

15th Summer Academy “Infection and Immunity”
Lecture 11 on Monday, 3 August, 2026

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https://www.uni-due.de/hiv/rolandschwarzer_eng

“HIV pathogenesis and persistence”

Publications for seminar preparation:

Gilad Doitsh, Warner C. Greene,

[Dissecting How CD4 T Cells Are Lost During HIV Infection](#)

Cell Host & Microbe, Volume 19, Issue 3, 2016, Pages 280-291, doi.org/10.1016/j.chom.2016.02.012.

Schwarzer, R.; Gramatica, A.; Greene, W.C.

[Reduce and Control: A Combinatorial Strategy for Achieving Sustained HIV Remissions in the Absence of Antiretroviral](#)

Therapy. *Viruses* 2020, 12, 188. doi.org/10.3390/v12020188

World Health Organization

<https://www.who.int/news-room/fact-sheets/detail/hiv-aids>

Hannah S. Sperber, Kyle A. Raymond, Mohamed S. Bouzidi, Tongcui Ma, Silvana Valdebenito, Eliseo A. Eugenin, Nadia R. Roan, Steven G. Deeks, Sandra Winning, Joachim Fandrey, Roland Schwarzer, Satish K. Pillai

[The hypoxia-regulated ectonucleotidase CD73 is a host determinant of HIV latency](#),
Cell Reports,

Volume 42, Issue 11, 2023, 113285, doi.org/10.1016/j.celrep.2023.113285.