



KU LEUVEN

FILIP BIELEJEC

CONTINUOUS-TIME MARKOV CHAIN MODELS FOR PATHOGEN PHYLODYNAMICS

March 2015

- Laboratory for Computational and Evolutionary Virology
- Department of Microbiology and Immunology
- Rega Institute for Medical Research
- Faculty of Medicine
- Group of Biomedical Sciences

Doctoral Thesis in Biomedical Sciences

# CONTINUOUS-TIME MARKOV CHAIN MODELS FOR PATHOGEN PHYLODYNAMICS: MODEL EXTENSION, SIMULATION AND VISUALISATION

FILIP BIELEJEC

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- KU Leuven – University of Leuven
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