

Research Seminar Paraplegia 2025 / 1

@ Auditorium Balgrist, University Hospital, Forchstrasse 340, 8008 Zurich
Wednesday, 12.00 – 13.00 h

Date	Chairperson	Topic	Presenter
19.2.	M. Hubli	<i>Endogenous pain modulation in Complex Regional Pain Syndrome</i>	Florin Allmendinger/ Joëlle Metzger
		<i>Baroreflex sensitivity and its interaction with the pain system</i>	
12.3.	R. Riener	<i>Gait quality assessment from video-based recordings in SCI</i>	Diego Paez/ Shrey Natraj
19.3.	B. Zörner	<i>Gait insights: Evaluating gait parameter changes from training strategies in the specTra study - an update</i>	Sabrina Imhof
26.3.	C. Jutzeler	<i>Data-driven prediction of spinal cord injury recovery: An exploration of current status and future perspectives</i>	Miklovana Tuci
2.4.	L. Filli	<i>Unraveling the neural mechanisms mediating the StartReact effect using brainstem fMRI</i>	Lennart Neumann / Antonia Eilfort
		<i>Reticulospinal and corticospinal plasticity underlying motor recovery in the Brown-Séquard Syndrome</i>	
9.4.	L. Filli/ S. Kikkert	<i>Identifying the role of the reticulospinal system in locomotor coordination</i>	Nicole Holliger/ Paige Howell
		<i>Resilience and rewiring across the somatosensory processing stream</i>	
30.4.	M. Seif P. Freund	<i>Tracking Remote Cervical Cord Atrophy in Degenerative Cervical Myelopathy after Treatment: A Large Cohort Longitudinal MRI Study</i>	Anna Le Bret/ Lynn Farner
		<i>Quantitative Insights from Longitudinal MRI Analysis: A NISCI Study</i>	
14.5.	P. Freund	<i>New insights into lumbosacral spinal cord fMRI</i>	Christian Kündig
21.5.	M. Hubli	<i>Insights from multimodal pain measurements: current results and perspectives on neural oscillations</i>	Anna Leonhartsberger
28.5.	T. Kessler	<i>Alterations in brain structure early after spinal cord injury</i>	Julia Sticher/ Nomah Mahnoor
		<i>Lower urinary tract electrical sensory assessments</i>	
11.6.	P. Wolf	<i>Upper limb therapy and assistance with a soft exosuit</i>	Adrian Esser
25.6.	P. Freund	<i>Automatic segmentation of the lumbosacral cord on MRI images: deep-learning based solutions</i>	Sarvagya Gupta/ Kiomars Sharifi
		<i>Cortico-spinal functional MRI: methodological considerations and applications in motor and sensory tasks</i>	

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