

CURRICULUM VITAE - LARS ARENDT-NIELSEN

Name: Lars Arendt-Nielsen Title: Head of Centre, Prof., dr.med., Ph.D. Center for Neuroplasticity and Pain (CNAP)/SMI, Department of Health Science and Technology, School of Medicine, Aalborg University, Selma Lagerløfs Vej 249, DK-9260 Gistrup, Denmark E-mail: LAN@hst.aau.dk Phone: +45 99408830 Mobile phone: +45 20940764



Professional Background

1982 Master Biomedical Sciences and Technology
1983-1984 Post graduate student, University College, London
1987 Ph.D. in Biomedical Sciences, Aalborg University
1994 Dr.Sci. Medicine, Medical Faculty, Aarhus University

Employments/Appointments

1983-1984 Research associate, The National Hospital for Nervouse Diseases, London
1984 Founder and director, Bio-medical Consult Aps
1987-1993 Assistant and associate professor, Aalborg University
1992-1996 Board member, The International Society for Electrophysiological Kinesiology
1993- Professor in Biomedical Sciences, Aalborg University
1993- Head and principal investigator, SMI
1998-1999 Guest Guest professor, The National Institute for Physiological Sciences, Okasaki, Japan
1997 President "Year of the Brain" for the campaign "The invisible pain"
1997-2007 Founder and chairman of the board, The International Doctoral School for Biomedical Sciences and Engineering, Aalborg University
1999-2008 Chairman of the board, The Doctoral School in Technology and Science, Aalborg University
2000-2005 Board member, The Danish Research Council and The Research Education Council
2000-2004 Founder and board member, NoxiTest AG
2001-2008 Board member, Department of Health Science and Technology, Aalborg University
2002 Fellow, The International Federation for Medical & Biological Engineering (IFMBE)
2004-2008 Board member, Aalborg University
2006-2008 Board member, EPOKA Medic Mission A/S
2006 Honary professor, Jiaotong University, Medical School, Xi'an, China
2007 Honary professor, University of Bern, Medical School, Switzerland
2007 Knighted by the Danish Queen (Ridder af Dannebrog)
2008 Visiting professor, University of Boston, Medical School, Boston, USA
2005-2011 Council member The International Association for the Study of Pain (IASP)
2009-2012 Chairman of the board, IASP Grant Committee
2009- Board member, IASP Press
2009- Founder and board member, C4Pain, Director R&D
2010 President, Global Year Against Pain
2010 Board member, The International Veterinary Academy of Pain Management
2010- Chairman of the board, EIR, Research and Business Park within Health Science and Technology, North Denmark
2010-2012 Guest professor, Lindköping University, Sweden
2012-2015 Board member, Aalborg University
2013- Founder and board member, NociTech A/S
2016 President, IASP Global Year Against Joint Pain
2016- Editor-in-Chief, IASP Press
2016-2018 President-Elect, IASP
2018-2020 President, IASP
2020-2022 Immediate Past President, IASP

Publications

He has published 1,307 peer reviewed journal papers (sum of times cited 47,886, average citations per item 36.87, H-index 104, Web of Science) in the area of pain neurobiology, pain assessment, pain management, musculoskeletal and visceral pain, motor control, bio-markers, itch, profiling of analgesic, and anti-inflammatory compounds. Edited six books and been guest editor for two international journals.

Lectures

Has given more than 475 invited lectures/key-note lectures at international conferences, symposia and meetings.

Ph.D. Education

Has supervised and completed more than 70 Ph.D. students over the last 30 years.

Scientific Commitments

Editorial board member of five international journals and regular reviewer for 19 international journals. Hosted two major international conferences and 11 smaller conferences.

Honours

Received more than 20 national and international honors and awards. Received in 2014 the "Pasteur Prize" for best managed public-private research project in Denmark, The Fibromyalgia Research Award and the Director Ib Henriksen Foundation Research Award. Received in 2015 "Dansk Magisterforenings Forskerpris 2015" (The Research Award of the Danish Association of Masters and PhDs), "The Bagger-Sørensen Research Award 2015" and the honorary award of The Danish Association of Chronic Pain Patients (Foreningen af Kroniske Smertepatienter (FAKS)).

