

SAPPM/SPS

ANNUAL MEETING 2022

POSTER- / ABSTRACT
OVERVIEW SPS

- STRESS
- PAIN
- SLEEP

Best Abstract Presentation

3.30 p.m. to 4:30 p.m.

- 1) Chronic pain and suicidal ideation: the possible contribution of meaning in life

Chytas V¹, Costanza A^{2,3}, Mazzola V¹, Luthy C^{4,5}, Galani V¹, Allaz AF⁴, Bondolfi G^{1,2}, Cedraschi C^{4,5}

¹Department of Psychiatry, Service of Liaison Psychiatry and Crisis Intervention, Geneva University Hospitals, Geneva, Switzerland; ²Department of Psychiatry, Faculty of Medicine, University of Geneva, Geneva, Switzerland; ³Faculty of Biomedical Sciences, Università della Svizzera Italiana (USI), Lugano, Switzerland; ⁴Division of General Medical Rehabilitation, Geneva University Hospitals, Geneva, Switzerland; ⁵Division of Clinical Pharmacology & Toxicology, Multidisciplinary Pain Centre, Geneva University Hospitals, Geneva, Switzerland

- 2) The Social Benefits stress task: validation of a new stress induction task relevant for chronic pain

Aimie Chiron^{1,2}, Sonia Plaza Wuthrich^{1,2,3}, Aurore Fernandez^{1,2,3}, Chantal Berna^{1,2,3}

¹ Faculty of biology and Medicine, University of Lausanne, Switzerland, ²Center for integrative and complementary medicine, Division of anesthesiology (CHUV), ³ Pain Center, Division of anesthesiology, Lausanne University Hospital (CHUV), Lausanne, Switzerland

- 3) The 0.02 Hz oscillation in sigma power reveals periods of higher fragility in non-REM sleep in SNI mouse model of chronic pain

Romain Cardis^{1,2}, Sandro Lecci¹, Laura M. J. Fernandez, Alejandro Osorio-Forero¹, Paul Chu Sin Chung², Stephany Fulda³, Isabelle Décosterd^{1,2} & Anita Lüthi¹

¹ Department of Fundamental Neurosciences, Université de Lausanne, Rue du Bugnon 9, 1005 Lausanne, ² Pain center, Department of Anesthesiology, Lausanne University Hospital (CHUV) Lausanne, ³ Sleep Medicine Unit, Neurocenter of Southern Switzerland, Civic Hospital (EOC) of Lugano, Lugano, Switzerland.

- 4) Functional Neurological Disorders in hypermobile Ehlers-Danlos Syndrome and Hypermobile Spectrum Disorders: a comparative case series.

Aurore Fernandez^{1,2,4}, Manon Jaquet¹, Bérengère Aubry-Rozier^{1,3}, Marc R. Suter^{1,2}, Selma Aybek⁵, Chantal Berna^{1,2,4}

¹Faculty of biology and Medicine, University of Lausanne, Switzerland, ²Pain Center, Division of anesthesiology, Lausanne University Hospital (CHUV), Lausanne, Switzerland, ³Department of Rheumatology, (CHUV), ⁴Center for integrative and complementary medicine, Division of anesthesiology (CHUV), ⁵University Clinic for Neurology, Inselspital, Bern, Switzerland.

- 5) Chronic Pain and Creative Ideation: An EEG study

Danièle A. Gubler ^a, Christian Rominger ^b, Martin grosse Holtforth ^{a,c}, Niklaus Egloff ^c, Frank Frickmann ^d, Benjamin Goetze ^d, Michael Harnik ^e, Konrad Streitberger ^e, Stephan Zeiss ^c, Stefan J. Troche ^a

^a Department of Psychology, University of Bern, Bern, Switzerland, ^b Department of Psychology, University of Graz, Graz, Austria, ^c Division of Psychosomatic Medicine, Department of Neurology, Inselspital, Bern, University Hospital, University of Bern, Bern, Switzerland, ^d Spital Aarberg Inselgruppe AG, Aarberg, Switzerland, ^e Department of Anaesthesiology and Pain Medicine, Inselspital, Bern University Hospital, University of Bern, Bern, Switzerland

- 6) Macrophages and Satellite Glial Cells in the Dorsal Root Ganglion after Spared Nerve Injury

Elena A. Konnova, Alexandru F. Deftu, Paul Chu Sin Chung, Isabelle Decosterd, Marc R. Suter

Pain Center, CHUV

- 7) No difference in distribution of neuropathic pain clusters obtained by quantitative sensory testing in patients with central or peripheral neuropathic pain following spinal cord injury

¹Landmann Gunther, ¹Ernst Mario, ²Opsommer Emmanuelle, ¹Stockinger Lenka, ³Vollert Jan, ⁴Baron Ralf

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- 8) Pain trajectories, determined clinically and by quantitative sensory testing in early phase after spinal cord injury: a feasibility study

¹Gunther Landmann*, ²Simona Capossela*, ¹Mario Ernst, ¹André Ljutow, ¹Lenka Stockinger, ^{2,3}Jivko Stoyanov, *contributed equally

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- 9) Contribution of peripheral neuronal activity to spinal microglial reactivity in chronic pain

Manon Isler, Guylène Kirschmann, Paul Chu Sin Chung, Ezgi Gozlugol, Isabelle Decosterd, Marc René Suter

CHUV

- 10) Persistent improvement of quality of life and pain severity up to one year following virtual walking therapy in a patient with neuropathic pain after spinal cord injury: A case report.

