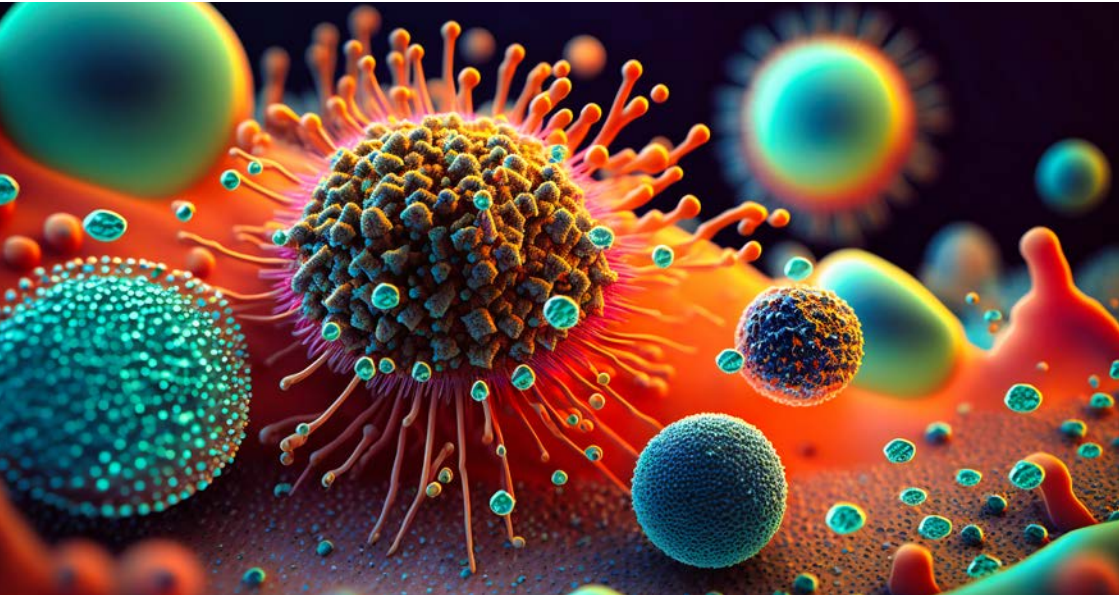




fibs



Program

Joint Annual Meeting 2024

Swiss Society for Infectious Diseases SSI

Swiss Society for Microbiology SSM

Swiss Society for Hospital Hygiene SSHH with fibs | SIPI

fibs - Fachexperten/-innen für Infektionsprävention

SIPI - Spécialistes Infirmiers en Prévention de l'Infection

August 28-30, 2024

Kursaal Bern

sginf2024.congress-imk.ch

10:30-12:00

Panorama 1

SSM Session 5 – Swiss Mycology Symposium

Chair: Fabio Palmieri, Neuchâtel

10:30-11:00

Viruses that infect fungi through the eyes of a phytopathologist

Carolina Cornejo, Birmensdorf

11:00-11:20

0014 | Population genetics and molecular epidemiology of wheat powdery mildew in Europe

F Menardo, J Jigisha | Zurich

11:20-11:40

0015 | The use of biological soil monitoring data to track fungal plant pathogenic taxa

KE Sullam, F Gschwend, C Panzetti, J Enkerli, F Widmer | Zurich

11:40-12:00

0016 | Volatile-mediated interaction between plant-associated beneficial microorganisms and phytopathogenic fungi

S Bruisson, A Anand, ND Rappo, F L'Haridon, L Weisskopf | Fribourg

12:15-13:30

Lunch

13:30-15:00

Kursaal Arena

SSM Session 6 – Challenges in diagnostic testing

Chairs: Vladimira Hinic, Zurich | Peter M. Keller, Basel

13:30-14:00

IVDR: where do we stand?

Alix T. Coste, Lausanne

14:00-14:30

Quality controls out of control

Alexis Dumoulin, Sion

14:30-14:45

0017 | Emergence of OXA-23-producing *Proteus mirabilis* in Switzerland

J Findlay, P Nordmann, R Stephan, L Poirel | Fribourg; Zurich

14:45-15:00

0018 | Rapid detection of expanded-spectrum β -lactamase and carbapenemase producers in Enterobacterales : The Rapid Combo ESBL/Carba NP test

C Viguier, M Bouvier, A Kerbol, P Laurent, P Nordmann | Toulouse, FR; Fribourg

13:30-15:00

Aare

SSM Session 7 – Molecular Microbiology – Microbial Physiology – Inglorious Basterds

Chairs: Peter Sander, Zurich

13:30-14:00

Physiology of predator *Bdellovibrio bacteriovorus*: from 'OMICS' to molecular mechanisms

Simona G. Huwiler, Zurich

14:00-14:20

0019 | Induction, characterization, and resuscitation of viable but non-culturable *Legionella pneumophila*

