

# Curriculum Vitae

Personal information Kathrine Just Andersen

Work experience

### 1. Employer: The Danish Medicines Agency

- Start date: 012020 .
- End date: Position: Scientific Officer \_ Veterinarian
- . Position: Clinical trial assessor
  - Activities:
    - Member of 3RsWP (Since Apr 2022)
    - Member of Efficacy Working Party (Oct 2020 Feb 2023) Alternate at The Danish Animal Experimentation Council (Since Oct 2020)
    - Pharmacovigilance of veterinary medical products Assessor of veterinary medical products: Pharmacologicals and biologicals

    - Internship in department for clinical trials (Apr 2023 Sep 2023)
  - Responsible teacher at internal project manager course at DKMA Country: Denmark

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- 2. Employer: H. Lundbeck A/S Start date: 122019
  - . End date: 122019
  - . Position: Senior Research Scientist
  - Activities:
    - Part of Biomarker focus teams for Parkinson's disease and Alzheimer's Disease Coordinating and executing in vivo studies focusing on the penetration over the
    - BBB of antibodies Responsible for PK/PD studies in rodents in antibody projects with focus on
    - biomarkers
    - Responsible of the Microdialysis method in neurodegeneration projects Direct manager for two technicians

    - Responsible for the collaboration for several international CROs

    - Responsible for breeding of several transgenic rodent lines Involved as *in vivo* responsible for H. Lundbeck A/S in an EU sponsored consortium
- Country: Denmark 3. Employer: H. Lundbeck A/S
  - Start date: 102015 End date: 112019 ٠
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    - Position: Research Scientist
    - Activities:
      - Part of Biomarker focus teams for Parkinson's disease and Alzheimer's Disease Coordinating and executing in vivo studies focusing on the penetration over the BBB of antibodies
        - Responsible for PK/PD studies in rodents in antibody projects with focus on
      - biomarkers
        - Responsible of the Microdialysis method in neurodegeneration projects
        - Supporting projects with in vivo electrophysiology
        - Direct manager for two technicians
        - Responsible for the collaboration for several international CROs
        - Responsible for breeding of several transgenic rodent lines Involved as in vivo responsible for H. Lundbeck A/S in an EU sponsored consortium
  - Country: Denmark
- 4. Employer: H. Lundbeck A/S
  - Start date: 122012
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    - Activities
      - Parkinson's disease
      - Responsible of the Microdialysis method in Division of Neurodegeneration Supporting projects with in vivo electrophysiology
    - Country: Denmark
    - Start date: 032009
    - . End date: 082009
    - Position: General veterinarian .
      - Activities:
        - Veterinarian in a conventional veterinarian practice
          - Working primarily with cattle, but also horses and small animals
- 6. Employer: H. Lundbeck A/S Start date: 072008 End date: 022009
  - Position: Research assistent
  - Activities:
    - Set up a new model in dogs using microdialysis and EEG recordings to visualize neurotransmitter efflux and activity during SSRI exposure
  - Country: Denmark

- End date: 092015 Position: Scientist
  - Coordinating in vivo studies with chronic treatment with animal models of
- 5. Employer: Nørager Dyrehospital

7. Employer: H. Lundbeck A/S

- Start date: 012007
- End date: 062008 Position: Student assistent .
- Activities:
- Dosing of laboratory animals Country: Denmark
- Employer: Department of Experimental Medicine, Faculty of Health Science, Copenhagen University
  Start date: 112006

  - End date: 042007 Position: Student assistent
  - Activities
    - Dosing of laboratory animals
  - Health monitoring laboratory animals during weekends
  - Country: Denmark

## Education and training

1. Subject: Master course in Nonclinical safety and Toxicology

- Start date: 032024

End date: 032024 Qualification: The non-clinical safety assessment of new drugs, including evaluation of general toxicity and safety pharmacology, genotoxicity, carcinogenicity, and reproductive toxicity but also aspects of ADME (absorption, distribution, metabolism, excretion) and toxicokinetics in relevant species. Introduction to non-clinical safety assessment and to get insights in the requirements and the conclusions to be drawn from the results of non-clinical safety studies conducted in vivo as well as in vitro.

- Organisation: University of Copenhagen Country: Denmark
- 2. Subject: Master course in Pharmacology Start date: 052021 End date: 052021

 Qualification: Basic concepts of general pharmacology, training pharmacokinetics with hands-on calculations. Focus on experimental *in vitro* and *in vivo* tools and on animal experimental models for various diseases including modern experimental techniques.

- General pharmacology (pharmacodynamics). Pharmacokinetics (basic concepts, extra vascular dosing using a one-compartment model, IV administration using 1- and 2 compartment models, elimination: metabolism and excretion, hands-on calculation in an Excel spreadsheet).
- Exploratory pharmacology (measurement of pharmacological effect, safety pharmacology).
- In vitro pharmacology, concepts and methodology (ADME; biomarkers;
- metabolism; transporters). In vivo pharmacology, methodology (animal models for cardiovascular diseases, obesity, bone and joint diseases and pain; behavioural animal models).
- Organisation: University of Copenhagen
- Country: Denmark
  Subject: Course on the BBB in CNS Drug Development
  Start date: 102017

  - End date: 102017 Qualification: Insights on the mechanisms of Blood-Brain Barrier (BBB) transport and intrabrain distribution for (CNS) drug development. In-depth insight in the complex function of the BBB with regard to transport kinetics in health and disease. Also, it addresses CNS drug delivery, CNS diseases, and preclinical- clinical translation and predictions. It integrates lectures with
  - several extensive hands-on exercises in order to deepen the knowledge conveyed. Organisation: Udenaes Consulting
    - Country: Sweden
- 4. Subject: PhD in Neuroscience Start date: 092009

  - End date: 112012 Qualification: "Characterizing changes in the basal ganglia in a new rat model of Parkinson's Disease over-expressing alpha-synuclein'
  - Organisation: Aarhus University
  - Country: Denmark
- 5. Subject: Neuroscience school of advanced studies Start date: 042012

  - End date: 042012 Qualification: Course in Synucleinopathies
  - Organisation:
- Country: Italy
  Subject: Neuroscience school of advanced studies
  - - Start date: 092011 End date: 092011
    - Qualification: Course in Pathophysiology of Basal Ganglia Disorders
    - Organisation: Country: Italy
- 7. Subject: LIFE Sciences, University of Copenhagen
  Start date: 092002
  - End date: 062008
  - Qualification: Master's degree in Veterinary Medicine
  - Organisation:
  - Country: Denmark

# Additional information

#### Publications

Andersen MA, Christensen KV, Badolo L, Smith GP, Jeggo R, Jensen PH, Andersen KJ, Sotty F. Parkinson's disease\_like burst firing activity in subthalamic nucleus induced by AAV\_a\_synuclein is normalized by LRRK2 modulation. Neurobiol Dis. 2018 Aug;116:13\_27. Febbraro F, Just Andersen K, Sanchez\_Guajardo V, Romero\_Ramos M. Chronic deferoxamine induces changes in alpha\_synuclein induced pathology and immune response and results in a partial protection against motor defects in the a\_syn rAAV Parkinson's model. Manuscript in preparation: to be submitted to Experimental Neurology.

Febbraro F, Just Andersen K, Sanchez-Guajardo V, Romero-Ramos M. Chronic deferoxamine induces changes in alpha-synuclein induced pathology and immune response and results in a partial protection against motor defects in the a-syn rAAV Parkinson's model. Manuscript in preparation: to be submitted to Experimental Neurology.

Projects Memberships Other Relevant Information