



Department of Rheumatology and  
Department of Chiropractic Medicine

## CRPP Pain Seminar

Thursday, May 25th 2023, 14.00 – 17.00 h  
Auditorium, Balgrist University Hospital,  
Forchstrasse 340, 8008 Zurich

In cooperation  
with



University of  
Zurich <sup>UZH</sup>

**Balgrist**  
University Hospital

# Program



Prof. Stone received her PhD in Neuroscience at the University of Minnesota (UMN) in 1999. As a post-doctoral trainee at the Oregon Health and Sciences University, she was the first recipient of the John J. Bonica Post-Doctoral Training Fellowship from the International Association for the Study of Pain. After working in both biotechnology and academia, she joined the Faculty at McGill University in 2007, where she co-founded and directed the Quebec Back Pain Consortium. In 2020, she returned to the UMN as a Professor of Anesthesiology. Prof. Stone is an inventor on 7 patents, has received funding from both the NIH and the Canadian Institutes for Health Research, has coauthored over 80 manuscripts. Current research projects utilize both preclinical models and patient populations to investigate the mechanisms underlying low back and musculoskeletal pain, the optimization of pharmacological and non-pharmacological treatments and the epigenetic regulation of chronic pain.

- 14.00 h**      **Welcome**  
Prof. Petra Schweinhardt, MD PhD and Stefan Dudli, PhD
- 14.10 h**      **Stromal cells in Modic type 1 changes bone marrow promote neurite outgrowths**  
Tamara Mengis
- 14.30 h**      **Role of Cutibacterium acnes in Modic type 1 changes**  
Irina Heggli, PhD
- 14.50 h**      **Pain in the peaks – Integrating brainstem metabolites and descending pain modulation in chronic low back pain**  
Laura Sirucek
- 15.10 h**      **Chronic low back pain: disentangling state and trait**  
Beatriz Chozas Barrientos / Laura Sirucek
- 15.30 h**      **Break**
- 15.50 h**      **Guest Lecture (virtual): Epigenetics and Low Back Pain: What is it and why should I care?**  
Prof. Laura Stone, PhD
- 16.50 h**      **Admin & Adjourn**  
Prof. Petra Schweinhardt, MD PhD and Stefan Dudli, PhD
- 17.00 h**      **Apéro**

## Contact

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## Credits (requested)

SGR 3  
AIM 3  
SGPMR 3  
ChiroSuisse 3

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