

Curriculum Vitae

Personal information **Rafaella Buzatu**

Work experience

- PhD Candidate at Leiden University/ Assessor at CBG-MEB (September 2023 - present, Netherlands)
 - working on developing a bioinformatics risk assessment pipeline of ATMPs
 - providing non-clinical advice as part of my work at the CBG-MEB
- Internship at the Translational Neuroscience group at UMC Utrecht (Dec 2022- Aug 2023, Netherlands)
 - used AI techniques to investigate gene regulatory elements in ATAC-seq data
- Internship at Imuno Therapeutics in Leiden (Feb 2022- Nov 2022)
 - developed deep learning models to improve the p-MHC I modelling pipeline
- Internship at the Center for Molecular and Biomolecular Informatics of the Radboud Institute for Molecular Life Sciences (Nov 2020 - Jan 2021, Netherlands)
 - worked on identification of peptide anchors in the p-MHC I modelling pipeline: PANDORA

Education and training

- MSc Bioinformatics and Biocomplexity at Utrecht University (Sept 2021 - Aug 2023, Netherlands):
bioinformatics techniques, genomics, machine learning
- BSc Molecular Life Sciences at Radboud University (Sept 2018 - July 2021, Netherlands): basic laboratory work and theoretical knowledge of molecular biology and oncology

Additional information

Publications

Marzella DF, Parizi FM, van Tilborg D, Renaud N, Sybrandi D, Buzatu R, Rademaker DT, 't Hoen PAC, Xue LC. PANDORA: A Fast, Anchor-Restrained Modelling Protocol for Peptide: MHC Complexes. Front Immunol. 2022 May 10;13:878762. doi: 10.3389/fimmu.2022.878762. PMID: 35619705; PMCID: PMC9127323.

Projects

Memberships

Other Relevant Information