Management Experience

Has a long experience in leading national and international research projects and in managing large grants from e.g. The Danish National Research Foundation, Danish Research Council, European Union, NIH, industries, and private agencies. Has been co-responsible for approximately 250 mill Dkr (35 mill Euros) over the last 25 years. Is heading a large international biomedical centre of excellence (Center for Sensory-Motor Interaction - SMI) with 80 researchers employed. SMI was founded in 1992 by support from The Danish National Research Foundation. SMI co-operates with institutions in 15 different countries, has access to 16 well-equipped laboratories covering more than 650 m². Approximately 50% of the staff at SMI comes from abroad. Co-founder of The Doctoral School in Medicine, Biomedical Science and Technology in 1997 which was also appointed as a Marie Curie Ph.D. Training Site by the EU-commission. The target areas included development of and instrumentation for new diagnostic and therapeutic methods and better rehabilitation paradigms. The Doctoral School is now operated by the Faculty of Medicine, Aalborg University, and has more than 160 Ph.D. students enrolled. Collaborating with more than 20 international pharmaceutical companies within the area of profiling analgesics and anti-inflammatory compounds. Established in 2010 EIR (Empowering Industry and Research) a Research and Business Park within Health Science and Technology.

List of Publications (sorted by descending publication year and first author)

Aliotta, G. E., Lo Vecchio, S., Elberling, J., & Arendt-Nielsen, L. (2023). Antipruritic Effects of Doxepin Cream on Experimentally Induced Histaminergic and Nonhistaminergic Itch. *Dermatologic Therapy*, 2023, [9926108]. <https://doi.org/10.1155/2023/9926108>

Aliotta, G. E., Vecchio, S. L., Elberling, J., & Arendt-Nielsen, L. (2023). The effect of repetitive topical applications of local anesthetics (EMLA) on experimental pain and itch (histaminergic and nonhistaminergic). *Itch*, 8(2), [e70]. <https://doi.org/10.1097/itx.0000000000000070>

Arendt Nielsen, L., Schepman, P., Hygge Blakeman, K., Wilhelm, S., Robinson, R., Beck, C., Liseth Hansen, J., & Rolfson, O. (2023). Prescription patterns and predictors of unmet pain relief in patients with difficult-to-treat osteoarthritis in the Nordics: analyses from the BISCUIITS study. *Scandinavian Journal of Pain*, 23(1), 149-160. <https://doi.org/10.1515/sjpain-2021-0211>

Coxon, L., Vollert, J., Perro, D., Lunde, C. E., Ferreira-Gomes, J., Charrua, A., Abreu-Mendes, P., Krassowski, M., Birch, J., Meijlink, J., Hummelshoj, L., Hoffmann, A., Aziz, Q., Arendt-Nielsen, L., Pogatzki-Zahn, E., Evans, E., Demetriou, L., McMahon, S. B., Missmer, S. A., ... Vincent, K. (2023). Comprehensive quantitative sensory testing shows altered sensory

function in women with chronic pelvic pain: results from the Translational Research in Pelvic Pain (TRiPP) Study. *Pain*. <https://doi.org/10.1097/j.pain.0000000000002955>

Coxon, L., Perro, D., Demetriou, L., Horne, A., Lunde, C., Gomes, J. F., Cordeiro, A. C., Mendes, P. A., Birch, J., Meijlink, J., Hummelshoj, L., Hoffman, A., Aziz, Q., Arendt-Nielsen, L., Pogatzki-Zahn, E., Vollert, J., Krassowski, M., Evans, E., Treede, R-D., ... Vincent, K. (Accepted/In press). *How many treatments do people with chronic pelvic pain try? Results from the Translational Research in Pelvic Pain (TRiPP) study*. Poster præsenteret ved 15th World Congress on Endometriosis (WCE), Edinburgh, Storbritannien.

