Day Date	Saturday 02.09.2023	Sunday 03.09.2023	Monday 04.09.2023	Tuesday 05.09.2023	Wednesday 06.09.2023	Thursday 07.09.2023	Friday 08.09.2023	Saturday 09.09.2023	Sunday 10.09.2023
Breakfast 08:00 – 09:00									
Morning session I (40 Min. talk+20 Min. discussion) 9:00 - 10:00		**"Skin biology and function: a paradigmatic barrier organ"** *W. Pfützner*	**"Neuro-immune interaction controls skin regeneration and homeostasis"** *E.M.J. Peters*	**"Basics in neuro-immunology: each and every immunocyte responds to stress mediators"** *G. Pongratz*	**"Itch: a model symptom for biopsychosocial interaction"** *C. Schut*	**"Metabolic regulation of cell death and immunity in skin and brain"** *C. Culmsee*	**"Skin-mental health interaction: the psychotherapeutic perspective"** *U. Gieler*	**"Animal and human studies in Psychoneuro-immunology"** *A. del Rey, E.M.J. Peters, J. Bredehöft*	**Farewell**
Coffee break 10:00 – 10:30		Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	
Morning session II (40 Min. talk+20 Min. discussion) 10:30 - 11:30		**"Neuroanatomy of the skin-brain axis lays the ground for close interaction"** *C. Nassenstein*	**"Neuro-immune cross-talk along the skin-brain axis controls inflammation"** *L. Basso*	**"Immune mediators link the periphery and the brain: IL-1 as an example"** *A. del Rey*	**"Itch, pain and beyond: classical and non-classical pathways of brain-skin communication"** *M. Schmelz*	**"Immune-homeostasis of the skin: mast cells coordinate constant remodelling"** *M. Metz*	**"Read-outs for stress attacks on barriers: lessons from rheumatology studies"** *R. Straub*	**"Physical exercise and the immune system: lessons from a stress-resilience paradigm"** *K. Krüger*	
Coffee break 11:30 – 12:00		Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	Meet today's PIs	
Morning session III (40 Min. talk+20 Min. discussion) 12:00 -13:00		**"Basic principles of brain-immune-organ interaction"** *C. Rummel*	**"Psychology of intact barriers: what have we learned from Covid-19?"** *M. Schedlowski*	**"Stressed host defense: What does depression teach us?"** *J. Alferink*	**"Oxidative stress in brain, skin and hair"** *A. Karabatsiakis*	**"Stress Pathways to Disease"** *N. Rohleder*	**"Statistics in Psycho-neuro-immunology"** *A. Andreasson*	**"Perspectives in psychoneuro-immunology research" (digital presentation)** *M. Lekander*	
Lunch 13:00 – 14:00									
Recreation time 14:00 - 15:00				Cave: Bus leaves at 14:00 *Arrival in Giessen 14:30*		Cave: Event starts at 14:00			
Practical courses Part I 15:00 - 16:20	**Arrival and Registration**	**"Systems Medicine in a Nutshell" (digital presentation)** *O. Wolkenhauer*	**Autumn School Mini Congress: Awardee Abstract Presentations**	**Venture into scientific Giessen** *Networking mentor-mentee*	**Biopsychosocial conceptualization of the brain-skin axis**	**Venture into scientific Marburg** *Networking mentor-mentee*	**Impact of skin diseases on brain homeostasis and plasticity and vice versa**	**Methods swap**	
Biobreak 16:20 – 16:40									
Practical courses Part II 16:40 - 18:00		Training: "Elevator Pitch"	*(5 minutes + 5 minutes discussion per minitalk) moderated by M. Schedlowski, A. del Rey, E.M.J. Peters*	at 16:30 Visit of Laboratories and the Giessen Sperm Whale	Biopsychosocial concept round table wrap up *moderated by E.M.J. Peters, A. del Rey*	Visit of the University "Wachsmoulagen"	*Psoriasis - U. Gieler, Atopic Dermatitis - E.M.J. Peters, (discussion in subgroups of 5)*	*Collection of feedback forms* *all on site PIs*	
Recreation time 18:00-18:30									
Dinner 18:30-19:30									
Evening 19:30 - 20:30	**Leasurely optional privat come together**	**"Introduction to Psycho-neuro-immunology"** *F. Dhabhar*	**Evening social at the posters** ***Poster session I***	**Leasurely optional privat come together**	**PNI Charade and Midtime Social**	**"Career: How to start your own group?"** *C. Rummel*	**Meet the PI to discuss career experiences, wishes and options** *all on site PIs*	**Closing address, feedback discussion, Farewell Social**	
20:30-21:30			***Poster session II***	*social room*	*social room*			*all on site PIs*	