



Poster presentations

September 25th 2023 Monday

20:00 – 21:30 Poster session I

1. **Urs Greber:** Adenovirus imaging cross-scale
2. **Davor Nestić:** Intracellular trafficking of human adenovirus type 26
3. **Katharina Hofmann:** The influence of conditions in aircraft cabins on cell viability and vulnerability to viral infections
4. **Isabela Drašković:** Solving the mystery: innate immunity, HAdV-D26, and epithelial cells
5. **Isabelle Thamm:** Antiviral strategies of interferons to control intestinal adenoviral infection
6. **Svetlana Atasheva:** Impact of Pre-existing Non-Neutralizing Cryptic Opsonizing Antibodies (CON-Abs) on Cytokine Storm Severity in Response to Adenovirus Vectors.
7. **Alexander Price:** Adenovirus prevents activation of innate immune dsRNA sensors through two distinct mechanisms
8. **Merve Torun:** Deciphering the Role of Adenovirus-infected Nasal polyp cells exposed to House Dust Mites from Patients with Chronic Rhinosinusitis with Nasal Polyposis
9. **Anastasiia Tymchenko:** Adenovirus spreading and restriction factors in primary bronchial epithelia
10. **Adam Naskretski:** Design of a virotherapy expressing immune cell engagers targeting folate receptor alpha for the treatment of ovarian cancer
11. **Jay Radke:** Differential gene expression in the lungs of Ad14 and Ad14p1 infected Syrian hamsters correlates with differing pathological outcomes between the two viruses.
12. **Márton Vidovszky:** Bovine adenovirus types in association with a gastrointestinal disease causing calf emaciation and sporadic death
13. **Győző Kaján:** An animal model of infection using a Hungarian isolate of fowl adenovirus 8b
14. **Erwan Sallard:** ADEVO: Proof-of-concept of Adenovirus Directed EVOLution by random peptide display on the fiber knob

15. **William Taverner:** Development of a platform for transgene encoding oncolytic virus agents affording optimal synergies in the patient tumour microenvironment
16. **Thomas Hansen:** circAde, a viral vector system for high and durable protein expression
17. **Carla Cerqueira:** Design and Development of Therapeutic Ad3/11 Vectors
18. **Matthew Beck:** Enhancing oncolytic HAdC5 efficacy for metastatic prostate cancer by combining with BET protein inhibitors

September 26th 2023 Tuesday

20:00 – 21:30 Poster session II

19. **Ahad Qureshi:** Enabling the systemic delivery of oncolytic HAdS by two approaches; peptide coating and extracellular vesicle delivery
20. **Tabitha Cunliffe:** HAdV-D10.A20.FCU1 - a low seroprevalence, $\alpha\beta 6$ integrin selective virotherapy for precision VDEPT
21. **Maha Heath:** A novel strategy to enhance the efficacy of oncolytic adenoviruses by combining with epigenetic drugs
22. **Emma Swift:** Developing pseudotyped $\alpha\beta 6$ -integrin targeted adenovirus 5-based vectors for tumour selective virotherapy
23. **Rosie Mundy:** Broad sialic acid usage amongst species D human adenovirus
24. **Eugene Wu:** CD46 is a protein receptor for human adenovirus type 64, a causative agent for epidemic keratoconjunctivitis
25. **Katarina Danskog:** Cellular Receptors for Species D Human Adenovirus
26. **Bayar Thimmapaya:** An important role for HBO1/KAT7/MYST2 HAT complex in human adenovirus replicative cycle.
27. **Wenli Zhang:** Homologous Recombination in Adenovirus Genome Engineering: not the only but one of the most competent solutions
28. **Wing Hang Ip:** Identification of small molecule inhibitors against adenoviral infection
29. **Shreya Kulkarni:** Development and Characterization of Ad35 Helper Dependent Vector System
30. **Brian Parrett:** Benchmarking In Vivo Gene Delivery by Adenovirus, Adeno-associated Virus, and Lipid Nanoparticle in a Mouse Reporter Models
31. **Reinhard Klein:** CRISPR/Cas9 is potent enough to inhibit the replication of human adenovirus 5 in vitro
32. **Haley Mudrick:** Mucosal Delivery of a Replicating Single-Cycle Adenovirus-Based Vaccine for SARS-CoV-2
33. **Hana Jug:** Adenovirus vector manufacturing platform using CIMmultus QA column to produce safer products cheaper
34. **Ling Chen:** Replication-incompetent human Ad5 is an effective intranasal vaccine vector for inducing nasopharyngeal mucosal immunity against SARS-CoV-2 infection
35. **Léa Pounot:** Universal vaccine antigen presentation platform
36. **Erin McGlinch:** Development of Replicating Single-cycle Adenovirus Oral Vaccines

37. **Gabriella Cotugno:** Directed evolution of Adenoviruses to improve vectored vaccines properties
38. **Zoé Blockx:** Human and simian non-replicating adenoviral vectors infection induces APOBEC3B in human bronchial epithelial cells
39. **Charley Lovatt:** Virus-cell interactions of the ChAdOx1 viral vector gives insights into vaccine-induced immune thrombotic thrombocytopenia
40. **Zamaneh Hajikhezri:** Fragile X-Related Protein FXR1 Controls Human Adenovirus Capsid mRNA Metabolism
41. **Martha Brown:** Reversible effects of digoxin on spread of HAdV-C5 in cell culture
42. **Tyger Saltman:** Defining The Mouse Block To A Productive Lytic Replicative Infection Of Human Adenovirus 5
43. **Jaya Rajaiya:** Crosstalk between corneal epithelial and stromal cells in the formation of adenoviral subepithelial corneal infiltrates
44. **Sawinee Masser:** Modulation of hypoxia pathways during HAdV infection
45. **Maryam Karimi:** Regulation of the Type I Interferon Gatekeeper Complex during Human Adenovirus Type 5 Infection
46. **Elin Palm:** Isolation and characterization of HAdV-F41 from a case of acute hepatitis of unknown origin
47. **Laura Seddar:** The role of adenovirus E1B-55K as a potential transcriptional regulator during infection
48. **Luca Bertzbach:** SUMOylation of E1B-55K and Consequences for Adenovirus-Induced Cell Transformation
49. **Franziska Tomas:** Towards the identification of host factors interacting with the adenoviral DNA
50. **Maxence Collard:** Adenovirus infection promotes the expression of the innate antiviral effector APOBEC3B in infected and nearby uninfected cells
51. **Karim Rafie:** Mitochondrial hijacking by human adenoviruses
52. **Emilie Stermann:** Towards the understanding of DSG2 and CD46 interaction with HAdV-11 fiber, a super-complex analysis
53. **Sarah Mathieu:** Antagonization of the APOBEC3B antiviral factor by adenoviruses