Funded by

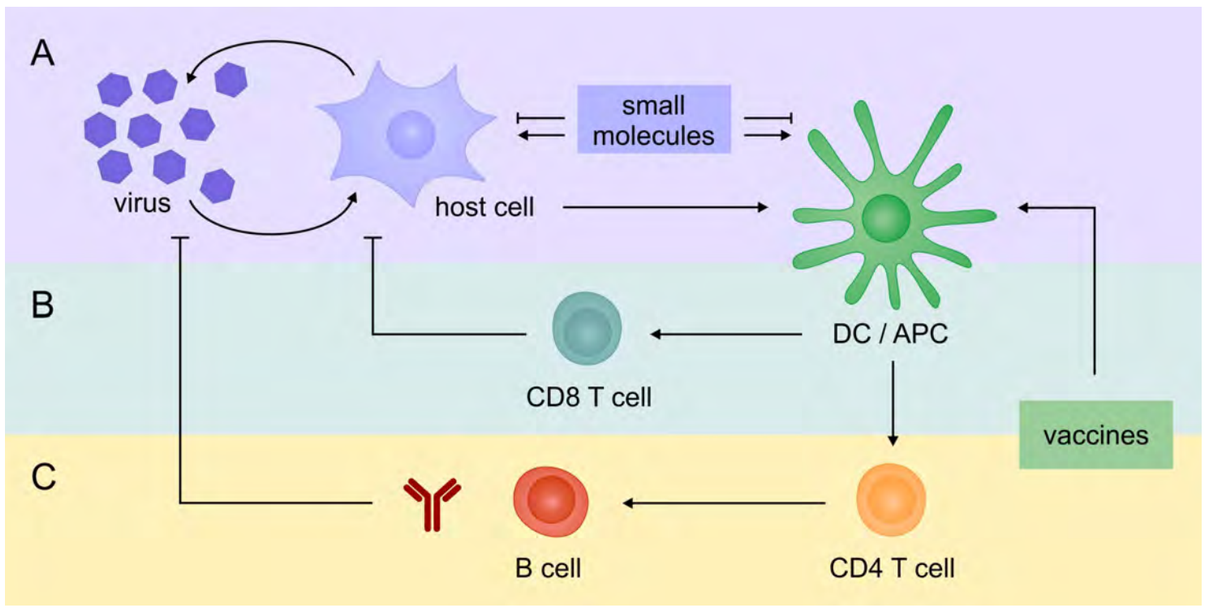
DFG Deutsche Forschungsgemeinschaft
German Research Foundation

GRK 2504
Novel antiviral approaches

FAU Friedrich-Alexander-Universität Medizinische Fakultät

CALL FOR APPLICATIONS
Medical Doctoral (Dr. med.) student positions available

GRK 2504: Novel antiviral approaches



Our research program aims to explore novel approaches for antiviral chemotherapy and immune intervention that build on recent developments in molecular virology and immunology. The individual research projects address **antiviral small molecules** (**area A**), **immune cell-mediated antiviral effects** (**area B**), and **antibody-based approaches** (**area C**). Altogether, we envision multimodal antiviral strategies that combine antiviral chemo-therapy with immune-based interventions as the most promising path towards the control of persistent viruses. **For excellent candidates, we offer MD thesis projects embedded in the training program of GRK 2504 based on a 1-year fellowship for a research sabbatical.**

Open positions and training program

#	PI	Thesis topic
Area A: Antiviral small molecules		
A3	Thomas Gramberg	*Deciphering the mechanism how SAMHD1 restricts HIV-1 infectivity*
Area B: Harnessing T-cell immunity		
B6	Armin Ensser	*Evaluation of halflife-extended MCMV targeted bispecific T cell enhancers and characterization of viral evasion*

Mar 2025 – Sep 2025

Qualification phase
(in parallel to studying medicine)
- lecture: Basics of antiviral strategies
- introduction to methods
- 5 day lab course
- proposal writing course with thesis proposal submission

Oct 2025 – Sep 2026

Experimental phase
(1 semester research sabbatical, 1 year fellowship)
- experimental work
- internal seminar
- guest seminars
- retreat

Oct 2026 – Sep 2027

Evaluation phase
(in parallel to studying medicine)
- scientific presentation
- scientific writing
- participation at conference
- writing of thesis and manuscript

Dr. med.

Apply until March 25
to grk2504-info@fau.de using the application form on the website !

For more information visit www.virologie.uk-erlangen.de/en/grk2504/ or contact PD Dr. Simone Reiprich.

Candidates will be invited to present themselfes in an applicants‘ colloquium.