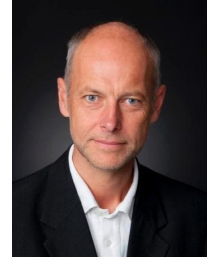


CURRICULUM VITAE - LARS ARENDT-NIELSEN

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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 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 1,287 peer reviewed journal papers (sum of times cited 45,207, average citations per item 36.9, H-index 102, 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)

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 BISCUITS study. *Scandinavian Journal of Pain*, 23(1), 149-160.
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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>

Riccio, D., Lo Vecchio, S., & Arendt-Nielsen, L. (2023). The effect of escalating heat stimulation on top of anesthetized skin. *Itch*, *8*(1). <https://doi.org/10.1097/itx.0000000000000065>

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>

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Aliotta, G. E., Saii, Z., Elberling, J., Arendt-Nielsen, L., & Lo Vecchio, S. (2022). Papain as a Potential New Experimental Model of Non-histaminergic Itch. *Acta Dermato-Venereologica*, *102*, [adv00786]. <https://doi.org/10.2340/actadv.v102.2693>

Arendt-Nielsen, L. (2022). *Fra smerteimpuls til smerteoplevelse*. Poster presented at Aalborg Tandlæge Selskab, Aalborg, Denmark.

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>

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Di Antonio, S., Castaldo, M., Torelli, P., Finocchi, C., & Arendt-Nielsen, L. (2022). *Phenotyping migraine patients according to psychophysical characteristics*. Poster presented at IASP 2022 World Congress on Pain, Toronto, Canada.

Di Antonio, S., Castaldo, M., Torelli, P., Finocchi, C., & Arendt-Nielsen, L. (2022). *The time from the last and to the next headache attack predict pain sensitization in high-frequency but not low-frequency episodic migraine patients*. Poster presented at IASP 2022 World Congress on Pain, Toronto, Canada.

Di Antonio, S., Castaldo, M., Ponzano, M., Bovis, F., Hugo Villafañe, J., Torelli, P., Finocchi, C., & Arendt-Nielsen, L. (2022). Trigeminal and cervical sensitization during the four phases of the migraine cycle in patients with episodic migraine. *Headache*, 62(2), 176-190. <https://doi.org/10.1111/head.14261>

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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. (2022). ACE1 rs1799752 Polymorphism is not Associated with Long-COVID Symptomatology in Previously Hospitalized COVID-19 Survivors. *Journal of Infection*. <https://doi.org/10.1016/j.jinf.2022.12.026>

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Fernández-de-Las-Peñas, C., Giordano, R., Díaz-Gil, G., Gómez-Esquer, F., Ambite-Quesada, S., Palomar-Gallego, M. A., & Arendt-Nielsen, L. (2022). Post-COVID Pain Is Not Associated with Inflammatory Polymorphisms in People Who Had Been Hospitalized by COVID-19. *Journal of Clinical Medicine*, 11(19), [5645]. <https://doi.org/10.3390/jcm11195645>

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