

Wednesday, 19 September 2018

Deutscher Sprachatlas, Pilgrimstein 16

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| Public Lecture 18:00 - 21:00 | <i>Welcome</i> Susanne Herold and Stephan Becker |
| | Kanta Subbarao <i>Adaptive changes in the influenza HA: Implications for transmissibility and vaccine development</i> |
| | James E. Crowe <i>Human antibody responses to zoonotic RNA virus infections</i> |
| | Get-together |

Thursday, 20 September 2018

Auditorium, Klinikum, Baldingerstraße

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| 09:00 - 09:30 | Introduction |
| Session 1: Respiratory viral disease: from surveillance to clinical implications | |
| 09:30 - 10:00 | Thorsten Wolff <i>Influenza virus: From surveillance to the development of improved interventions</i> |
| 10:00 - 10:30 | Stacey Schultz-Cherry <i>Understanding Influenza Disease Severity in High Risk Populations</i> |
| 10:30 - 11:00 | Michael Matthay <i>ARDS: Combining Clinical and Biological Variables for Diagnosis and Therapy</i> |
| 11:00 - 11:30 | Coffee break |
| Session 2: Cellular mechanisms impacting viral replication at the virus-host interface | |
| 11:30 - 12:00 | Nadine Biedenkopf <i>To be or not to be phosphorylated: How host factors control Ebola virus RNA synthesis</i> |
| 12:00 - 12:30 | Lienhard Schmitz <i>Phosphoproteome analysis of cells infected with adapted and non-adapted influenza A virus reveals novel pro- and antiviral signaling networks</i> |
| 12:30 - 13:00 | Christin Peteranderl <i>Effects of Cyclosporin A on innate immune mechanisms in respiratory viral infection</i> |
| 13:00 - 16:00 | Lunch break and Poster Session |
| Session 3: Plasticity and heterogeneity of innate and adaptive antiviral immune responses | |
| 16:00 - 16:30 | Tracy Hessel <i>Decision making in lung immunity</i> |
| 16:30 - 17:00 | Scott Budinger <i>Understanding molecular signatures of aging through the prism of alveolar macrophages</i> |
| 17:00 - 17:30 | Peter Openshaw <i>Benefit and harm from immunity to respiratory viral infections</i> |
| 17:30 - 18:00 | Chrysanthi Skevaki <i>Respiratory virus-induced heterologous immunity</i> |

Friday, 21 September 2018

Auditorium, Klinikum, Baldingerstraße

| Session 4: Stress-dependent regulation of mRNA abundance and protein expression | |
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| 09:00 - 09:30 | Dominique Weil <i>P-Bodies: cytosolic droplets for coordinated mRNA storage</i> |
| 09:30 - 10:00 | Richard E. Lloyd <i>Crosstalk between RNA Stress Granules and Antiviral Innate Immunity</i> |
| 10:00 - 10:30 | Christine Vogel <i>The ups and downs of protein expression regulation</i> |
| 10:30 - 11:00 | Coffee break |
| Session 5: Disease models to study virus-host interactions | |
| 11:00 - 11:30 | Ivonne Vazquez Armendariz <i>Multilineage murine lung stem cells generate 3D bronchioalveolar lung organoids for analysis of developmental processes and disease modeling</i> |
| 11:30 - 12:00 | Christos Samakovlis <i>Molecular integration of endosomal and bundled actin network assembly during airway morphogenesis</i> |
| 12:00 - 12:30 | Veronika von Messling <i>Morbillivirus genetic plasticity in face of different selective pressures</i> |
| 12:30 - 13:00 | Ron Fouchier <i>Influenza virus transmission via the respiratory route between mammals</i> |
| 13:00 - 14:00 | Lunch break |
| Session 6: Virus-induced reprogramming of the cell | |
| 14:00 - 14:30 | Volker Thiel <i>Illuminating the coronavirus replicase complex: a platform for virus-host interactions</i> |
| 14:30 - 15:00 | Benhur Lee <i>Paramyxovirus matrix proteins as expert hackers of cellular machines</i> |
| 15:00 - 15:30 | Marie-Anne Rameix-Welti <i>Organization of RNA synthesis in cytoplasmic inclusion bodies of respiratory syncytial virus</i> |
| 15:30 - 16:00 | Coffee break |
| 16:00 - 16:30 | Ralf Bartenschlager <i>New insights into Flaviviridae – host cell interactions</i> |
| 16:30 - 17:00 | Adolfo Garcia-Sastre <i>Evolutionary Landscape of the Host Tropism of the Influenza Virus NS1 Protein</i> |
| 17:00 - 17:30 | Friedemann Weber <i>Induction and suppression of the interferon response by segmented negative-sense RNA viruses</i> |
| 17:30 | Conclusion |