

Curriculum Vitae

Curriculum Vitae for Niels Peter Revsbech

Born		13 th January, 1953
Private Address		Thorshavnsgade 3, DK-8200 Aarhus N, Denmark, +45 23382187
Appointment Place of Work		Professor Department Bioscience, University of Aarhus, Ny Munkegade 114-116, DK-8000 Aarhus C, Denmark Tel: +45-23382187, mail: Revsbech@bios.au.dk
Education	1979	M. Sc. (Microbiology). University of Aarhus.
	1981	Ph.D. (Microbiology). University of Aarhus
	1988	Dr. Sc. (Thesis: "Microsensor Analysis of Stratified Microbial Communities." University of Aarhus
Appointments	1979 - 1981	Ph.D. stipend, Department of Microbial Ecology, University of Aarhus.
	1981 - 1982	Postdoctoral fellow at Department of Microbiology, Montana State University (13 months)
	1982	Visiting assistant professor at Center for Microbial Ecology, Michigan (3 months)
	1982 - 1984	Postdoctoral fellow at Department of Microbial Ecology, University of Aarhus
	1984 - 1988	Assistant Professor, Department of Microbial Ecology, University of Aarhus.
	1988 - 1997	Associate Professor, Dept. of Microbial Ecology, University of Aarhus.
	1988 - 2012	Vice department head for most of the period
	1997 -	Professor, Department of Microbial Ecology, University of Aarhus.
	2002 - 2004	Head of Institute, Institute of Biological Sciences, University of Aarhus
	2017-	Head of Aarhus University Centre for Water Technology
Awards	1991	The Holst-Knudsen science award (University of Aarhus)
	1995	The Körber Award for European Science (City Hall of Hamburg)
	1998	Dades award for environmental protection (Copenhagen)
	2000	The award for most interesting Danish patent (Danish Patent Agency)
	2013	The Grundfos Award
	2013	Jens Chr. Skou fellow at AIAS
	2018	Fellow at the Geochemical Society
Administration	1988 -	Head of "Institute of Biological Sciences" with 120 employees 1/1 2002-31/1 2004, several periods as vice-head. Member and/or chairman of many committees and councils. From 2017 Head of Aarhus University Centre for Water Technology
Supervision	1984 -	Main supervisor for 21 Ph.D. students and many Master's students.
Scientific papers and patents		>180 articles in international peer-reviewed journals and books, ultimo 2019 cited >16.000 times, H-index of 74 found in ISI Web of Science (188 papers referenced here). 5 patents .
Business relations		Co-founder of Unisense A/S 1997. Collaboration with several other companies (Danfoss, Alfa-Laval, etc.)

Competences and research interests

Study of microbial metabolism and interactions in stratified microbial ecosystems such as biofilms, sediments and water columns. Microbial photosynthesis. Nitrogen transformations in natural environments and wastewater. Development of new tools for elucidation of microbial metabolism and ecology. Development of biosensors based on immobilized bacteria.

International collaboration

Many research visits and collaborators around the globe as documented with the publication list. Several 2-4 week research cruises on Pacific ocean with collaborators from several countries. Invited speaker at many international symposia.

Funding

Research supported by Danish and international agencies such as: The Danish Natural Science Research Council, The Danish Agency for Science, Technology and Innovation, The European Research Council, The European Commission, The Gordon and Betty Moore Foundation, The Agouron Institute, and the Poul Due Jensen Foundation. Received a 22 Mkr grant from the Poul Due Jensen Foundation to support work in sensor laboratory in the period 2018-2026.

Teaching

Courses in microbiology and microbial ecology at elementary and advanced levels, Ph.D. courses including a 9-day course in sensor technology taking place every second year. Introduced a 12-day course in water technology in 2019, having 45 participants from 13 countries.