¹Karina Ottiger-Böttger, ²Roger Abächerli, ¹Mario Ernst, ¹André Ljutow, ¹Gunther Landmann

¹Centre for Pain Medicine, Swiss Paraplegic Centre, Nottwil, Switzerland, ²Lucerne University of Applied Sciences and Arts, T&A, Horw, Switzerland

- 11) Motive Satisfaction among Patients with Chronic Pain: A Replication

Alina Scheidegger, Juan Martín Gómez Penedo, Larissa Tatjana Blättler, Selma Aybek, Nina Bischoff, Martin grosse Holtforth

Psychosomatic Medicine, Department of Neurology, Inselspital, Bern University Hospital, University of Bern, Switzerland

- 12) The influence of pain chronicity on vagally mediated heart rate variability (HRV)

Dr. Susanne Schwarz, Nicole Graf, Dr. Anne-Katrin Hickmann, Dr. Alexander Ott

Klinik für Anästhesiologie, Intensiv-, Rettungs- und Schmerzmedizin; Schmerzzentrum

- 13) Withdrawal from Chronic Opioid Use for Non-Cancer Pain: Results of a Two-Phase Inpatient Program

Konrad Streitberger, Michael Harnik, Fabienne Frickmann, Kyrill Schwegler, Niklaus Egloff, Sarah Röthlisberger, Alina Scheidegger, Christine Baumgartner, Maria Wertli

Department of Anaesthesiology and Pain Medicine, Competence Center Psychosomatic Medicine and Department of General Internal Medicine, Inselspital University Hospital Bern, Switzerland.

- 14) The Effect of Ketamine Infusion Protocol on Pain Management and Opioid Consumption in Opioid Tolerant Cancer Patients

Mustafa Ziad Bader, SCN, RN

King Hussein Cancer Center, P.O.Box 1269 Al-Jubeiha, Amman 11941 Jordan

- 15) Long-term outcome evaluation of Interdisciplinary Multimodal Pain Therapy (IMPT) on Insomnia: A retrospective analysis of patients with chronic pain

Dr. med. Dagmar A. Schmid^{1,2}, Dr. med. Klaus Elbs^{1,3}, Nicolas Germann¹, Dr. med. Jochen Oeltjenbruns^{3,4}

¹Cantonal Hospital St.Gallen, Clinic for Psychosomatic Medicine, St.Gallen, Switzerland, ²Cantonal Hospital St.Gallen, Center for Sleep Medicine, St.Gallen, Switzerland, ³Cantonal Hospital St.Gallen, Center for Multidisciplinary Pain Medicine, St.Gallen, Switzerland, ⁴Cantonal Hospital St.Gallen, Center for Palliative Medicine, St.Gallen, Switzerland

- 16) Changes of spinal cord injury related neuropathic pain and brain activity after virtual walking – a single case study

Wullschleger J. MSc¹ ; Ernst M. MSc² ; Landmann G. Dr. med.² ; Ljutow A. Dr med.² ; Ottiger K. MSc² ; Wyss P. PhD³ ; Opsommer E. PhD⁴

²Centre for Pain Medicine, Swiss Paraplegic Centre,

- 17) Supporting children and adolescents with migraine: Effective and safe treatment options

Locher C, Kossowsky J, Koechlin H, Lam TL, Barthel J, Berde CB, Gaab J, Schwarzer G, Linde K, Meissner K.

Klinik für Konsiliarpsychiatrie und Psychosomatik, Universitätsspital Zürich, Universität Zürich, Schweiz

- 18) Association of parental and adolescent emotion-related factors with adolescent chronic pain behaviors

Helen Koechlin; Melanie Beeckman; Andrea H. Meier; Cosima Locher; Liesbet Goubert; Joe Kossowsky & Laura E. Simons

University Children's Hospital Zurich

- 19) How does a physiological danger cue modulate pain perception? – Studying the integration of nociception and breathing hypercapnic air

Hau Madeleine ¹, Guekos Alexandros ^{1,2}, Schweinhardt Petra ¹

¹ Integrative Spinal Research, Department of Chiropractic Medicine, Balgrist University Hospital Zurich, University of Zurich, Switzerland, ² Decision

Neuroscience Lab, Institute of Human Movement Sciences and Sport, Department of Health Sciences and Technology, ETH Zurich, Switzerland

20) Chronic low back pain reshapes cortical somatosensory representations

Cole DM, Staempfli P, Schibli L, Schweinhardt P, Schuetz P, Meier ML

University of Zurich

21) Nurse-led forest therapy module integrated into an interdisciplinary multimodal pain management program: experiences after >100 treated chronic pain patients

Andrea Tobler, MScN¹, Dr. med. Jochen Oeltjenbruns, MPH²

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²Stationäre interdisziplinäre multimodale Schmerztherapie, Palliativ- und Schmerzzentrum, Kantonsspital St.Gallen

22) The excitatory/inhibitory balance in the brainstem periaqueductal grey and associations with emotional traits are dysregulated in chronic low back pain

Laura Sirucek^{1,2}, Niklaus Zoelch^{3,4}, Brigitte Wirth⁵, Petra Schweinhardt¹

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