

CURRICULUM VITAE - Karin Rengefors

Contact details			
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Education and Academic Degrees		
Date	Place of Education	Qualifications
2008	Lund University, Sweden	Full Professor
2005	Lund University, Sweden	Docent title (similar to Reader, Habilitation)
1998	Uppsala University, Sweden	Ph D in Limnology. Thesis title: The Role of Resting Cysts in the Survival and Succession of Freshwater Dinoflagellates.

Employment History		
Time	Employer	Position
Jan 2024- Dec 2008-	Lund University Lund University	Deputy Dean, Faculty of Science Professor of Limnology 2013-2017, 20% Director of Studies of PhD Studies in Biology. 2008- 2013, 25% Director of the Research school in genomic ecology (GENECO)
Mar 2005- Nov 2008	Lund University	Associate Professor of Limnology 20% undergraduate teaching
Mar 2001- Feb 2005	Lund University	Assistant Professor
Feb 1999- Feb 2001	Woods Hole Oceanographic Institution	Postdoctoral Fellow, STINT Research Council

PhD & Postdoctoral student supervisions		
Current PhD students:	Sandra Rabow, Qinyang Li (co-advisor), Isabel Hendriks (co-advisor)	
Past PhD students:	Rosa Figueroa, Susanne Gustafsson, Ramiro Logares, Karen Lebret, Ingrid Sassenhagen, Josefina Sefbom (co-advisor), Raphael Gollnisch, Björn Andersson, Emma Johansson	
Past Postdoctoral fellows:	Rosa Figueroa, Sylvie Tesson, Karolina Härnström, Natalia Annenkova, Markus Lindh (co-supervisor), Hannah Blossom, Angels Tudo	

Grants and fellowships (past 10 years)			
Year	Funding Agency	Project	Sum (SEK)
2024-	The Swedish Research Council	Genome rearrangement drives major phenotypic shifts in toxin-producing cyanobacteria	3 800 000
2027	Formas Research Council	Drivers of toxic cyanobacteria – solutions for drinking water management	3 000 000
2026	Faculty of Science, LU	Infrastructure: Large-cell particle sorter	6 313 000
2020	Formas Research Council	Blooms like it hot – or not?	3 000 000
2019-	The Swedish Research Council	The Dispersal-Differentiation Paradox	3 200 000
2021	Crafoord Foundation	Single-cell population genomic analyses of invasive microalgae	300 000
2017	Formas Research Council (co-PI)	Live to tell: have phytoplankton evolved in response to pollution during the past century?	3 000 000
2016- 2018	Formas Research Council	A natural phenomenon turned nasty – where, when and why will cyanobacterial blooms be toxic	3 000 000

2015-2018	European Commission	SINGEK: Promoting SINGle cell GEnomics to explore the ecology and evolution of hidden microeukaryotes (co-PI)	Euro: 3 899 387
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Awards and Distinctions

2023 Elected ASLO (Association for the Sciences of Limnology & Oceanography) Fellow
2020&2021 Doctoral Conferrer (Promotor) of the Faculty of Science, Lund University
2015 Marine Biological Laboratory Whitman Summer Investigator Grant Award, Woods Hole, USA
2012 Lund University Pedagogical Prize for the Graduate School of Genomic Ecology GENECO

Professional Services/Appointments of Trust

International

2019. Evaluation panel member of Germany's "Universities of Excellence" program.
2019 Guest-editor special volume on Phytoplankton Genetics & Genomes in *Genes*.

National (Sweden)

2021-2023, Chair Educational Advisory Group for the PhD-school within ACCESS Sweden-Chile
2013-2015, 2016-2018. Board member of the Formas Research Council's Scientific Council.
2013, 2014. Panel member of the Swedish Research Council VR.

Lund University

2024-2027, Deputy Dean of Faculty of Science (elected)
2021-2023, Member of Faculty of Science Academic Appointments Board, chair from 2023-2027
2013 -2021, Member of Head of Department's Advisory Board
2019 -2021, Board member of Dept. of Biology
2011-2013 Chair, Nomination Committee of the Faculty Board of the Faculty of Science, Lund
2009 - 2017 Committee of Doctoral Education at the Department of Biology
2009 - 2014 Board of Doctoral Education at the Faculty of Science
2004 - 2008 Committee on Gender Equality at the Faculty of Science, Lund University.
2004 - Member of 24 PhD thesis examination committees in Sweden
2009 - Faculty opponent of PhD theses examination committees in Denmark, Finland, Netherlands, France

Scientific Society Membership

2011 – Elected Member of the Royal Physiographic Society, Lund, Sweden
ASLO International Society of Limnology, ISSHA Int. Society for the Study of Harmful Algae

Scientific society services (international)

Scientific Committee member of SIL2022 conference (International Society of Limnology), Berlin, August 2022.
Scientific Organization Committee of EMBO/EMBL Symposium: **A New Age of Discovery for Aquatic Microeukaryotes**, 26 – 29 January 2016, EMBL Heidelberg, Germany
Scientific Committee of ASLO 2016, June 5-10, Santa Fe, USA
Member of organization committee of the 12th Internat. Conference on Harmful Algae in Copenhagen 2006.
2009-2014. Secretary of International Society for the Study of Harmful Algae (ISSHA). See www.issa.org

International workshops

2012-2017 Co-director of Workshop on Genomics (evomics.org). International 2-week workshop on various topics in high throughput sequencing technology and bioinformatics Cesky Krumlov, Czech Republic

Invited speaker (past 10 years)

European Phycological Congress, **Plenary Speaker** (2023), Dialog with diatoms symposium, Sweden, **invited** (2019), University of Maryland (2017), Ghent University (2017), Linné University (2016), University of Exeter (2016), EMBO/EMBL Heidelberg, Germany, **invited** (2016), European Phycological Congress, London, **keynote** (2015), Bigelow Laboratory, USA (2015), Marine Biological Laboratory, Woods Hole (2015)