

MARTIN KURIC

Cell Biologist | Data Scientist



WHO AM I?

As a cancer cell biologist with a strong passion for data analysis and machine learning, I am seeking a position where I can utilize my creativity to automate tasks, solve complex problems or handle big data.

Microscopy	100%	Python	100%
Cancer Biology	90%	Image Analysis	90%
Stem Cells	80%	Statistics	80%
RNA Biochemistry	75%	ML/AI	70%

SELECTED PROJECTS

2024	Python Software "ImageP" Accelerates batch processing of images of different sizes and types by >100%. numpy / skimage / scipy	GitHub Repository
2020-2024	Python Software "plotastic" Published a statistical library that self-configures based on intuitive plotting parameters. pandas / matplotlib / pinguin / seaborn	Journal of Open Source Software GitHub-Repository
2018-2024	Cancer Research Project Worked in a team with up to three technical assistants and published a list of genes with relevance for survival of myeloma patients. Time-Lapse Microscopy / RNAseq / Analysis of Patient Survival	Journal: Cancer Research Communications
26.05.2022	Deep-Learning Assisted Image Cytometry Measurement of per-cell parameters from large automated microscopy scans. Convolutional Neural Networks / Image Segmentation	Poster at "Achilles Conference"

EDUCATION

28.01.2019 – 2024	Dr. rer. nat. in Biomedicine Research focus: Dissemination of multiple myeloma & mesenchymal stromal cell interactions	Prof. Dr. Regina Ebert University of Würzburg
01.04.17 – 26.05.24 parallel to M.Sc. & PhD	Elite Biological Physics Interdisciplinary & international study program for exceptional students of physics or biology.	University of Bayreuth
01.10.15 – 15.08.18	M.Sc. in Biochemistry & Molecular Biology Research focus: RNA biochemistry, small RNAseq, stem cells & piRNAs in <i>S. mediterranea</i>	Prof. Dr. Claus-D. Kuhn University of Bayreuth
01.10.12 – 14.12.15	B.Sc. in Biochemistry Research focus: Cell biology, mitochondrial inheritance in <i>S. cerevisiae</i>	Prof. Dr. Benedikt Westermann University of Bayreuth

LANGUAGES

German, English - C2
Slovakian - passive
French, Spanish - A2

SOFT SKILLS

Quality Management
Project Management
Violent Free Communication

HOBBIES

Coding - Python
Music - Piano & Guitar
Gym - Lift. Grow. Repeat

Würzburg

Location

15.06.2024

Date

Signature