C Schmid, H Hilbi | Zurich

14:20-14:40

0020 | Biochemical and structural characterization of *Mycobacterium tuberculosis* Rv2783c (GpsI) as novel drug target

T Griesser, P Sander | Zurich

14:40-15:00

0021 | Enhancing therapy of *Pseudomonas aeruginosa* in urinary tract infections with combinatorial anti-biofilm approaches in human bladder microtissues

A Brecht, C Flores, C Dehio | Basel

13:30-15:00

Panorama 1

SSM Session 10 – Swiss Mycology Symposium

Chair: Michael Hans-Peter Studer, Zollikofen

13:30-14:00

Innovating in entangled systems: From problem to minimum viable segment for fungal systems

Lucas Grob, Zurich

14:00-14:20

0028 | Lignocellulosic wastes degradation for biopolymer biosynthesis

V Broccard, V Amstutz, M Zinn | Sion

14:20-14:40

0029 | Genetic structure and long-term genetic diversity assessment of Burgundy truffle populations in central Europe

L Baumann, B Dauphin, L Schürz, F Staubli, R Graf, B Steidinger, M Peter | Zurich; Birmensdorf

14:40-15:00

0030 | Importance of drought conditions in structuring root fungal communities of healthy and decaying juvenile beech trees

F Fracchia, S Brodbeck, R Graf, L Walthert, A Kohler, M Peter, B Dauphin | Champenoux, FR; Birmensdorf; Nancy, FR

15:00-15:30

Coffee Break

15:30-17:00

Kursaal Arena

SSM Session 11 – Advances in sequencing technologies

Chairs: Gilbert Greub, Lausanne | Adrian Egli, Basel

15:30-16:00

Long read sequencing: ready for the routine?

Alban Ramette, Bern

16:00-16:30

The Swiss Pathogen Surveillance Platform

Aitana Neves, Geneva

16:30-16:45

0031 | First complete genome sequence of an Enterococcus devriesei isolated from Zophobas morio larvae

C Kundlacz, Y Eddoubaji, C Aldeia, El Campos-Madueno, V Perreten, A Endimiani | Bern

16:45-17:00

0032 | Whole genome sequence-based characterisation of Campylobacter isolated from broiler carcasses over a three-year period in a big poultry slaughterhouse reveals high genetic diversity and a recurring genomic lineage of Campylobacter jejuni

M Nüesch-Inderbinen, MJ Stevens, R Stephan, JA Horlbog, N Cernela | Zurich

15:30-17:00

Scenario 1

SSM Session 14 – Virology

Chairs: Valeria Cagno, Lausanne

15:30-16:00

Coronaviruses – Catch me if you can

Stephanie Pfänder, Hamburg, DE

16:00-16:20

Live propagation-deficient viruses as vaccines against SARS-CoV-2 and beyond

David Hauser, Basel

16:20-16:40

0040 | Targeting viral RNA as new approach for antivirals: from in silico to cells

G Mathez, M Bufano, D Incarnato, A Brancale, V Cagno | Lausanne; Prague, CZ; Groningen, NL

16:40-17:00

0041 | Inactivation mechanism of SARS-CoV-2 at acidic pH

I Glas, L Zimmermann, M Pohl, B Luo, A Schaub, L Klein, S David, N Bluvshstein, K Violaki, G Motos, W Hugentobler, A Nenes, U Krieger, T Peter, T Kohn, P Chlanda, S Stertz | Zurich; Heidelberg, DE; Lausanne

15:30-17:00

Panorama 1

SSM Session 15 – Swiss Mycology Symposium

Chair: Markus Künzler, Zurich

15:30-16:00

How to get lucky in science? Learn through teaching, recognize opportunities, and trust the data (Farewell lecture)

Bruce McDonald, Zurich

16:00-16:20

0042 | Asymmetric expression of meiotic genes imposes distinct selective pressures on mating partners

A Vjestica, C Martins | Lausanne

16:20-16:40

0043 | A high-throughput method for evaluating bacterial dispersal on hyphal networks

G Cailleau, M Darino, S Bindschedler, P Chain, P Junier | Neuchatel; Harpenden, GB; Los Alamos, US

16:40-17:00

0044 | UME6 controls aggregation, biofilm formation and pseudohyphae formation in *Candida auris*

M Louvet, J Li, D Bachmann, D Brandalise, F Sala de Oyanguren, D Labes, C Genoud, A Mucciolo, A Coste, D Sanglard, F Lamothe | Lausanne

17:30-18:30

Aare 1+2

SSM Early Career and Lay Communication

Chairs: Florian Tagini, Lausanne | Gilbert Greub, Lausanne

17:30-18:00

Science communication to lay persons by early career and confirmed researcher: tools to be creative and successful

Yohann Thenaisie, Lausanne | Christèle Aubry, Lausanne

18:00-18:30

Hands-On: Concept of lay communication for Instagram

Yohann Thenaisie, Lausanne