

Indre Bileviciute Ljungar Publication List

Peer-reviewed papers in scientific journals

1. Löfgren M, Sandström A, **Bileviciute-Ljungar I**, Mannerkorpi K, Gerdle B, Ernberg M, Fransson P, Kosek E. The effects of a 15-week physical exercise intervention on pain modulation in fibromyalgia: Increased pain-related processing within the cortico-striatal- occipital networks, but no improvement of exercise-induced hypoalgesia *Neurobiology of pain (Cambridge, Mass.)* 2023 13: 100114-
2. Valadkevičienė D, Žukauskaitė I, Karrenbauer VD, **Bileviciute-Ljungar I**. Can fatigue predict the worsening of multiple sclerosis one year later? An explorative study with participants referred to assess their ability to work *Multiple sclerosis and related disorders* 2022 68: 104393-
3. Sandström A, Ellerbrock I, Löfgren M, Altawil R, **Bileviciute-Ljungar I**, Lampa J, Kosek E. Distinct aberrations in cerebral pain processing differentiating patients with fibromyalgia from patients with rheumatoid arthritis *Pain* 2022 163:3 538-547
4. Važgėlienė D, Kubilius R, **Bileviciute-Ljungar I**. Do Comorbidities and Daily Medication before SARS-CoV-2 Infection Play a Role in Self-Reported Post-Infection Symptoms? *Journal of clinical medicine* 2022 11:21
5. Maroti D, Lumley MA, Schubiner H, Lilliengren P, **Bileviciute-Ljungar I**, Ljótsson B, Johansson R. Internet-based emotional awareness and expression therapy for somatic symptom disorder: A randomized controlled trial *Journal of psychosomatic research* 2022 163: 111068-
6. **Bileviciute-Ljungar I**, Norrefalk JR, Borg K. Pain Burden in Post-COVID-19 Syndrome following Mild COVID-19 Infection *JOURNAL OF CLINICAL MEDICINE* 2022 11:3
7. Cesanelli L, Satkunskiene D, **Bileviciute-Ljungar I**, Kubilius R, Repeckaite G, Cesanelli F, Iovane A, Messina G. The Possible Impact of COVID-19 on Respiratory Muscles Structure and Functions: A Literature Review *SUSTAINABILITY* 2022 14:12
8. Maroti D, Ek J, Widlund RM, Schubiner H, Lumley MA, Lilliengren P, **Bileviciute-Ljungar I**, Ljotsson B, Johansson R. Internet-Administered Emotional Awareness and Expression Therapy for Somatic Symptom Disorder With Centralized Symptoms: A Preliminary Efficacy Trial *FRONTIERS IN PSYCHIATRY* 2021 12: 620359-
9. Norrefalk JR, Borg K, **Bileviciute-Ljungar I**. Self-scored impairments in functioning and disability in post-COVID syndrome following mild COVID-19 infection *Journal of rehabilitation medicine* 2021 53:11 (November) jrm00239-
10. **Bileviciute-Ljungar I**, Friberg D. Emotional Awareness Correlated With Number of Awakenings From Polysomnography in Patients With Myalgic Encephalomyelitis/Chronic Fatigue Syndrome-A Pilot Study *FRONTIERS IN PSYCHIATRY* 2020 11: 222-
11. Barjandi G, Louca Jounger S, Löfgren M, **Bileviciute-Ljungar I**, Kosek E, Ernberg M. Plasma tryptophan and kynurenine in females with temporomandibular disorders and fibromyalgia-An exploratory pilot study *Journal of oral rehabilitation* 2020 47:2 150-157
12. **Bileviciute-Ljungar I**, Schult ML, Borg K, Ekholm J. Preliminary ICF core set for patients with myalgic encephalomyelitis/chronic fatigue syndrome in rehabilitation medicine *Journal of rehabilitation medicine* 2020 52:6 jrm00074-
13. Pajediene E, Pajeda A, Urnieziute G, Paulekas E, Liesiene V, **Bileviciute-Ljungar I**, Jurkeviciene G, Rastenyte D, Petrikonis K. Subjective and objective features of sleep disorders in patients with acute ischemic or haemorrhagic stroke: It is not only sleep apnoea which is important *MEDICAL HYPOTHESES* 2020 136: 109512-
14. Theorell J, **Bileviciute-Ljungar I**, Tesi B, Schlums H, Johnsgaard MS, Asadi-Azarbaijani B, Strand EB, Bryceson YT. Corrigendum: Unperturbed Cytotoxic Lymphocyte Phenotype and Function in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Patients *Frontiers in immunology* 2019 10: 350-
15. **Bileviciute-Ljungar I**, Maroti D, Bejerot S. Patients with chronic fatigue syndrome do not score higher on the autism-spectrum quotient than healthy controls: Comparison with autism spectrum disorder *Scandinavian journal of psychology* 2018 59:4 428-432
16. Ernberg M, Christidis N, Ghafouri B, **Bileviciute-Ljungar I**, Löfgren M, Bjersing J, Palstam A, Larsson A, Mannerkorpi K, Gerdle B, Kosek E. Plasma Cytokine Levels in Fibromyalgia and Their Response to 15 Weeks of Progressive Resistance Exercise or Relaxation Therapy Mediators of inflammation 2018 2018: 3985154-

