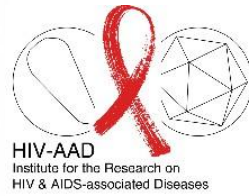




University Medicine Essen

University Hospital
Institute for the Research on HIV
and AIDS-associated Diseases



HIV-AAD
Institute for the Research on
HIV & AIDS-associated Diseases



Day 1, 19.09.2024

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

1:00 - 1:05 pm	Dean Prof. Dr. Jan Buer Welcome address
1:05 - 1:20 pm	Mirko Trilling and Roland Schwarzer Presentation of the institute, focus of the workgroups
1:20 - 2:50 pm	Scientific talks "Translational HIV research and HIV co-infections" Chair: Roland Schwarzer
1:20 - 1:35 pm	Stefan Esser HIV medicine – clinical update
1:35 - 1:50 pm	Carina Elsner HIV-1 cure attempt by $\Delta 32/\Delta 32$ -HSCT despite evidence of mixed-tropic viruses - A case report
1:50 - 2:05 pm	Annemarie Wensing IciStem cohort
2:05 - 2:20 pm	Jan Kehrmann HIV and microbiome
2:20 - 2:35 pm	Krystelle Nganou Understanding impaired immunity in HIV-exposed uninfected infants
2:35 - 2:50 pm	Tetiana Koval Current situation of PLWH in Ukraine
2:50 - 3:20 pm	Coffee break
3:20 - 4:50 pm	Scientific talks "Innate immunity to HIV" Chair: Khanh Le-Trilling
3:20 - 3:50 pm	Keynote: Jacob Nattermann: NK cells in HIV infection
3:50 - 4:05 pm	Elisabeth Littwitz-Salomon: Metabolism of NK cells during retroviral infection
4:05 - 4:20 pm	Abdelrahman Elwy Patrolling monocytes mediate virus neutralizing IgG effector functions: beyond neutralization capacity
4:20 - 4:35 pm	Karl Lang Acid ceramidase of macrophages traps herpes simplex virus in multivesicular bodies and protects from severe disease
4:35 - 4:50 pm	Lisa Müller Regulatory sequence elements in the HIV-1 genome decide viral RNA processing fate
4:50 - 5:20 pm	Coffee break
5:20 - 6:50 pm	Scientific talks "HIV cure" Chair: Christina Karsten
5:20 - 5:50 pm	Keynote: Christine Goffinet: HIV latency
5:50 - 6:05 pm	Dylan Postmus Optimising synergistic latency reversal approaches for host-mediated immune clearance of the latent HIV-1 viral reservoir
6:05 - 6:20 pm	Eva Müller Bidirectional crosstalk between the cellular lipid metabolism and HIV persistence
6:20 - 6:35 pm	H.S. Schwarzer-Sperber Dissecting the role of microenvironmental factors in HIV infections
6:35 - 6:50 pm	Madhuri Thakar Development of an in vitro model to assess the reactivation of HIV reservoir and subsequent reduction by anti-HIV immune responses.
7:00 pm	Dinner

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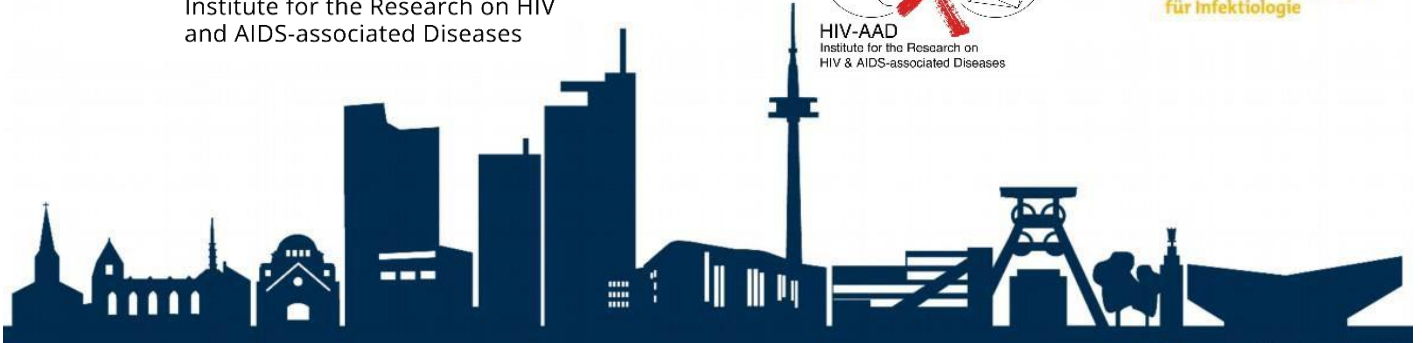
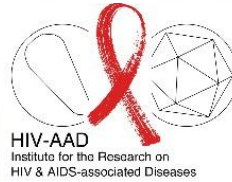


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Day 2, 20.09.2024

9:00 am - 11:00 am	Scientific talks “Adaptive Immunity to HIV” Chair: Elisabeth Littwitz-Salomon
9:00 - 9:30 am	Keynote: Kim Hasenkrug <i>Rejuvenation of immune responses in aged mice</i>
9:30 - 9:45 am	Johanna Leyens <i>HIV-1 mediated upregulation of Pcf11: Initiating a host shut down mechanism?</i>
9:45 - 10:00 am	Rabea Burkhard <i>CD96 (TACTILE) induces co-stimulatory signaling on primary human CD4+ T cells and is downregulated by HIV-1 accessory proteins Nef and Vpu</i>
10:00 - 10:15 am	Phillip Podschwadt <i>Immune suppression of vaccine-induced CD8+ T-cell responses by gamma retrovirus envelope is mediated by IL-10-producing CD4+ T cells</i>
10:15 - 10:30 am	Hanna-Mari Baldauf <i>Humanized rabbit CD4 and CCR5 receptor complex supports HIV-1 entry into rabbit cells</i>
10:30 - 10:45 am	Kathrin Sutter <i>Characterization of immunological non-responders in HIV patients: insights into T cell dynamics, cytokine responses, and novel biomarkers</i>
10:45 - 11:00 am	Tom Kraus <i>HLA-F levels are upregulated on CD4 T cells in viremic HIV-1 infection and normalized with antiretroviral therapy</i>
11:00 - 11:30 am	Coffee break
11:30 am - 2:00 pm	Scientific talks “Antibodies to HIV and HIV co-infections” Chair: Kathrin Sutter
11:30 - 12:00 pm	Keynote: Max Crispin <i>HIV glycosylation in viral immune evasion and vaccine design</i>
12:00 - 12:15 pm	Benedikt Asbach <i>Downselection and GMP-manufacturing of sequential clade C Env trimer immunogens to guide B cell maturation towards broadly neutralizing antibody responses</i>
12:15 - 12:45 pm	Keynote: Philipp Schommers : <i>Neutralizing antibodies in HIV infection</i>
12:45 - 1:00 pm	Bastian Grewe <i>Clinical development of broadly neutralizing antibodies against HIV-1 by Gilead Sciences</i>
1:00 - 1:15 pm	Khanh Le-Trilling <i>Immune responses to AIDS-associated viruses in people living with HIV</i>
1:15 - 1:30 pm	Elie Richel <i>Mechanisms of sterilizing immunity provided by an HIV-1 neutralizing antibody against mucosal infection</i>
1:30 - 1:45 pm	Christina Karsten <i>A pre-existing HIV infection alters the capacity of SARS-CoV-2-specific antibodies to trigger cellular phagocytosis</i>
1:45 - 2:00 pm	Closing remarks
2:00 pm	Lunch and official end of the workshop

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