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### Day 1, 21.04.2023

Arrival and get-together: 12-1 pm (snacks and drinks, registration)

1:00 -1:05 pm	Welcome address (Dean Prof. Dr. Jan Buer)
1:05 -1:20 pm	Presentation of the institute and focus of the workgroups (Ulf Dittmer)
<b>1:20 – 3:30 pm</b>	<b>Scientific Talks “HIV Therapy and Cure“</b> <b>Chairs: Kathrin Sutter, Roland Schwarzer</b>
1:20 -1:35 pm	<b>Stefan Esser:</b> HIV medicine – Clinical update
1:35 - 2:05 pm	<b>Keynote: Björn Jensen: HIV cure after stem cell transplantation: Düsseldorf Patient</b>
2:05 - 2:25 pm	<b>Roland Schwarzer:</b> Host Determinants of HIV Persistence
2:25 - 2:45 pm	<b>Anna Malyshkina:</b> Immunotherapy-induced cytotoxic T follicular helper cells eliminate retrovirus-infected reservoir cells in B cell follicles
2:45 - 3:15 pm	<b>Keynote: Jan Chemnitz: Error-free genome editing for eradication of life-threatening persistent virus infections</b>
3:15 - 3:30 pm	<b>Tetiana Koval, Olena Sabinina, Liudmyla Kalinichenko:</b> Impact of the COVID-19 pandemic and the war in Ukraine on late diagnosis of HIV infection: retrospective study
3:30 - 4:00 pm	<b>Coffee Break</b>
<b>4:00 – 7:00 pm</b>	<b>Scientific Talks “Innate Immunity to HIV“</b> <b>Chairs: Christina Karsten (part I), Elisabeth Littwitz-Salomon (part II)</b>
4:00 - 4:30 pm	<b>Keynote: Daniel Sauter: Regulation of HIV-1 glycoprotein processing by endogenous retroviruses</b>
4:30 - 4:50 pm	<b>Kathrin Sutter:</b> Distinct roles of type I IFNs during HIV infection
4:50 - 5:10 pm	<b>Luca Schelle:</b> Murine leukemia virus and human immunodeficiency virus differ in their sensitivity against the antiretroviral GBPs from humans, mice and rabbits
5:10 - 5:30 pm	<b>Elisabeth Littwitz-Salomon:</b> Metabolic requirements of antiviral Natural Killer cells
5:30 - 6:00 pm	<b>Coffee break</b>
6:00 - 6:20 pm	<b>Mirja Harms:</b> Polyamines in semen bind CXCR4 and inhibit X4-tropic HIV-1 infection
6:20 - 6:40 pm	<b>Kevin Pattberg:</b> Pevonedistat susceptibility of simple and complex retroviruses reveals additional Cullin RING ubiquitin ligase exploitation mechanisms beyond accessory proteins
6:40 - 7:00 pm	<b>Anastasia Ritchie:</b> Inducing Rev-independent nuclear export of unspliced and intron containing HIV-1 mRNAs via HEXplorer algorithm guided mutation
7:00 - 7:15 pm	Discussion
7:00 pm	Dinner



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**Day 2, 22.04.2023**

9:00 - 9:10 am	Welcome address (Ulf Dittmer and Stefan Esser)
<b>09:10 am – 1:15 pm</b>	<b>Scientific Talks „Adaptive Immunity to HIV and vaccines“ Chairs: Elisabeth Littwitz-Salomon, Kathrin Sutter (part I), Christina Karsten (part II)</b>
9:10 - 9:40 am	<b>Keynote: Laura McCoy: Memory B cell dysfunction and antibody functional in people living with HIV</b>
9:40 - 10:00 am	<b>Victoria Berg:</b> The Impact of HIV on the B Cell System and Lymphomagenesis
10:00 - 10:20 am	<b>Frederica Mantovani:</b> Interaction of Human Immunodeficiency Virus-1 and Human Endogenous Retroviruses in Patients and Cell-line models
10:20 - 10:40 am	<b>Christina Karsten:</b> The impact of host cell specific glycosylation differences on SIV infectivity, transmissibility, and neutralization sensitivity
10:40 - 11:00 am	<b>Lara Schöler:</b> High rates of human cytomegalovirus sero-prevalence, virus reactivation, and antibody-effector functions among people living with the human immunodeficiency virus
11:00 - 11:30 am	<b>Coffee Break</b>
11:30 am - 12:00 pm	<b>Keynote: Ulrich Meyer-Bunsen: Update on the development of Janssen’s prophylactic HIV-1 vaccine candidate</b>
12:00 - 12:20 pm	<b>Vladimir Temchura:</b> Modulation of HIV-1 Env antibody responses in mice with rationally designed calcium phosphate nanoparticles
12:20 - 12:40 pm	<b>Dominik Damm:</b> Polyfunctional T Helper Liposomes as a Novel Vaccine Platform against HIV-1
12:40 - 1:00 pm	<b>Hanna-Mari Baldauf:</b> Humanized rabbit CD4 and CCR5 receptor complex supports HIV-1 entry into rabbit cells
1:00 - 1:15 pm	Closing remarks
1:15 pm	Lunch and official end of the workshop