

PROFILE – SÉBASTIEN WIECKOWSKI, Ph.D.



PhD-qualified onco-immunologist with 13 years of research experience with a focus on **tumor immunology and cancer vaccines**. Gained a valued experience in **biotech and pharma** leading numerous preclinical and immunomonitoring projects and developing innovative bioassays in a GMP environment. Stands out from other applicants by his **strong skills in data analysis and bioinformatics**, a **solid expertise in immunology-based assays, animal models, molecular and cellular biology, biochemistry and flow cytometry**, and a great ability to understand and take advantage of innovative technologies.

TRAINING/CERTIFICATES

- **Docker and Singularity for reproducible research.** SIB, 2021
- **Version Control with Git.** Swiss Institute of Bioinformatics (SIB), 2021
- **RNAseq data analysis (full semester).** PennVet, University of Pennsylvania, 2020
- **IBM Data Science.** IBM, 2019-2020
- **Mathematics for Machine Learning.** Imperial College London, 2019
- **Using Python for Research.** Harvard University, 2018
- **Introduction à la Statistique avec R.** Paris Sud, 2018
- **Data Scientist with Python Career Track.** DataCamp, 2017-2018
- **Shell Bash.** Université de la Réunion, 2018
- **Python3 to advanced concepts.** Université Côte d'Azur, 2018
- **Human histology.** Université de Médecine de Liège, 2017
- **Education and Training of Persons Conducting Animal Experiments** (LTK Module 2). University of Zurich, 2012
- **Animal Experimentation and Small Animal Surgery** (mouse and rat). Université Strasbourg I, 2007

IT



Word, Excel (VBA), PowerPoint, Access, OneNote

NumPy, Pandas, Matplotlib, SciPy, Statsmodels, ...

SQL, jupyter, ...

biopython, scikit-learn, ExPASy, IEDB, ...

LANGUAGES



EDUCATION

- 2007 **Ph.D. in Immunology**
Université de Strasbourg I, France
- 2003 **Master Degree in Health Biology** (DEA Biologie-Santé)
Université Montpellier II, France
- 2002 **M.Sc. in Biochemistry and Organic Chemistry**
Université Montpellier II, France
- 2001 **B.Sc. in Biochemistry and Bioinformatics** (*Summa Cum Laude*)
Université Montpellier II, France



RESEARCH EXPERIENCE

- 2021-pres **Director Preclinical Development**
Worg Pharmaceuticals, Switzerland
- 2019-2021 **Principal Scientist**
FHNW/F. Hoffmann – La Roche Ltd, Switzerland
- 2016-2018 **Senior Scientist**
Vaximm AG, Switzerland
- 2012-2015 **Roche Postdoctoral Fellowship Program/Scientist**
Roche Glycart/University Hospital Basel, Switzerland
- 2007-2011 **Postdoctoral Scientist**
Ludwig Institute for Cancer Research, Switzerland
- 2004-2007 **IT support**
IBMC/CNRS Strasbourg, France

WORG 百明信康



VAXIMM

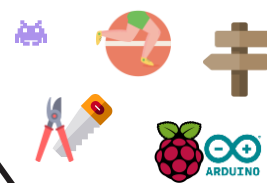


ACHIEVEMENTS

- **Publication of 24 scientific articles** in high-impact factor journals including *Nature Chemical Biology*, *Nature Nanotechnology*, *JCI*, *PNAS* and *Journal of Immunology* (5 articles as first-author)
- **Co-inventor on 2 international patents**
- **Regular oral communications and poster presentations** in international congresses including the AACR Annual Meeting, Keystone Symposia and CIMT Meetings
- **Course Assistant in Immunology** for university students (90 hours)
- **Successfully secured grant funding**, including grants from ANRS (France), Krebsliga, Wilhelm Sanders, and Roche (Switzerland)



HOBBIES



SOCIAL MEDIA



linkedin.com/in/sbwiecko



researchgate.net/profile/Sebastien-Wieckowski



<https://stackoverflow.com/users/sebastien-wieckowski>



github.com/sbwiecko

CONTACT

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