Coxon, L., Krassowski, M., Vollert, J., Rahmioglu, N., Mendes, P. A., Arendt-Nielsen, L., Aziz, Q., Becker, C., Birch, J., Cordeiro, A. C., Demetriou, L., DePari, M., Evans, E., Gomes, J. F., Garbutt, K., Hoffman, A., Horne, A., Hummelshoj, L., Lunde, C., ... Vincent, K. (Accepted/In press). *How quantitative sensory testing (QST) can help us stratify in endometriosis associated pain: Results from the Translational Research in Pelvic Pain (TRiPP) study*. Poster præsenteret ved 15th World Congress on Endometriosis (WCE), Edinburgh, Storbritannien.

Danielsen, A. V., Andreasen, J. J., Dinesen, B., Hansen, J., Kjær-Staal Petersen, K., Simonsen, C., & Arendt-Nielsen, L. (2023). Chronic post-thoracotomy pain after lung cancer surgery: a prospective study of preoperative risk factors. *Scandinavian Journal of Pain*, 23(3), 501-510. <https://doi.org/10.1515/sjpain-2023-0016>

Demetriou, L., Krassowski, M., Abreu Mendes, P., Garbutt, K., Vitonis, A. F., Wilkins, E., Coxon, L., Arendt-Nielsen, L., Aziz, Q., Birch, J., Horne, A. W., Hoffman, A., Hummelshoj, L., Lunde, C. E., Meijlink, J., Perro, D., Rahmioglu, N., Terry, K. L., Pogatzki-Zahn, E., ... Vincent, K. (2023). Clinical profiling of specific diagnostic subgroups of women with chronic pelvic pain. *Frontiers in reproductive health*, 5, [1140857]. <https://doi.org/10.3389/frph.2023.1140857>

Demetriou, L., Coxon, L., Perro, D., Mendes, P. A., Lunde, C., Garbutt, K., Krassowski, M., Vitonis, A., Arendt-Nielsen, L., Aziz, Q., Birch, J., Horne, A., Hoffman, A., Hummelshoj, L., Meijlink, J., Pogatzki-Zahn, E., Sieberg, C., Treede, R-D., Becker, C., ... Vincent, K. (Accepted/In press). *Understanding Fatigue in Chronic Pelvic Pain patients: a Translational Research in Pelvic Pain (TRiPP) study*. Poster præsenteret ved 15th World Congress on Endometriosis (WCE), Edinburgh, Storbritannien.

Di Antonio, S., Arendt-Nielsen, L., & Castaldo, M. (2023). Cervical musculoskeletal impairments and pain sensitivity in migraine patients. *Musculoskeletal Science & Practice*, 66, [102817]. <https://doi.org/10.1016/j.msksp.2023.102817>

Di Antonio, S., Arendt-Nielsen, L., Ponzano, M., Bovis, F., Torelli, P., Pelosin, E., Finocchi, C., & Castaldo, M. (2023). Migraine patients with and without neck pain: Differences in clinical characteristics, sensitization, musculoskeletal impairments, and psychological burden. *Musculoskeletal Science & Practice*, 66, [102800]. <https://doi.org/10.1016/j.msksp.2023.102800>

Di Antonio, S., Arendt-Nielsen, L., Ponzano, M., Bovis, F., Torelli, P., Finocchi, C., & Castaldo, M. (2023). Profiling migraine patients according to clinical and psychophysical characteristics: a cluster analysis approach. *Pain Medicine*, 24(9), 1046-1057. <https://doi.org/10.1093/pm/pnad048>

Di Antonio, S., Arendt-Nielsen, L., Ponzano, M., Bovis, F., Torelli, P., Finocchi, C., & Castaldo, M. (2023). Trigemino-cervical pain sensitivity during the migraine cycle depends on headache frequency. *Neurological Sciences*, 1-12. <https://doi.org/10.1007/s10072-023-06858-x>

