Maarten Slagter

Computational biologist,
data analyst, machine learning expert

Qualities

Motivated | Creative | Analytical
Curious | Team player | Clear communicator

Languages

Dutch
English
German
French
Spanish
Mandarin

Contact

📞 +31642426451

✉ hi@maartenslagter.nl

🎓 maartenslagter.nl/papers

GitHub github.com/slagtermaarten

Programming skills

R ●●●●●●●
Python ●●●●●○○
Zsh shell ●●●●●○
C++ ●●●●○○○
Java ●●●○○○○
Linux OS, git ●●●●●○

Expertise

+ Single cell & bulk RNASeq data analysis
+ Cancer immunity & neo-antigen prediction
+ Statistical modelling & machine learning
+ Reproducible research & pipelining
+ Spatial statistics & image analysis
+ Scientific writing & presenting

Education

2011-2013 — Amsterdam, NL
Universiteit van Amsterdam & Vrije Universiteit Amsterdam
MSc Systems Biology & Bioinformatics, *cum laude*

2008-2011 — Amsterdam, NL
Universiteit van Amsterdam
BSc Biomedical sciences
final internship with Huub Hoefsloot in bioinformatics

2007-2008 — Amsterdam, NL
Universiteit van Amsterdam
Beta brug project, preparation for a STEM BSc degree

2006-2007 — Los Angeles, CA, USA
California State University, Northridge
Jazz performance, main instrument: guitar
Listed on the Dean's list

2000-2006 — Amsterdam, NL
Barlaeus gymnasium
Economics profile with Biology, Music and Visual arts

Work experience

2015-2022 — Amsterdam, NL
Netherlands Cancer Institute
PhD student in the labs of Ton Schumacher and Lodewyk Wessels
Studying cancer immunity using computational techniques

2014-2015 — Amsterdam, NL
Netherlands Cancer Institute and Leiden University
PhD student in the labs of Joost Beltman and Ton Schumacher
Modelling T-cell killing of tumor cells

2011-2013 — Amsterdam, NL
Universiteit van Amsterdam
Teaching assistant in the BSc course 'Statistics for Biology'

2009-2011 — Amsterdam, NL
Universiteit van Amsterdam
Student member in the Education Committee Biomedical sciences

Selected publications

M. Slagter et al. "*Benchmarking the Foreign Antigen Space of Human Malignancies*".
Rochester, NY, Nov. 6, 2018. Preprint doi: 10.2139/ssrn.3279415.
URL: https://papers.ssrn.com/abstract=3279415 (visited on 07/22/2022)

M. Slagter* et al. "*Immune induction strategies in metastatic triple-negative breast cancer to enhance the sensitivity to PD-1 blockade: the TONIC trial*"
In: Nature Medicine 25.6 (2019). issn: 1546170X. doi: 10.1038/s41591-019-0432-4

Richard J Beck, Maarten Slagter, and Joost B Beltman. "*Tumor Biology and Immunology Contact-Dependent Killing by Cytotoxic T Lymphocytes Is Insufficient for EL4 Tumor Regression In Vivo.*" In: Cancer Research (2019). doi: 10.1158/0008-5472.CAN-18-3147.