



Jasper Wouters

SENIOR SCIENTIST IN COMPUTATIONAL BIOLOGY | BIOINFORMATICS EXPERT | SINGLE-CELL 'OMICS SPECIALIST | CANCER RESEARCH

ADVOCATE

Mechelen, Belgium

✉ jasper_wouters_contact@proton.me | 🌐 jasper-wouters.github.io/ | ☎ 0000-0002-7129-2990 | 📱 Jasper-Wouters
| 📺 jasperwouters

About

As a Senior Scientist specializing in Computational Biology, I have dedicated over a decade to unraveling the complexities of cancer heterogeneity and cell therapy. Armed with a PhD in Biomedical Sciences from KU Leuven and a mini-MBA in Entrepreneurship from Innotek, I thrive at the intersection of data and biology.

My expertise lies in leading and executing computational biology projects in drug and target discovery, particularly utilizing single-cell 'omics. I have successfully integrated several promising targets into research pipelines, managed multiple collaborations, led computational investigations, and implemented NGS technologies. My passion is to leverage my skills to advance cancer therapy and improve patient outcomes.

For a full description of my accomplishments and responsibilities, feel free to check out my website or LinkedIn profile.

A glimpse into my background:

- Bioinformatician with a decade of research experience in single-cell biology, combining wet lab and computational skills
- Spearheaded projects in Cell Therapy, focusing on data-driven, innovative approaches to complex biological questions
- Specialized in Oncology, driven by an enthusiasm for unraveling insights through single-cell and multi-omics technologies
- Problem-solver with a get-it-done mentality and a thirst for learning

Experience

Senior Research Scientist Computational Biology

ONE BIOSCIENCES

Paris, France

November 2025 - Present

Senior Scientist Computational Biology

GALAPAGOS

Mechelen, Belgium

April 2022 - March 2025

Senior Postdoctoral Scientist

LAB OF COMPUTATIONAL BIOLOGY @ VIB

Leuven, Belgium

Aug 2016 - March 2022

Marie Skłodowska-Curie Postdoctoral Scientist

1 YEAR @ UNIVERSITY COLLEGE DUBLIN – ONCOMARK LTD. & 1 YEAR @ DEPT. OF IMAGING & PATHOLOGY, KU LEUVEN

Dublin, Ireland & Leuven

Aug 2014 - July 2016

Postdoctoral Scientist

DEPT. OF IMAGING & PATHOLOGY, KU LEUVEN

Leuven

Jan 2013 - July 2014

PhD Biomedical Sciences, program Cancer

DEPT. OF CELLULAR AND MOLECULAR MEDICINE, KU LEUVEN

Leuven

Aug 2008 - Dec 2012

Education

PhD Biomedical Sciences

UNIVERSITY OF LEUVEN (KU LEUVEN)

Leuven, Belgium

Aug 2008 - Dec 2012

Mini-MBA - Entrepreneurship

INNOTEK

Geel, Belgium

Jan 2011 - Dec 2011

Laboratory Animal Sciences - International Cert. FELASA B

UNIVERSITY OF LEUVEN (KU LEUVEN)

Leuven

Sept 2008 - June 2009

Skills

Technologies

(SINGLE-CELL) TRANSCRIPTOMICS, SINGLE-CELL CRISPR SCREENS, (SINGLE-CELL) EPIGENOMICS

Computational

R AND RSTUDIO, UNIX, AWS CLOUD COMPUTING, (R) MARKDOWN, GIT VERSION CONTROL, HIGH PERFORMANCE COMPUTING

(HPC), VS CODE, DOCKER, NEXTFLOW PIPELINES (USE OF), PYTHON

Other

ONCOLOGY, SCIENCE COMMUNICATION, SCIENTIFIC WRITING, PRESENTATION SKILLS, MOLECULAR AND CELL BIOLOGY

Languages

Dutch	English	French
Native	90%	50%