Ebbesen, B. D., Giordano, R., Valera-Calero, J. A., Hedegaard, J. N., Fernández-de-Las-Peñas, C., & Arendt-Nielsen, L. (2023). Prevalence and Risk Factors of de Novo Widespread Post-COVID Pain in Non-Hospitalized COVID-19 Survivors: A Nation-Wide Exploratory Population-Based Survey. *The Journal of Pain*. <https://doi.org/10.1016/j.jpain.2023.08.011>

Fernandez-de-Las-Penas, C., Cancela-Celleruelo, I., Moro-Lopez-Menchero, P., Rodriguez-Jimenez, J., Pellicer-Valero, O. J., Martin-Guerrero, J. D., & Arendt-Nielsen, L. (2023). Exploring the trajectory curve of long-term musculoskeletal post-COVID pain symptoms in hospitalized COVID-19 survivors: a multicenter study. *Pain*, 164(2), 413-420. <https://doi.org/10.1097/j.pain.0000000000002718>

Fernández-de-Las-Peñas, C., Arendt-Nielsen, L., Díaz-Gil, G., Gil-Crujera, A., Gómez-Sánchez, S. M., Ambite-Quesada, S., Palomar-Gallego, M. A., Pellicer-Valero, O. J., & Giordano, R. (2023). ACE1 rs1799752 Polymorphism is not Associated with Long-COVID Symptomatology in Previously Hospitalized COVID-19 Survivors. *Journal of Infection*, *86*(3), e67-e69. <https://doi.org/10.1016/j.jinf.2022.12.026>

Fernández-de-Las-Peñas, C., Arendt-Nielsen, L., Díaz-Gil, G., Gómez-Esquer, F., Gil-Crujera, A., Gómez-Sánchez, S. M., Ambite-Quesada, S., Palomar-Gallego, M. A., Pellicer-Valero, O. J., & Giordano, R. (2023). Apolipoprotein E (ApoE) ϵ 4 Genotype (ApoE rs429358-ApoE rs7412 Polymorphisms) Is Not Associated with Long COVID Symptoms in Previously Hospitalized COVID-19 Survivors. *genes*, *14*(7), [1420]. <https://doi.org/10.3390/genes14071420>

Fernández-de-Las-Peñas, C., Fuensalida-Novo, S., Nijs, J., Basson, A., Plaza-Manzano, G., Valera-Calero, J. A., Arendt-Nielsen, L., & de-la-Llave-Rincón, A. I. (2023). Carpal Tunnel Syndrome: Neuropathic Pain Associated or Not with a Nociceptive Condition. *Biomedicines*, *11*(6), [1744]. <https://doi.org/10.3390/biomedicines11061744>

Fernández-de-Las-Peñas, C., Valera-Calero, J. A., Arendt-Nielsen, L., Martín-Guerrero, J. D., Cigarán-Méndez, M., Navarro-Pardo, E., & Pellicer-Valero, O. J. (2023). Clustering Analysis Identifies Two Subgroups of Women with Fibromyalgia with Different Psychological, Cognitive, Health-Related and Physical Features but Similar Widespread Pressure Pain Sensitivity. *Pain Medicine*, *24*(7), 881-889. <https://doi.org/10.1093/pm/pnac206>

Fernández-de-Las-Peñas, C., Nijs, J., Cagnie, B., Gerwin, R. D., Plaza-Manzano, G., Valera-Calero, J. A., & Arendt-Nielsen, L. (2023). Myofascial Pain Syndrome: A Nociceptive Condition Comorbid with Neuropathic or Nociceptive Pain. *Life*, *13*(3), [694]. <https://doi.org/10.3390/life13030694>

Fernández-de-las-Peñas, C., Nijs, J., Giordano, R., & Arendt-Nielsen, L. (2023). Precision management of post-COVID pain: An evidence and clinical-based approach. *European Journal of Pain*, *27*(9), 1107-1125. <https://doi.org/10.1002/ejp.2095>

