

# Ana Peleteiro Vigil, PhD

Biomedical Researcher | Drug Delivery | Project Management

 [linkedin.com/in/anapeleteirovigil](https://www.linkedin.com/in/anapeleteirovigil)  0000-0002-5990-5037  [apv@biomed.au.dk](mailto:apv@biomed.au.dk)

## EXPERIENCE

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### Postdoc researcher

Mar 2026 – Currently Aarhus University (Denmark)

- Developing platform technologies for effective intracellular delivery

### Study Coordinator at Cantabria Cohort

Sep 2022 – Jan 2026 Valdecilla University Hospital - IDIVAL (Spain)

- Co-lead large-scale biomedical research project with 50,000+ participants
- Contributed to the design, optimization, and monitoring of study protocols
- Implemented innovative science communication strategies

### University Lecturer, Physiology and Physiopathology

Feb 2024 – Currently Open University of Catalonia - UOC (hybrid, Spain)

Mar 2018 – Nov 2021 University of Salamanca (Spain)

- Member of the Department Council and the Faculty of Pharmacy Board
- Coordinator of the Educational Program EducaFarma (2018 – 2020)
- Delivered 300+ hours of teaching and training

### Predoctoral Researcher – Oncology and Biological Drugs Delivery

Sep 2016 - Mar 2022 University of Salamanca-IBSAL (Spain)

- Engineered a biological delivery platform to enhance the intracellular transport of recombinant proteins using a cell-penetrating peptide
- Developed knock-out models of membrane proteins involved in antitumor drug transportation, enabling the design of novel therapeutic protocols
- Comprehensively profiled ABC transporter expression across 4 cell lines
- Identified a link between glucocorticoids and cholesterol homeostasis

### Visiting Researcher in Proteomics of Membrane Transporters

Jul 2021 – Oct 2021 Signatope GmbH (Germany)

### Community Pharmacist (Erasmus+ internship)

Feb 2016 – Aug 2016 Masaryk University – formerly VFU Brno (Czech Republic)

## EDUCATION

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### MSc in Bioinformatics & Biostatistics

Feb 2024 – Currently (part-time) UOC & University of Barcelona

### PhD and MSc in Pathophysiology and Pharmacology

Sep 2016– Mar 2022 University of Salamanca

*Cum laude* International PhD Thesis

### BSc Hons in Pharmacy

Sep 2011 – Jul 2016 University of Salamanca

## BIOINFORMATICS & DATA ANALYSIS

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Python | R | REDCap

GraphPad | MS Office

## WET LAB TECHNIQUES

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Mammalian Cell Culture

Molecular biology techniques

Lentiviral transduction

Single-Cell Cloning

Protein Expression & Purification

## DOCUMENTATION

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Standard Operating Procedure (SOP) Writing

Scientific Communication

Project Management

## LANGUAGES

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Spanish (native)

English (C1 – full professional proficiency)

French (B1 - intermediate)

## SIDE PROJECTS

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Executive Board at the Researchers Association INNOVA (2018 – 2022)

President of a national Congress for Junior Researchers (Sep 2019)

Community Manager at the Pharmacy Faculty Students Association (2015 – 2016)