

Curriculum Vitae, Post doc Rikke Hahn Kofoed, MSc, PhD

ACADEMIC EDUCATION

PhD, *DANDRITE, Aarhus University (AU), Denmark*, Defended 11/1/2018

MSc Molecular Medicine, *AU, Denmark*, 2/9/2015

BSc Molecular Medicine, *AU, Denmark*, 15/8/2012

ACADEMIC POSITIONS

Post-doctoral fellow, *CENSE, AU, Denmark*, 3/2023 – present

Post-doctoral fellow, *Sunnybrook Health Sciences Center, Canada*, 4/2018 – 12-2022

Research Assistant, *DANDRITE, AU, Denmark*, 9/2017 – 2/2018

PRIZES/AWARDS

Best oral presentation, Bente Pakkenberg prize, 17/6/2024

Travel award, Fondsbørsvekslerer Henry Hansen og Hustru Karla Hansens Legat, 7/2/2024

Trainee Professional Development Award, Society for Neuroscience, USA, 7/9/2022

First Place Outstanding Poster, Winter Conference on Brain Research, USA, 30/1/2020

First place poster award, Hurvitz Brain Sciences Research Retreat, Canada, 9/1/2020

RESEARCH EXPERIENCE AND PROJECTS

Focused ultrasound neuromodulation as a treatment for Parkinson's disease

1/3/2023 – present *Aarhus University, Denmark*

Gene delivery in models of neurological disorders using focused ultrasound and AAV

15/4/2018 – 31/8/2024 *Sunnybrook Health Sciences Center, Canada*

Regulation of α -synuclein levels as a potential treatment for Parkinson's disease

19/8/2013 – 28/2/2018 *DANDRITE, Aarhus University, Denmark*

Viral vector production 1/5/2013 – 14/6/2013 *KU Leuven, Belgium*

Development and characterization of *C. elegans* model of Parkinson's disease

20/8/2012 – 1/5/2013 *Aarhus University, Denmark*

Transgenerational stress responses in *C. elegans*

22/8/2011 – 22/6/2012 *Aarhus University, Denmark*

PUBLIC OUTREACH ACTIVITIES

Presenter 11/3/2025

Brain Awareness Week. Lundbeck Foundation, Aarhus University Hospital, and Danish Neuroscience Center public event, Aarhus, Denmark.

Presenter 19/7/2022

Canadian Partnership for Stroke Recovery SPiN (Stroke Program in Neurorecovery) workshop, (online)

Q&A session moderator 11/5/2022

Canadian Association for Neuroscience Public lecture (online)

Presenter 30/1/2020

Winter Conference on Brain Research School Outreach Program, Montana, USA

Guest lecturer 7/1/2020

Collège français (Highschool) science class, Toronto, Canada

INDUSTRIAL COLLABORATIONS

Consulting European costumers on focused ultrasound experiment design and equipment use

Company: FUS Instruments. Consultant contract signed 16/06/2024

Leading process and drafting of documents for sponsored research agreement

Company: Sanofi. Signed 30/6/2022, collaboration is ongoing

Consulting on experimental design and partake in experiment conduction

Company: Sangamo. 3/7/2019 – 29/7/2022

Leading experimental design, experiment conduction, sample preparation and shipping to company for analysis

Company: Clene Medicine. 5/10/2020 –22/6/2021

Leading experimental design, experiment conduction, data analysis, reporting to company, production of final report and manuscript for publication

Company: Sanofi. 1/1/2019 – 31/12/2019

DISSEMINATION

Invited and selected oral presentations:

Cutting-Edge Applications in Cell and Gene Therapies - ASGCT and Focused Ultrasound

Foundation partnership workshop 13/12/2024

Copenhagen Brain Stimulation week - Copenhagen 6/12/2024

Neuroscience Academy Denmark annual meeting - Copenhagen 30/10/2024

Society for Neuroscience (selected) – Chicago, USA 5/10/2024

Focused Ultrasound for Gene and Cell Therapy: A Workshop - organized by Focused Ultrasound Foundation, Washington, USA 16/11/2023

Winter Conference on Brain Research – Utah, USA 22/1/2023

Canadian Neuroscience meeting - Canadian Neurophotonics Platform Satellite meeting, Toronto, Canada 12/5/2022

Lecture for Focused Ultrasound Laboratory - Brigham and Women's Hospital, Harvard (online) 15/12/2021

Lecture for Centre de Recherches CERVO Brain Research Centre - Quebec (online), Canada 6/11/2021

Blood-brain barrier Summit – online 31/8/2020

COURSE DEVELOPMENT

Organizer of and lecturer in Introduction to Preclinical Gene Therapy, 9/7/2020 – 6/8/2020

Sunnybrook researchers at all levels, Sunnybrook Health Sciences Center, Canada