

13th Summer Academy "Infection and Immunity" Lecture 16 on Wednesday, 28 August, 2024

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<https://nephrologie.uk-essen.de/aerztliche-mitarbeiter/>

CMV and BKV infection in renal transplantation

Publications for seminar preparation:

1. Kotton CN, Torre-Cisneros J, Yakoub-Agha I; CMV International Symposium Faculty. Slaying the "Troll of Transplantation"-new frontiers in cytomegalovirus management: A report from the CMV International Symposium 2023. *Transpl Infect Dis.* 2024 Feb;26(1):e14183. doi: 10.1111/tid.14183. Epub 2023 Nov 9. PMID: 37942955.
2. Hauser IA, Marx S, Sommerer C, Suwelack B, Dragun D, Witzke O, Lehner F, Schiedel C, Porstner M, Thaiss F, Neudörfel C, Falk CS, Nashan B, Sester M. Effect of everolimus-based drug regimens on CMV-specific T-cell functionality after renal transplantation: 12-month ATHENA subcohort-study results. *Eur J Immunol.* 2021 Apr;51(4):943-955. doi: 10.1002/eji.202048855. Epub 2020 Dec 28. PMID: 33306229.
3. Dirks J, Tas H, Schmidt T, Kirsch S, Gärtner BC, Sester U, Sester M. PD-1 analysis on CD28(-) CD27(-) CD4 T cells allows stimulation-independent assessment of CMV viremic episodes in transplant recipients. *Am J Transplant.* 2013 Dec;13(12):3132-41. doi: 10.1111/ajt.12480. Epub 2013 Oct 22. PMID: 24148296.
4. Agrawal A, Ison MG, Danziger-Isakov L. Long-Term Infectious Complications of Kidney Transplantation. *Clin J Am Soc Nephrol.* 2022 Feb;17(2):286-295. doi: 10.2215/CJN.15971020. Epub 2021 Apr 20. PMID: 33879502; PMCID: PMC8823942.
5. Kuypers DR. Management of polyomavirus-associated nephropathy in renal transplant recipients. *Nat Rev Nephrol.* 2012 Apr 17;8(7):390-402. doi: 10.1038/nrneph.2012.64. PMID: 22508181.