17. Pajediene E, **Bileviciute-Ljungar I**, Friberg D. Sleep patterns among patients with chronic fatigue: A polysomnography-based study *The clinical respiratory journal* 2018 12:4 1389-1397
18. Maroti D, Lilliengren P, **Bileviciute-Ljungar I**. The Relationship Between Alexithymia and Emotional Awareness: A Meta-Analytic Review of the Correlation Between TAS-20 and LEAS *Frontiers in psychology* 2018 9: 453-
19. Martinsen S, Flodin P, Berrebi J, Löfgren M, **Bileviciute-Ljungar I**, Mannerkorpi K, Ingvar M, Fransson P, Kosek E. The role of long-term physical exercise on performance and brain activation during the Stroop colour word task in fibromyalgia patients *Clinical physiology and functional imaging* 2018 38:3 508-516
20. Bjersing JL, Larsson A, Palstam A, Ernberg M, **Bileviciute-Ljungar I**, Löfgren M, Gerdle B, Kosek E, Mannerkorpi K. Benefits of resistance exercise in lean women with fibromyalgia: involvement of IGF-1 and leptin *BMC musculoskeletal disorders* 2017 18:1 106-
21. Maroti D, Molander P, **Bileviciute-Ljungar I**. Differences in alexithymia and emotional awareness in exhaustion syndrome and chronic fatigue syndrome *Scandinavian journal of psychology* 2017 58:1 52-61
22. Tour J, Löfgren M, Mannerkorpi K, Gerdle B, Larsson A, Palstam A, **Bileviciute-Ljungar I**, Bjersing J, Martin I, Ernberg M, Schalling M, Kosek E. Gene-to-gene interactions regulate endogenous pain modulation in fibromyalgia patients and healthy controls-antagonistic effects between opioid and serotonin-related genes *Pain* 2017 158:7 1194-1203
23. Larsson A, Palstam A, Löfgren M, Ernberg M, Bjersing J, **Bileviciute-Ljungar I**, Gerdle B, Kosek E, Mannerkorpi K. Pain and fear avoidance partially mediate change in muscle strength during resistance exercise in women with fibromyalgia *Journal of rehabilitation medicine* 2017 49:9 744-750
24. Theorell J, **Bileviciute-Ljungar I**, Tesi B, Schlums H, Johnsgaard MS, Asadi-Azarbaijani B, Bolle Strand E, Bryceson YT. Unperturbed Cytotoxic Lymphocyte Phenotype and Function in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Patients *Frontiers in immunology* 2017 8: 723-
25. Palstam A, Larsson A, Löfgren M, Ernberg M, Bjersing J, **Bileviciute-Ljungar I**, Gerdle B, Kosek E, Mannerkorpi K. Decrease of fear avoidance beliefs following person-centered progressive resistance exercise contributes to reduced pain disability in women with fibromyalgia: secondary exploratory analyses from a randomized controlled trial *Arthritis research & therapy* 2016 18:1 116-
26. Ernberg M, Christidis N, Ghafouri B, **Bileviciute-Ljungar I**, Löfgren M, Larsson A, Palstam A, Bjersing J, Mannerkorpi K, Kosek E, Gerdle B. Effects of 15 weeks of resistance exercise on pro-inflammatory cytokine levels in the vastus lateralis muscle of patients with fibromyalgia *Arthritis research & therapy* 2016 18:1 137-
27. Ericsson A, Palstam A, Larsson A, Löfgren M, **Bileviciute-Ljungar I**, Bjersing J, Gerdle B, Kosek E, Mannerkorpi K. Resistance exercise improves physical fatigue in women with fibromyalgia: a randomized controlled trial *Arthritis research & therapy* 2016 18: 176-
28. Kosek E, Martinsen S, Gerdle B, Mannerkorpi K, Löfgren M, **Bileviciute-Ljungar I**, Fransson P, Schalling M, Ingvar M, Ernberg M, Jensen KB. The translocator protein gene is associated with symptom severity and cerebral pain processing in fibromyalgia *Brain, behavior, and immunity* 2016 58: 218-227
29. Christidis N, Ghafouri B, Larsson A, Palstam A, Mannerkorpi K, **Bileviciute-Ljungar I**, Löfgren M, Bjersing J, Kosek E, Gerdle B, Ernberg M. Comparison of the Levels of Pro-Inflammatory Cytokines Released in the Vastus Lateralis Muscle of Patients with Fibromyalgia and Healthy Controls during Contractions of the Quadriceps Muscle--A Microdialysis Study *PloS one* 2015 10:12 e0143856-
30. Maroti D, Westerberg AF, Saury JM, **Bileviciute-Ljungar I**. Computerized training improves verbal working memory in patients with myalgic encephalomyelitis/chronic fatigue syndrome: A pilot study *Journal of rehabilitation medicine* 2015 47:7 665-8
31. Flodin P, Martinsen S, Mannerkorpi K, Löfgren M, **Bileviciute-Ljungar I**, Kosek E, Fransson P. Normalization of aberrant resting state functional connectivity in fibromyalgia patients following a three month physical exercise therapy *NeuroImage. Clinical* 2015 9: 134-9
32. Pajediene E, Janauskaite J, Samusyte G, Stasaitis K, Petrikonis K, **Bileviciute-Ljungar I**. PATTERNS OF ACUTE WHIPLASH-ASSOCIATED DISORDER IN THE LITHUANIAN POPULATION AFTER ROAD TRAFFIC ACCIDENTS *JOURNAL OF REHABILITATION MEDICINE* 2015 47:1 52-7
33. Larsson A, Palstam A, Löfgren M, Ernberg M, Bjersing J, **Bileviciute-Ljungar I**, Gerdle B, Kosek E, Mannerkorpi K. Resistance exercise improves muscle strength, health status and pain intensity in fibromyalgia--a randomized controlled trial *Arthritis research & therapy* 2015 17: 161-

