



Jasper M.A. de Jong

PhD

Contact Profile

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I am a self-taught certified data analyst with over 14 years of experience in biomedical research. I am enthusiastic about creating new ideas and solving problems using data and communicating insights through visualization.

Websites Work Experience

[Portfolio Page](#)

[Github](#)

[LinkedIn](#)

Languages

Dutch (native)
English (fluent)
Swedish (conversational)

Atrogi AB

2023-2025 Senior Research Scientist | Solna, Sweden

- **Supervised research projects** in preclinical drug development
- **Served as a data analyst** collecting, organizing and visualizing data from clinical and preclinical studies
- **Created and revised** funding applications, study reports and presentations for external parties

Yale University School of Medicine

2017–2022 Postdoctoral Fellow | Dept. of Comparative Medicine, USA

- **Managed research projects** studying the health effects of dietary fat composition
- Designed, conducted and analyzed mouse experiments
- Applied **bioinformatics** tools in R to analyze large data sets (e.g. microbiome and lipidomics data)
- **Supervised** 5 students at different academic stages doing their research projects

Stockholm University

2012 – 2017 Doctoral student | Physiology program, Dept. of Molecular Biosciences, Sweden

- Conducted research projects studying the effects of environmental factors on fat tissue development
- Applied **bioinformatics** tools in R to analyze RNA-sequence data sets
- **Developed and taught practical classes** for bachelor and master students
- **Supervised** 7 bachelor and master students doing their research projects

Harvard University

2010 Research intern | Dept. of Stem Cell and Regenerative Biology, USA

- Conducted my thesis project studying the **development of human stem cells** into fat cells

Education

Utrecht University

Faculty of Science, The Netherlands

- **MSc** in Cancer Genomics & Developmental Biology | 2011
- **BSc** in Biomedical Sciences | 2008

Certificates

- **Data Analyst Professional with R** (Datacamp)
- **FELASA C** Laboratory Animal Sciences (Karolinska Institute, Sweden)
- **Radiation Hygiene Expert** level 5b (Utrecht University, the Netherlands)

Awards

Swedish Research Council International Postdoctoral Fellowship

2019 – 2022 Three-year personal fellowship to do postdoctoral research abroad

SEK 3.150.000, equivalent to €290.000

Project title: The dietary composition of fatty acids – how does it affect feeding behavior?

Skills

Data Analytics

- **Data collection** (Web scraping in R)
- **Data organization** (R, SQL, Excel)
- **Visualization/communication** (Dashboards in R and Tableau, HTML)
- **Version control** (Git & Github)
- See my [Portfolio Page](#) for some examples

Communication

- Presented my research as a selected speaker at 6 international conferences

Teamwork

- Collaborated with people of over 15 different nationalities in interdisciplinary teams within and between different laboratories