:00 | Evolution in viral diagnostics – Physicians's expectation and analytical reality<br>Samuel Zürcher, CH, Bern |
| 12:00-12:15 | Short talk selected from abstracts   |
| 12:15-12:30 | Short talk selected from abstracts   |

**12:30-14:00      Lunch Break**

**13:00 – 14:00      Lunchworkshop: Axonlab**

**14:00-15:30      Poster Session I**

Poster with even number will be presented; Poster walks with selected Posters

June 14, 2016

## ***SSM Annual Meeting 2016***

**14:30-15:30      Mini-symposium on Education and Outreach on Microbiology**  
**“Making the bridge: talking about epidemic outbreak to the broad public”**

Foyer Nord

Chaired by Karl Perron and Aurélia Weber

14:30-15:00      TBA

Christen Darcy, CH, Lausanne (to be confirmed)

15:00-15:15      Short talk selected from abstracts

15:15-15:30      Short talk selected from abstracts

**15:30-16:15      Welcome-Apéro**

**16:00-17:30      Parallel Sessions 5 - 8**

**Session 5: Systems Microbiology**

Kongressraum 1

Chaired by Beat Christen and Jacques Schrenzel

16:00-16:30      Single-cell analysis of Salmonella virulence and therapy in infected host tissues

Dirk Bumann, CH, Basel

16:30-17:00      Variability in bacterial chemotactic signaling revealed by FRET in single cells

Tom Shimizu, Amsterdam

17:00-17:15      Short talk selected from abstracts

17:15-17:30      Short talk selected from abstracts

**Session 6: Clinical Microbiology**

Foyer Nord

Chaired by Reinhard Zbinden and Vincent Perreten

16:00-16:30      Aminoglycosides – drug development

Erik C. Böttger, CH, Zürich

16:30-17:00      Acquired Resistance to polymyxins in Enterobacteriaceae; mechanisms and detection methods  
Laurent

Laurent Poirel, CH, Fribourg

17:00-17:15      Short talk selected from abstracts

17:15-17:30      Short talk selected from abstracts

June 14, 2016

## ***SSM Annual Meeting 2016***

### **Session 7: Dual Use Research of Concern (DURC) – Public Discussion**

Kongressraum 4

Chaired by Volker Thiel and Stephen Leib

16:00-16:20

Molecular biocontainment

Adolfo Garcia-Sastre, USA, New York

16:20-16:40

Life Science Research Meets Export Controls: The Dual Use Problem

Cédric Invernizzi, CH, Spiez

16:40-17:00

Governing Synthetic Biology : Balancing Risks and Benefits

Joyce Tait, UK, Edinburgh

17:00-17:30

**Round Table discussion**

### **Session 8: Microbe replication**

Kongressraum 7

Chaired by Gilbert Greub and Cornel Freafel

16:00-16:30

Giant Viruses and virophages : overview and insight in their replication and co-evolution

Matthias Fischer, D, Heidelberg

16:30-17:00

Coming full circle: cell division in free-living and obligate intracellular bacteria

Patrick Viollier, CH, Geneva

17:00-17:15

Short talk selected from abstracts

17:15-17:30

Short talk selected from abstracts

**17:30-18:30**

### **Annual Assembly of the SSM**

Kongressraum 1

### **Conference Dinner**

**June 15, 2016**

***SSM Annual Meeting 2016***

**09:00-10:15      Plenary Session II: Looking back to the past**

Kongressraum 2

Chaired by Stephen Leib and Gilbert Greub

09:00-09:35      Intentional transmission of HIV and HCV by injection of blood – the Berne criminal case  
Stefan Zimmerli, CH, Bern

09:35-10:15      Paleomicrobiology of Plague  
Michel Drancourt, Marseille, France

**10:15-11:00      Coffee Break**

**11:00-12:30      Parallel Sessions 9 – 10**

**Session 9: Symbionts**

Foyer Süd

Chaired by Pilar Junier and Nicola Jacquier

11:00-11:30      Endosymbiosis : how bacteria contributed to current metabolic capacities of plant plastids  
Stephen Ball, France, Paris

11:30-12:00      Leaf nodule symbiosis  
Leo Eberl, CH, Zürich

12:00-12:15      Short talk selected from abstracts

12:15-12:30      Short talk selected from abstracts

**Session 10: Epigenetics**

Kongressraum 4

Chaired by Patrick Viollier and Beat Christen

11:00-11:30      DNA methylation, clonal heterogeneity and Salmonella virulence  
Marjan van der Woude, UK, York

11:30-12:00      Bacterial methylome analysis with PacBio data  
Laurent Falquet, CH, Fribourg

12:00-12:30      The spatial and temporal control of transcription by the cell cycle regulator GcrA depends on DNA methylation in *Caulobacter crescentus*  
Emanuele Biondi, France, Marseille

