

EDUARD J KERKHOVEN

Address: Chalmers University of Technology
Dept. of Biology and Biological Engineering
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Date of birth: 20 February 1985

Education / degrees

2020 Docent in Computational Metabolic Engineering – Chalmers University of Technology, Gothenburg, Sweden
2013 PhD in Infection & Immunity – University of Glasgow, UK
Thesis: Extending a dynamic mathematical model of metabolism in *Trypanosoma brucei*
2008 MSc in Biomolecular Sciences – Systems Biology – VU University Amsterdam, the Netherlands
2006 BSc in Biomedical Sciences – VU University Amsterdam, the Netherlands

Positions

2021– Senior Researcher – Division of Systems and Synthetic Biology, Department of Biology & Biological Engineering, Chalmers University of Technology, Gothenburg, Sweden
2017–2021 Researcher – Chalmers University of Technology, Gothenburg, Sweden
2013–2016 Postdoctoral researcher – Chalmers University of Technology, Gothenburg, Sweden
2008–2012 Postgraduate researcher – College of Medical, Veterinary and Life Sciences, University of Glasgow, UK
2007–2008 Research assistant – Department of Biochemistry & Molecular Biology, University of Melbourne, Australia

Publications

25 original peer-reviewed publications; 8 review articles; 4 book chapters; 4 preprints
h-index: 17 (Web of Science) / 20 (Google Scholar); citations: 845 (Web of Science) / 1336 (Google Scholar)
ORCID: 0000-0002-3593-5792 / ResearcherID: P-2469-2019

Teaching

2019– KMG060 Systems Biology, MSc course, Chalmers, 7.5 ECTS – Lecturer
2015– KKR063 Metabolic Engineering, MSc course, Chalmers, 7.5 ECTS – Lecturer and examiner
2015– FKBT040 Metabolic Engineering & Systems Biology (MESB), International biannual summer school for PhD students, postdocs and industrial researchers, Chalmers, 5 ECTS – Lecturer, organizer and examiner

Advisor / supervision

Supervision since 2016: 3 PhD students (currently 3); 4 postdocs (currently 2); 8 undergraduate students (currently 1)
Co-supervision of >20 visiting PhD students and visiting postdocs

Funding

2020 – 2024 Vetenskapsrådet, № 2019-04624. 3.2M SEK
2019 – 2022 FORMAS, № 2018-00597. 3M SEK
2019 – 2022 European Commission (Horizon 2020 project SynBio4Flav), № 814650. 7.4M EUR (consortium grant, 12.5M SEK to Chalmers)
2018 Chalmers' Area of Advance Energy. 500k SEK
2016 – 2018 Åforsk Foundation, № 16-655 890k SEK
2016 – 2018 Västra Götalandsregionen (EraSysAPP project SYSTERACT), № RUN 150520. 3M SEK