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Projects

Current Projects

Individual-based Modelling of Infection Spread and Immune Response Dynamics

[Details](#)

N.N.3

[Details](#)

Machine Learning Supported Multi-Model Simulator for Infection Research (MuMoSim)

[Details](#)

Former Projects

Automated analysis of dynamic properties in biological systems from image data

[Details](#)

Functional characterization of the soluble complement receptor type II (CR2/CD21) in infection

[Details](#)

Automated image analysis of the interaction between *Lichtheimia* spp. and murine alveolar macrophages

[Details](#)

Virtual infection model for *Aspergillus fumigatus* in human alveoli

[Details](#)

Population-based modeling of infection processes

[Details](#)

From single-cell to whole-organ monitoring: Morphokinetic characterisation of infection via quantitative image analysis

[Details](#)