Fernández-de-las-Peñas, C., Parás-Bravo, P., Ferrer-Pargada, D., Cancela-Celleruelo, I., Rodríguez-Jiménez, J., Nijs, J., Arendt-Nielsen, L., & Herrero-Montes, M. (2023). Sensitization Symptoms are Associated with Psychological and Cognitive Variables in COVID-19 Survivors Exhibiting post-COVID Pain. *Pain Practice*, *23*(1), 23-31. <https://doi.org/10.1111/papr.13146>

Florencio, L. L., Palacios-Ceña, M., Fuensalida-Novo, S., de-la-Llave-Rincón, A. I., Ambite-Quesada, S., Ortega-Santiago, R., Arias-Buría, J. L., Cigarán-Méndez, M., Arendt-Nielsen, L., & Fernández-de-Las-Peñas, C. (2023). Multidimensional evaluation of the pain profile as prognostic factor in individuals with hip or knee osteoarthritis receiving total joint replacement: protocol of a 2-year longitudinal prognostic cohort study. *BMJ Open*, *13*(1), [e066745]. <https://doi.org/10.1136/bmjopen-2022-066745>

Giordano, R., Ghafouri, B., Arendt-Nielsen, L., & Petersen, K. K. (2023). Inflammatory biomarkers in patients with painful knee osteoarthritis: exploring the potential link to chronic postoperative pain after total knee arthroplasty—a secondary analysis. *Pain*. <https://doi.org/10.1097/j.pain.0000000000003042>

Giordano, R., Gerra, M. C., Okutani, H., Lo Vecchio, S., Stensballe, A., Petersen, K. K., & Arendt-Nielsen, L. (2023). The temporal expression of circulating microRNAs after acute experimental pain in humans. *European Journal of Pain*, *27*(3), 366-377. <https://doi.org/10.1002/ejp.2062>

Hansen, J. L., Heilig, M., Kalso, E., Stubhaug, A., Knutsson, D., Sandin, P., Dorling, P., Beck, C., Grip, E. T., Blakeman, K. H., & Arendt-Nielsen, L. (2023). Problematic opioid use among osteoarthritis patients with chronic post-operative pain after joint replacement: analyses from the BISCUIITS study. *Scandinavian Journal of Pain*, *23*(2), 353-363. <https://doi.org/10.1515/sjpain-2022-0137>

Hostrup, S. N. F., O'Neill, S. F. D., Larsen, J. B., Arendt-Nielsen, L., & Petersen, K. K. (2023). A simple, bed-side tool to assess evoked pressure pain intensity. *Scandinavian Journal of Pain*, *23*(2), 382-388. <https://doi.org/10.1515/sjpain-2022-0055>

Kono, R., Oono, Y., Takagi, S., Uth, X. J., Petersen, K. K., Arendt-Nielsen, L., & Kohase, H. (2023). Preoperatively assessed offset analgesia predicts acute postoperative pain following orthognathic surgery. *Scandinavian Journal of Pain*. <https://doi.org/10.1515/sjpain-2023-0003>

Kuan, K., Demetriou, L., Horne, A., Pogatzki-Zahn, E., Krassowski, M., Coxon, L., Mendes, P. A., Perro, D., Garbutt, K., Vitonis, A., Lunde, C., Arendt-Nielsen, L., Aziz, Q., Birch, J., Hoffman, A., Hummelshoj, L., Meijlink, J., Sieberg, C., Treede, R-D., ... Vincent, K. (2023). *Comparing Assessments for Chronic Pelvic Pain: A correlation analysis of the Translational Research in Pelvic Pain (TRiPP) Outcome Data*. Poster præsenteret ved 15th World Congress on Endometriosis (WCE), Edinburgh, Storbritannien.

