

Day / Date	Morning session 1 9:00 - 10:20	Morning session 2 10:40 - 12:00	Afternoon session 3 13:20 - 14:40	“Practical courses” 15:00 - 18:00	Evening 19:30 - 20:30
Saturday					19:00, arrival dinner
Sunday 04.09.22	Registration (43 trainees + 20 PIs + 4 organizers)	Welcome address; Basics in lung physiology <i>N. Sommer</i>	Let's talk neuro- immunology: how immune cells instruct (sensory) neurons and vice versa <i>N. Eijkelkamp</i>	Statistics in PNI <i>A. Andreasson</i>	Introduction to PNI <i>R. Dantzer</i>
Monday 05.09.22	Psychology in Neuroscience <i>M. Hadamitzky</i>	Immune-to-brain communication and obesity <i>C. Rummel</i>	Translational perspectives on the lung- brain axis in asthma- posttraumatic disorder (PTSD) <i>R. Sah</i>	Autumn School Mini Congress Presentation of the participant's projects 5 + 5 min. talks; 3 groups of 15	Posters session Evening social (cheese and wine)
Tuesday 06.09.22	Immune-homeostasis of the lung <i>H. Garn</i>	From clinical research to basic science in PNI <i>R. Straub</i>	Impact of ischemic brain damage on the peripheral immune system <i>C. Culmsee</i>	New and old lung diseases (tuberculosis, A. <i>del Rey</i> , COVID19 C. <i>Herden</i> , GBS C. <i>Rummel</i>) Module style	Meet the PI (career options)
Wednesday 07.09.22	Impact of sterile lung injury on the brain and vice versa <i>D.G. Litvin</i>	Impact of acute CNS lesion on the lung <i>A. Meisel</i>	Skills lab CPI Giessen “match making” mentors / peers	Visit Giessen sperm whale and the Giessen botanic garden	20:00 Late dinner back at Rauischholzhausen
Thursday 08.09.22	Animal and human studies in PNI <i>A. del Rey, E. Peters</i> <i>J. Bredehöft</i>	Lung-Brain axis in allergic inflammation and asthma <i>H. Renz</i> How does stress/depression affect lung host defense? <i>E. Peters</i>	Pro- and anti- inflammatory diets <i>R. Ringseis</i>	Biopsychosocial conceptualization of the brain-lung axis Round table (<i>E. Peters, K.</i> <i>Krüger, H. Renz</i>) Module style	Career: one by one elevator pitch
Friday 09.09.22	Magnetic resonance imaging of brain inflammation <i>B. Keil</i>	Structural, functional and molecular assessment of the lung <i>S. Hadzic</i>	Bioinformatics: Signaling pathways and risk assessment of lung insults for the brain <i>H.R. Chung</i>	Statistics in PNI workshop II <i>A. Andreasson</i>	How to start your own group? <i>C Rummel</i>
Saturday 10.09.22	Impact of airway inflammation on the brain <i>C. Nassenstein</i>	Impact of modulatory effect of ω 3 FS on acute lung inflammation and the brain <i>C. Rummel</i>	Perspectives in PNI research <i>M. Lekander</i>	Methods swap; closing address, feedback discussion	Farwell social