June 15, 2016

***SSM Annual Meeting 2016***

<b>12:30-14:00</b>	<b>Lunch Break</b>
13:00 – 14:00	<b>Lunchworkshop: BioMérieux</b>
<b>14:00-15:30</b>	<b>Poster Session II</b> Poster with odd numbers will be presented; Poster walks with selected Posters
<b>14:30-15:30</b>	<b>Mini-symposium on Education and Outreach on Microbiology</b> <b>“From the lab with love: how to promote scientific education using microbiology”</b> Foyer Nord Chaired by Karl Perron and Massimo Caine
14:30-15:00	Mixed cultures: engaging the public with microbiology using the arts and humanities Joanna Verran, UK, Manchester
15:00-15:15	Short talk selected from abstracts
15:15-15:30	Short talk selected from abstracts
<b>15:30-16:15</b>	<b>Coffee Break</b>
<b>16:15-17:30</b>	<b>Planary Session III, SSM Awards and Closure of SSM Annual Assembly 2016</b> Kongressraum 1
<b>16:15-16:45</b>	<b>Planary Session III</b> Chaired by Alexis Dumoulin Digital Health and Epidemiology: Opportunities and Challenges Marcel Salathé, CH, Lausanne
<b>16:45-17:00</b>	<b>SSM Award and lecture of Award Winner</b> <b>SSM Poster Awards</b> <b>Info on SSM Annual Assembly in Basel 2017</b> <b>End of meeting</b>



## **MINI-SYMPOSIUM ON EDUCATION AND OUTREACH ON MICROBIOLOGY**

*Dear members,*

*We are glad to inform you that the SSM, in the context of its annual meeting, is organizing a specific session dedicated to Education and Outreach. Here you will have the possibility to listen to outstanding international speakers active in the field of microbiology education and communication. Furthermore, thanks to a dedicated schedule, you may also present your past, present or future experiences in communicating microbiology either during a poster session or by giving a short talk.*

*In the latter case an abstract-based selection will be performed, thus we kindly invite you to submit your abstract during the enrollment process. In the abstract submission web page, a specific section is available entitled “education and outreach” that need to be specifically selected.*

*The session will be divided in two days. The first day (14.06) will focus on "Making the Bridge: Talking about Epidemic Outbreak to the Broad Public". The second day (15.06) will focus on "From the Lab with Love: How to Promote Scientific Education Using Microbiology".*

*Looking forward to meeting you there*

*Massimo Caine, Karl Perron and Aurélia Weber*

## **DUAL USE RESEARCH OF CONCERN (DURC) – PUBLIC DISCUSSION**

*Dear members,*

*“Dual Use Research of Concern” (DURC) is of importance for many microbiologists and the SSM will organize a specific session to hear world-leading experts on this topic and to have a public discussion afterwards. Don’t miss the opportunity to discuss the benefits and concerns of our Science with the experts and the audience.*

*We look forward to seeing you on Tuesday, June 14<sup>th</sup>, at 4pm (Session VII).*

*Stephen Leib and Volker Thiel*

## ***ABSTRACT SUBMISSION***

All details regarding the preparation and submission of the abstracts are available on the SULM website: <http://abstracts.swissmedlab.ch/index.php?path=home/instructions>

Below a summary of the most important points:

- To submit an abstract, you must first register on the SULM website.
- Accepted abstracts will be published in the online edition of the journal "Clinical Chemistry and Laboratory Medicine (CCLM)"
- Your abstract must be submitted via the SULM website before March 1st, 2016 24.00 (GMT +2).
- Not more than approx. 2,200 characters are allowed (approx. 400 words)
- Using letters of 12 characters per inch (cpi) for all the abstract including title, authors' names and authors' affiliations.
- Type the text single spaced with no paragraphs or indentations.
- Figures must not be included, tables should be avoided.
- The abstract title should be brief and specific, without any abbreviation. Use bold font for the title.
- The initial letter of the title is a capital, the rest lower case.
- Authors' names start with their initial(s) and are followed by their second names. Authors' names are in plain font.
- Underline the corresponding author.
- Provide department, institution, town and country of all authors (no country abbreviation before postal code).
- If there is more than one affiliation, add superscript numbers to each author name and precede each affiliation with the corresponding superscript number. Run on and do not start a new line with a new affiliation
- Use standard abbreviations only. When you use non-standard abbreviations, spell out the full word at first mentioning and insert the abbreviation in parenthesis, after then use the abbreviation consistently.
- References in text, if any, are numbered style in parentheses in the order of their citation. At the end of the text citations should be assembled in the order they appear in the text in accordance with the Vancouver style, e. g.:
  1. Jacobsen DW, Catanescu O, DiBello PM, Barbato JC. Clin Chem Lab Med 2005;43:1076-83.
  2. Kleine TO. In: Ruiz-Torres A, Hofecker G, editors. Modification of rate of aging. Wien:Facultas, 1992:177-82.
- The names of the journals should be abbreviated according to the Chemical Abstracts Bibliographic Source Index. Give first and last pages.

The abstract should be in English. Poster and oral presentation will also be in English.