Larsen, J. B., Madeleine, P., Sørensen, L. B., Sachau, J., Otto, J. C., Baron, R., & Arendt-Nielsen, L. (2023). Subgrouping of facilitatory or inhibitory conditioned pain modulation responses in patients with chronic knee pain. Explorative analysis from a multicentre trial. *European Journal of Pain*. <https://doi.org/10.1002/ejp.2185>

Lyng, K. D., Larsen, J. B., Birnie, K. A., Stinson, J., Hoegh, M. S., Palsson, T. S., Olesen, A. E., Arendt-Nielsen, L., Ehlers, L. H., Fonager, K., Jensen, M. B., Würtzen, H., Poulin, P. A., Handberg, G., Ziegler, C., Møller, L. B., Olsen, J., Heise, L., & Rathleff, M. S. (2023). Participatory research: a Priority Setting Partnership for chronic musculoskeletal pain in Denmark. *Scandinavian Journal of Pain*, 23(2), 402-415. <https://doi.org/10.1515/sjpain-2022-0019>

Lyng, K. D., Djurtoft, C., Bruun, M. K., Christensen, M. N., Lauritsen, R. E., Larsen, J. B., Birnie, K. A., Stinson, J., Hoegh, M. S., Palsson, T. S., Olesen, A. E., Arendt-Nielsen, L., Ehlers, L. H., Fonager, K., Jensen, M. B., Würtzen, H., Poulin, P. A., Handberg, G., Ziegler, C., ... Rathleff, M. S. (2023). What is known and what is still unknown within chronic musculoskeletal pain? A systematic evidence and gap map. *Pain*, 164(7), 1406-1415. <https://doi.org/10.1097/j.pain.0000000000002855>

Mørch, C. D., Szpejewska, J. E., Poulsen, L. Ø., Yilmaz, M. N., Falkmer, U. G., & Arendt-Nielsen, L. (2023). Oxaliplatin causes increased offset analgesia during chemotherapy - a feasibility study. *Scandinavian Journal of Pain*. <https://doi.org/10.1515/sjpain-2023-0037>

Nakawaki, M., Kenmoku, T., Uchida, K., Arendt-Nielsen, L., Nagura, N., & Takaso, M. (2023). Expression of Apelin in Rotator Cuff Tears and Examination of Its Regulatory Mechanism: A Translational Study. *Curēus*, 15(8), [e44347]. <https://doi.org/10.7759/cureus.44347>

Okutani, H., Lo Vecchio, S., Ammitzbøll, N., Drewes, A. M., & Arendt-Nielsen, L. (2023). Effects of oral morphine on experimentally evoked itch and pain: a randomized, double-blind, placebo-controlled trial. *Scandinavian Journal of Pain*. <https://doi.org/10.1515/sjpain-2023-0034>

Oono, Y., Kubo, H., Takagi, S., Wang, K., Arendt-Nielsen, L., & Kohase, H. (2023). Conditioned pain modulation is not associated with thermal pain illusion. *Scandinavian Journal of Pain*, 23(1), 175-183. <https://doi.org/10.1515/sjpain-2022-0037>

Perreault, T., Arendt-Nielsen, L., Fernández-de-Las-Peñas, C., Dommerholt, J., Herrero, P., & Hubbard, R. (2023). Intramuscular Electrical Stimulation for the Treatment of Trigger Points in Patients with Chronic Migraine: A Protocol for a Pilot Study Using a Single-Case Experimental Design. *Medicina*, 59(8), [1380]. <https://doi.org/10.3390/medicina59081380>

Riccio, D., Lo Vecchio, S., & Arendt-Nielsen, L. (2023). The effect of escalating heat stimulation on top of anesthetized skin. *Itch*, 8(1), [e65]. <https://doi.org/10.1097/itx.000000000000065>

Rizzo, M., Del Percio, C., Petrini, L., Lopez, S., Arendt-Nielsen, L., & Babiloni, C. (2023). Cortical sources of electroencephalographic alpha rhythms related to the anticipation and experience of mirror visual feedback-induced illusion of finger movements. *Psychophysiology*, 60(6), [e14281]. <https://doi.org/10.1111/psyp.14281>

Røikjer, J., Croosu, S. S., Borbjerg, M. K., Hansen, T. M., Frøkjær, J. B., Arendt-Nielsen, L., Ejlskjær, N., & Mørch, C. D. (2023). Optimizing examination time and diagnostic performance of the histamine-induced axon-reflex flare response in diabetes. *Muscle & Nerve*, 68(3), 308-315. <https://doi.org/10.1002/mus.27925>

