

Jesko Wagner

PROFILE

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Dedicated MSc. of bioinformatics seeking a stimulating position in an excellent research environment. Interested in (single-cell) multiomics, machine-learning and cancer research. Team player with attention to detail and experience in extracting information from multiomics data using R, Python, and machine-learning. Excellent R and advanced Python skills.

EXPERIENCE

- Mar. 2021 – Internship at **EMBL Heidelberg**, unit of genome biology. Researching effects of structural variants on epigenome of single cells (R/Python/snakemake). Grade: 9.1 (A+)
Aug. 2021 Supervised by Prof. Jan Korbel.
- Dec. 2020 – Literature internship at **VIB-KU Leuven**, in lab of computational biology. Literature review of TF motif discovery and enrichment, particularly in single-cell applications.
Feb. 2021 Grade: 8.5 (A+)
Supervised by Dr. Stein Aerts.
- Dec. 2019 – Internship at **University Medical Center Utrecht**, Center for Molecular Medicine.
Nov. 2020 Research on identification of CDK12 deficient patients based on classification of structural variations using machine-learning (R/Python/snakemake). Grade: 8.6 (A+)
Supervised by Dr. Jeroen de Ridder.
- Feb. 2019 – Internship at **SciLifeLab**, Stockholm, in lab for Quantitative Cancer Science and Technology Development. Focus on bioinformatic analysis of double strand breaks (R).
Sep. 2019 Supervised by Dr. Nicola Crosetto.
- Sep. 2018 – Internship at **Maastricht University Medical Center**, department of Clinical Genetics.
Jan. 2019 Implementation of the scNMT-seq pipeline (scNMT-seq, R/bash).
Supervised by Dr. Kasper Derks.
- Feb. 2018 – Bachelor thesis research at **German Cancer Research Center**, Heidelberg, on effects of RRAS2 mutations on human cancer development.
Jun. 2018 Supervised by Prof. Claudia Scholl.

EDUCATION

- Sep. 2019 – Master of Science *cum laude*, Molecular and Cellular Life Sciences with bioinformatics profile, Utrecht University (GPA: 8.8, A+). Participant of selective **honors programme**.
Aug. 2021
- Sep. 2015 – Bachelor of Science *cum laude*, Maastricht Science Programme, Maastricht University
Sep. 2018 (GPA: 8.2, A).

EXTRACURRICULARS

- Sep. 2016 – President of an academic study association. Responsible for planning academic trips,
Sep. 2017 managing finances, and organizing social events.

REFERENCES

- Jan Korbel PI and Professor at EMBL Heidelberg; jan.korbel@embl.de
- Jeroen de Ridder PI at University Medical Center Utrecht; j.deridder-4@umcutrecht.nl
- Nicola Crosetto PI at SciLifeLab/Karolinska Institutet; nicola.crosetto@scilifelab.se