



## FORUM Graduate Schools Infection Immunity and Cancer, UniGe & UniL: CUS

GENEVA June 12<sup>th</sup> 2015

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**Fondation Louis Jeantet**, Chemin Rieu 17, 1208 Genève  
**Organizers** : Dominique Soldati-Favre & Dominique Garcin

### Session 1 Chair : **Dr. Fabienne Tacchini-Cottier**

8h55-9h00 chairperson's remarks

- 9.00-9.45 **Dr. Paul Kaye**, York, United-Kingdom, **Integrated approaches to leishmaniasis research: from in silico modeling to clinical trials**
- 9.45-10.15 **Dr. Till Voss**, Basel, Switzerland, **The epigenetics of antigenic variation and sexual commitment in malaria parasites**
- 10.15-10.30 **George Rugarabamu**, Geneva, Switzerland, **Distinct contribution of Toxoplasma gondii rhomboid proteases 4 and 5 to micronemal protein protease 1 activity during invasion**
- 10.30-10.45 **Benjamin Hurrell**, Lausanne, Switzerland, **Rapid sequestration of Leishmania Mexicana by neutrophils contributes to the development of chronic lesion**

10.45-11.05 **COFFEE BREAK**

### Session 2 Chair : **Dr. Jacques Shrenzel**

11h05-11h10 chairperson's remarks

- 11.10-11.40 **Dr. Melanie Blokesch**, Lausanne, Switzerland, **Live and let die – horizontal gene transfer in Vibrio cholerae**
- 11.40-12.10 **Dr. Mirco Schmolke**, Geneva, Switzerland, **Adaptation of newly emerged avian H7N9 influenza A virus to human hosts**

12.10-12.25 **Daniel Manoil**, Geneva, Switzerland, **The application of flow cytometry to monitor oxidative stress in bacteria**

12.25-12.40 **Dorthea Portius**, Geneva, Switzerland, **Distinct contributions of Hepatic Insulin and IGF-1 signalling in metabolic alterations induced by liver-specific Pten deletion in mice**

#### 12.45-13.45 LUNCH

#### Session 3 Chair : **Dr. Alexandra Calmy**

13h45-13h50 chairperson's remarks

13.50-14.20 **Dr. Günthard Huldrych**, Zurich, Switzerland, **HIV-1 transmission in vivo: knowns and unknowns**

14.20-14.50 **Prof. Christian Münz**, Zurich, Switzerland, **Human tumor virus infection and immune control in vivo**

14.50-15.05 **Stéphanie Anchisi**, Geneva, Switzerland, **Influenza strategy to escape RIG-I mediated innate immune response**

15.05-15.20 **Yves Mattenberger**, Geneva, Switzerland, **A family of ORFan proteins that sharpen the spike of bacteriophage contractile tails during infection of bacteria**

#### 15.20-15.45 COFFEE BREAK

#### Session 4 Chair: **Dr. Stéfan Kunz**

15h45-15h50 chairperson's remarks

**15.50-16.20** **Dr. Nicola Harris**, Lausanne, Switzerland, **Intestinal helminthes modulate allergic asthma through alterations to bacterial metabolites**

16.20-16.35 **Sandra Huber**, Bern, Switzerland, **Interaction of the *Theileria annulata* schizont with adaptor proteins of its bovine host cell**

16.35-16.50 **Paolo Ferrari**, Geneva, Switzerland, **Highly dynamic chromatin, but for what?**

16.50-17.35 **Dr. Denis Duboule**, Geneva, Switzerland, **Transcriptional control during development and the molecular Homonculus**

#### 17.35-19.00 GET TOGETHER APERO