Røikjer, J., Croosu, S. S., Frøkjær, J. B., Hansen, T. M., Arendt-Nielsen, L., Ejksjaer, N., & Mørch, C. D. (2023). Perception threshold tracking: validating a novel method for assessing function of large and small sensory nerve fibers in diabetic peripheral neuropathy with and without pain. *Pain*, *164*(4), 886-894. <https://doi.org/10.1097/j.pain.0000000000002780>

Schepman, P., Robinson, R., Blakeman, K. H., Wilhelm, S., Beck, C., Hallberg, S., Liseth-Hansen, J., De Geer, A., Rolfson, O., & Arendt-Nielsen, L. (2023). Factors influencing quality of life in patients with osteoarthritis: analyses from the BISCUITS study. *Scandinavian Journal of Pain*, *23*(1), 139-148. <https://doi.org/10.1515/sjpain-2021-0213>

Schliessbach, J., Siegenthaler, A., Graven-Nielsen, T., Arendt-Nielsen, L., & Curatolo, M. (2023). Effects of conditioned pain modulation on Capsaicin-induced spreading muscle hyperalgesia in humans. *Scandinavian Journal of Pain*. <https://doi.org/10.1515/sjpain-2023-0020>

Schmidt, M., Arendt-Nielsen, L., Hauge, E-M., Sørensen, H. T., & Pedersen, L. (2023). High- vs. low-dose diclofenac and cardiovascular risks: a target trial emulation. *European Heart Journal - Cardiovascular Pharmacotherapy*, *9*(5), 453-461. [pvad018]. <https://doi.org/10.1093/ehjcvp/pvad018>

Vela, J., Dreyer, L., Petersen, K. K., Arendt-Nielsen, L., Duch, K. S., Amris, K., & Kristensen, S. (2023). Quantitative sensory testing, psychological profiles and clinical pain in patients with psoriatic arthritis and hand osteoarthritis experiencing pain of at least moderate intensity. *European Journal of Pain*. <https://doi.org/10.1002/ejp.2183>

Aliotta, G. E., Lo Vecchio, S., Elberling, J., & Arendt-Nielsen, L. (2022). *Antipruritic effect of TRPA1 antagonist on non-histaminergic itch induced by BAM8-22, a pilot study*. Poster præsenteret ved IASP 2022 World Congress on Pain, Toronto, Canada.

Aliotta, G. E., Lo Vecchio, S., Elberling, J., & Arendt-Nielsen, L. (2022). *Effect of antihistaminergic cream doxepin on itch induced by histamine, bam8-22, and cowhage*. Poster præsenteret ved 12th Congress of the European Pain Federation (EFIC), Dublin, Ireland.

Aliotta, G. E., Lo Vecchio, S., Elberling, J., & Arendt-Nielsen, L. (2022). Evaluation of itch and pain induced by bovine adrenal medulla (BAM)8-22, a new human model of non-histaminergic itch. *Experimental Dermatology*, *31*(9), 1402-1410. <https://doi.org/10.1111/exd.14611>

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Arendt-Nielsen, L. (2022). *Fra smerteimpuls til smerteoplevelse*. Poster præsenteret ved Aalborg Tandlæge Selskab, Aalborg, Danmark.

Arendt-Nielsen, L. (2022). Non-Coding RNA Signature in Painful Knee OA. *Osteoarthritis and Cartilage*, *30*(Suppl. 1), S6. <https://doi.org/10.1016/j.joca.2022.02.611>

Arendt-Nielsen, L., Thise Pedersen, J., Høj, A. L., Thomsen, L., Dreier, S., & Keefe, F. J. (2022). *The Evolving Landscape of Publishing in the Field of Pain: A Bibliometric Analysis from 1974-2021*. Poster præsenteret ved IASP 2022 World Congress on Pain, Toronto, Canada.

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