

	Project titel	Supervisor	contact supervisor	AG	Location	Link
1	Deciphering the molecular mechanisms underlying IRGQ recognition of misfolded MHC-I molecules and its impact on antigen presentation	Lina Herhaus	Lina.herhaus@helmholtz-hzi.de	IMSI (Immune Signaling)	HZI	https://www.helmholtz-hzi.de/en/research/research-groups/details/immune-signaling/
2	Illuminating Complexes at the Interface between Phages and Bacterial Pathogens	Milan Gerovac	milan.gerovac@helmholtz-hzi.de	CPIC (Complexes in Phage-infected Cells)	HZI	https://www.helmholtz-hzi.de/en/research/research-groups/details/complexes-in-phage-infected-cells/
3	Towards an atlas of antibody recombination scars for the personalized assessment of immunocompetence and DNA repair	Kathrin de la Rosa	Kathrin.delarosa@helmholtz-hzi.de	PERI (Personalised Immunotherapy)	CiIM	https://www.helmholtz-hzi.de/en/research/research-groups/details/personalised-immunotherapy/
4	Molecular decision points that determine cancer tissue colonization by Fusobacterium nucleatum	Jörg Vogel	joerg.vogel@helmholtz-hiri.de	RABI (RNA Biology of Bacterial Infections)	HIRI	https://www.helmholtz-hzi.de/en/research/research-groups/details/rna-biology-of-bacterial-infections/
5	Regulation of host protein synthesis by jumbo phage proteins	Jörg Vogel	joerg.vogel@helmholtz-hiri.de	RABI (RNA Biology of Bacterial Infections)	HIRI	https://www.helmholtz-hzi.de/en/research/research-groups/details/rna-biology-of-bacterial-infections/
6	Programmable RNA antibiotics	Jörg Vogel	joerg.vogel@helmholtz-hiri.de	RABI (RNA Biology of Bacterial Infections)	HIRI	https://www.helmholtz-hzi.de/en/research/research-groups/details/rna-biology-of-bacterial-infections/
7	Genetic Mechanisms of Severe Respiratory Syncytial Virus Infections	Thomas Pietschmann	Thomas.pietschmann@twincore.de	EVIR (Experimental Virology)	TWINCORE	https://twincore.de/labs/pietschmann-lab
8	Virus-like-particle production, modification and purification	Maren Schubert	maren.schubert@tu-bs.de	Virus-like-particle based technologies	HZI	https://www.tu-braunschweig.de/bbt/team/dr-maren-schubert
9	Biomolecular Condensates in Viral Pathogenesis and Drug Discovery	Christiane Iserman	ciserman@mpi-cbg.de	Biomolecular Condensates in Infection	HZI	https://scholar.google.com/citations?hl=en&user=rUCSsmAAAAAJ
10	Dissecting the Functional Genetic Landscape of Host-Virus Interactions in Reservoir and Spillover Hosts	Max Kellner	max.kellner@imba.oeaw.ac.at	VICO (Laboratory for Virus-host co-evolution)	HZI	https://scholar.google.com/citations?user=GK3pJMwAAAAJ&hl=en
11	High-Throughput Screens for Host-Virus Interactions	Jan Schlegel	jan.schlegel@scilifelab.se	BioCodeLab (Biological Codes of Pathogens)	HZI	https://scholar.google.com/citations?user=O5mlupkAAAAJ&hl=en&oi=ao
12	Diagnosing the microbiome – Characterizing biomarkers to allow the identification of patients with high risk for MDR-E infections	Till Strowig	Till.strowig@helmholtz-hzi.de	MIKI (Mikrobielle Immunregulation)	HZI	https://www.helmholtz-hzi.de/forschung/forschungsgruppen/detailseite/mikrobielle-immunregulation/
13	Genome Mining of Myxobacteria with Systematic Heterologous Expression of Biosynthetic Gene Clusters	Rolf Müller	rolf.mueller@helmholtz-hips.de	MINS (Microbial Natural Products)	HIPS	https://www.helmholtz-hips.de/en/mins