- 34. Bileviciute-Ljungar I**, Norrefalk JR. Beneficial long-term effects of multiprofessional assessment vs. rehabilitation program in patients with musculoskeletal pain *Pain practice : the official journal of World Institute of Pain* 2014 14:3 228-36
- 35. Bileviciute-Ljungar I**, Häglund V, Carlsson J, von Heijne A. Clinical and radiological findings in methadone-induced delayed leukoencephalopathy *Journal of rehabilitation medicine* 2014 46:8 828-30
- 36.** Flodin P, Martinsen S, Löfgren M, **Bileviciute-Ljungar I**, Kosek E, Fransson P. Fibromyalgia is associated with decreased connectivity between pain- and sensorimotor brain areas *Brain connectivity* 2014 4:8 587-94
- 37.** Martinsen S, Flodin P, Berrebi J, Löfgren M, **Bileviciute-Ljungar I**, Ingvar M, Fransson P, Kosek E. Fibromyalgia patients had normal distraction related pain inhibition but cognitive impairment reflected in caudate nucleus and hippocampus during the Stroop Color Word Test *PLoS one* 2014 9:9 e108637-
- 38.** Palstam A, Larsson A, Bjersing J, Löfgren M, Ernberg M, **Bileviciute-Ljungar I**, Ghafouri B, Sjörs A, Larsson B, Gerdle B, Kosek E, Mannerkorpi K. Perceived exertion at work in women with fibromyalgia: explanatory factors and comparison with healthy women *Journal of rehabilitation medicine* 2014 46:8 773-80
- 39.** Spetea M, Windisch P, Guo Y, **Bileviciute-Ljungar I**, Schutz J, Asim MF, Berzetei-Gurske IP, Riba P, Kiraly K, Furst S, Al-Khrasani M, Schmidhammer H. Synthesis and Pharmacological Activities of 6-Glycine Substituted 14-Phenylpropoxymorphinans, a Novel Class of Opioids with High Opioid Receptor Affinities and Antinociceptive Potencies *JOURNAL OF MEDICINAL CHEMISTRY* 2011 54:4 980-8
- 40. Bileviciute-Ljungar I**, Saxne T, Spetea M. Anti-inflammatory effects of contralateral administration of the kappa-opioid agonist U-50,488H in rats with unilaterally induced adjuvant arthritis *RHEUMATOLOGY* 2006 45:3 295-302
- 41. Bileviciute-Ljungar I**, Spetea M, Guo Y, Schutz J, Windisch P, Schmidhammer H. Peripherally mediated antinociception of the mu-opioid receptor agonist 2-[(4,5 alpha-epoxy-3-hydroxy-14 beta-methoxy-17-methylmorphinan-6 beta-yl) amino]acetic acid (HS-731) after subcutaneous and oral administration in rats with carrageenan-induced hindpaw inflammation *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS* 2006 317:1 220-7
- 42.** Ahmad T, Ugarph-Morawski A, Li H, **Bileviciute-Ljungar I**, Finn A, Ostenson CG, Kreicbergs A. Bone and joint neuropathy in rats with type-2 diabetes *REGULATORY PEPTIDES* 2004 119:1-2 61-7
- 43. Bileviciute-Ljungar I**, Spetea M. Contralateral, ipsilateral and bilateral treatments with the K-opioid receptor agonist U-50,488H in mononeuropathic rats *EUROPEAN JOURNAL OF PHARMACOLOGY* 2004 494:2-3 139-46
- 44.** Spetea M, Rydelius G, Nylander I, Ahmed M, **Bileviciute-Ljungar I**, Lundeberg T, Svensson S, Kreicbergs A. Alteration in endogenous opioid systems due to chronic inflammatory pain conditions *EUROPEAN JOURNAL OF PHARMACOLOGY* 2002 435:2-3 245-52
- 45. Bileviciute-Ljungar I**, Spetea M. Contralateral but not systemic administration of the kappa-opioid agonist U-50,488H induces anti-nociception in acute hindpaw inflammation in rats *BRITISH JOURNAL OF PHARMACOLOGY* 2001 132:1 252-8
- 46. Bileviciute-Ljungar I**, Biella G, Bellomi P, Sotgiu ML. Contralateral treatment with lidocaine reduces spinal neuronal activity in mononeuropathic rats *NEUROSCIENCE LETTERS* 2001 311:3 157-60
- 47.** Stener-Victorin E, Lundeberg T, Waldenstrom U, **Bileviciute-Ljungar I**, Janson PO. Effects of electro-acupuncture on corticotropin-releasing factor in rats with experimentally-induced polycystic ovaries *NEUROPEPTIDES* 2001 35:5-6 227-31
- 48. Bileviciute-Ljungar I**, Lundeberg T. Contralateral but not systemic administration of bupivacaine reduces acute inflammation in the rat hindpaw *SOMATOSENSORY AND MOTOR RESEARCH* 2000 17:3 285-93
- 49. Bileviciute-Ljungar I**, Lundeberg T. Contralateral treatment with xylocaine reduces nociceptive behaviour in mononeuropathic rats *NEUROREPORT* 2000 11:2 291-5
- 50.** Veraksits A, **Bileviciute-Ljungar I**, Maaros J, Vasar E, Lundeberg T. Neuronal mechanisms contribute to corticotropin-releasing factor-induced anti-oedema effect in the rat hind paw *NEUROPEPTIDES* 2000 34:2 129-34
- 51.** Spetea M, Ahmed M, **Bileviciute-Ljungar I**, Lundeberg T, Schultzberg M, Kreicbergs A. Neurokinin A in rat adjuvant arthritis. Effect of capsaicin treatment *NEUROREPORT* 1999 10:16 3307-3313
- 52. Bileviciute I**, Stenfors C, Theodorsson E, Lundeberg T. Unilateral injection of calcitonin gene-related peptide (CGRP) induces bilateral oedema formation and release of CGRP-like immunoreactivity in the rat hindpaw *BRITISH JOURNAL OF PHARMACOLOGY* 1998 125:6 1304-12

