



Curriculum Vitae

Personal information **Ilse Boekhoud**

Work experience

April 2023 - Present

Clinical assessor
CBG-MEB (Netherlands)

November 2020 - March 2023

Scientific staff
The Netherlands Commission on Genetic Modification (COGEM) (Netherlands)
Provided independent scientific advice to the government on the risks to human health and the environment of the production and use of GMOs (contained use, deliberate release, environmental risk assessments for centralised market authorisations).

May 2016 - May 2021

PhD student
Leids Universitair Medisch Centrum (Netherlands)
PhD research at the department of Medical Microbiology, section Bacteriology at the LUMC. Thesis title: Combatting *Clostridioides difficile*: stress, adaptation and antimicrobial resistance

Education and training

November 2013 - February 2016

MSc Biomedical Sciences
Leiden University (Netherlands)
Followed Infection and Immunity track major (viruses, bacteria, pathogen-host interactions)

September 2010 - October 2013

BSc Biomedical Sciences
Leiden University (Netherlands)

Additional information

Publications

Van Eijk E*, Boekhoud IM*, Kuijper EJ, Bos-Sanders IMJG, Wright G, Smits WK. Genome location dictates the transcriptional response to PoIC inhibition in *Clostridioides difficile*. *Antimicrobial Agents and Chemotherapy*. 2019. 63:e01363-18

* both authors contributed equally

Boekhoud IM, Hornung BVH, Sevilla E, Harmanus C, Bos-Sanders IMJG, Terveer EM, Bolea R, Cover J, Kuijper EJ, Smits WK. Plasmid-mediated metronidazole resistance in *Clostridioides difficile*. *Nature Communications*. 2020. 11:598

Boekhoud IM, Michel AM, Corver J, Jahn D, Smits WK. Redefining the *Clostridioides difficile* σ B Regulon: σ B activates genes involved in detoxifying radicals that can result from the exposure to antimicrobials and hydrogen peroxide. 2020. *mSphere* 5. doi: 10.1128/mSphere.00728-20

Boekhoud IM, Sidorov I, Nooij S, Harmanus C, Bos-Sanders IMJG, Viprey V, Spittal B, Clark E, Davies K, Freeman J, Kuijper EJ, Smits WK. Heme is crucial for medium-dependent metronidazole resistance in clinical isolates of *C. difficile*. *Journal of Antimicrobial Chemotherapy*. 2021. 18:1731-1740

Projects

Memberships

2021 KNVM/NVMM Kiem award category 'Medical Microbiology'

Koninklijke Nederlandse Vereniging voor Microbiologie/Nederlandse Vereniging voor Medische Microbiologie (Netherlands)

Other Relevant Information