- 53.** Carleson J, Kogner P, **Bileviciute I**, Theodorsson E, Appelgren A, Appelgren B, Kopp S, Yousef N, Lundeberg T. Effects of capsaicin in temporomandibular joint arthritis in rats ARCHIVES OF ORAL BIOLOGY 1997 42:12 869-76
- 54. Bileviciute I**, Theodorsson E, Lundeberg T. Effects of histamine on neuropeptide release into the knee joint perfusate and cerebrospinal fluid in rats NEUROSCIENCE LETTERS 1997 226:1 9-12
- 55. Bileviciute I**, Ahmed M, Bergstrom J, EricssonDahlstrand A, Krecibergs A, Lundeberg T. Expression of corticotropin-releasing factor in the peripheral nervous system of the rat NEUROREPORT 1997 8:14 3127-30
- 56. Bileviciute I**, Theodorsson E, Lundeberg T. Is the pretreatment effect of low dose Freund's adjuvant on adjuvant arthritis due to an activation of the nervous system? NEUROPEPTIDES 1996 30:5 405-11
- 57. Bileviciute I**, Stenfors C, Theodorsson E, Beckman M, Lundeberg T. Significant changes in neuropeptide concentrations in the brain of normotensive (WKY) and spontaneously hypertensive (SHR) rats following knee joint monoarthritis BRAIN RESEARCH 1995 704:1 71-8

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