

## CURRICULUM VITAE:

- Surname : Hellingwerf  
First names : Klaas Jan  
Date of birth : 14th May 1950  
Place of birth : Wijnjeterp, the Netherlands  
Address : Tulpstraat 11<sup>B</sup>, NL-1018 GZ Amsterdam  
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(e-mail) : [K.Hellingwerf@science.uva.nl](mailto:K.Hellingwerf@science.uva.nl)
- January 1975 : MSc in Chemistry at the University of Groningen  
Main subject: Biochemistry  
Subsidiary subject: Microbiology
- 1-2-75 to 1-11-78 : Scientific Officer (promovendus) at the University of Amsterdam. Research on the properties of Bacteriorhodopsin from the purple membranes of *Halobacterium halobium*. Title of thesis: "Structural and functional studies on lipid vesicles containing Bacteriorhodopsin".
- 1-11-78 to 1-1-87 : Scientific Officer (WMI, UD) in the Department of Microbiology of the University of Groningen, the Netherlands (research and teaching of Molecular Microbiology).
- 1-1-82 to 1-8-82 : Visiting scientist at the Departments of Physics and Biology of the University of California at San Diego (USA). Project: "Proton pumping by reconstituted reaction centers from *Rhodopseudomonas sphaeroides*" (supervisors: Prof. dr. G. Feher and Prof. dr. M. Montal).
- 1-11-85 to 1-12-85 : Visiting scientist at the Institute for Zoology of the Chinese Academy of Sciences, Beijing, China
- 1-1-87 to 1-1-88 : Scientific Officer (UHD) in the Department of Microbiology of the University of Groningen (see above).

- 1-1-88 to present : Professor in General Microbiology at the University of Amsterdam.  
**Research interests:** Signal-transduction mechanisms and bioenergetics of pro- and eukaryotic microorganisms.
- 1-10-89 to 1-10-91 : Chairman, Department of Microbiology of the University of Amsterdam.
- 1-1-93 to present : Member of the E.C. Slater Institute (and subsequently the Swammerdam Institute for Life Sciences) and of "BioCentrum Amsterdam" (Research School for Molecular Cell Biology).
- 1-1-95 to 1-5-98 : Chairman of the teaching-section on Biomolecular chemistry of the Faculty of Chemistry of the University of Amsterdam.
- 1-11-94 to present : Visiting professor at the University of Buenos Aires (bi-annual visits for lecturing in microbial physiology).
- 1-09-02 to 1-11-02 : Visiting professor at the Ecole Normale Superior, Paris, France
- 1-05-99 to present : Member of the board of the Life & Earth Sciences Research Council of the Netherlands Organization for basic Research (ALW/NWO)
- 1-01-02 to present : Chairman of the Department of Chemistry, University of Amsterdam
- 1-09-99 to 1-09-04 : Coordinator of the International Master Programme on "Bio-molecular Sciences" and the Master Programme on "Molecular Cell Biology and Bioinformatics" at the University of Amsterdam
- 1-05-01 to 1-05-04 : Member of the Board of the Dutch Society for Biochemistry and Molecular Biology

- 1-11-04 to present : Director of the Research School BioCentrum Amsterdam
- 1-05-04 to present : Honorary professor in "Physics of photoreceptor proteins", Department of Biophysics, FEW, Free University, Amsterdam.
- Scientific adviser of
- # Consortium f. elektrochemische Industrie (Munic, FRG); subject: photoactive proteins.
  - # Nutricia Research BV (Zoetermeer, Netherlands); subject: General microbiology.
  - # Genecore, Delft; subject: industrial enzymes
  - # Heineken Technical Services: photochemistry
  - # RIKILT-DLO, external PhD supervisor for project on G-protein coupled receptors
  - # BABiotech, Buenos Aires: subject: (bio)catalysis

Member of the Scientific Advisory Board of the Delft-Leiden Research School on Biotechnology (1996 – 2004)

Member of the International Steering Committee of the International conference on Photosynthetic Prokaryotes (1994 – 2003)

Member of the Organizing Committee of the VIth International Conference on Retinal Proteins (1994)

Member of the Organizing Committee of the International Conference *Acinetobacter* 2000, Noordwijkerhout, 200 participants

Member of the Organizing Committee of four Euro Conferences on Intercellular and Intracellular Signalling in Bacteria (held in Paris, 1999; Cork, 2000; Obernai, 2002; and Barcelona, 2004; co-chair of the Barcelona meeting. These meetings had ~200 participants each)

Chairman of the organizing committee of the bi-annual meeting of the Section on Molecular and Cellular Biophysics of the Dutch National Society for Biophysics, Lunteren, 1998, 140 participants; member of the committee for 'Lunteren-2000'.

Organiser of the KNAW Colloquium on "Photoreceptor proteins: Structure, photochemistry & dynamics", Amsterdam, November 2000.

Chairman of the NVVM-committee for the nomination of the "Kluyverprijs 1996" and the KNCV-committee for the nomination of the 1999 annual 'Gold-Medal'

Co-chairman of the IVth Gordon Research conference on Photosensory Receptors & Signal Transduction, May 2006, Il Ciocco, Italy

Co-organiser of the KNAW Colloquium on "Dynamical events in biophysics and biochemistry: New approaches", Amsterdam, November 2005.

*Functions in the Dutch Science Research Council (NWO):*

- *Member of an evaluation panel of the Dutch Science Research Council for the Earth and Life Sciences (section on "Biomolecular Structure and Processes", 1995-1998).*
- *Chairman of the Section on Transport and Membranes of the "Gebied ALW" and the "Society for Biophysics" (1995-2001).*
- *Chairman of the "Werkgemeenschap Lipiden en Biomembranen" of the "Gebied CW" (1997-2000).*
- *Coordinator of the SLW research-program on the "Phospho-neural network of Escherichia coli" (1 pd, 3 OIO's).*
- *Member of the "Verkenningcommissie: Fysica van Leven" (founded by FOM/SLW).*
- *Member of the "National Discussion Panel on Nanotechnology" (founded by the NVI).*
- *Member of the advisory committee to the board of Chemical Sciences of NWO on 'Biological Chemistry' (2002-2005)*

Author of more than 300 research papers in a wide range of international microbiological, biochemical and biophysical peer-reviewed scientific journals; these papers have been cited approximately 3250 times in peer-reviewed research papers as of May 2004.

Memberships (a.o.)

: American Society for Microbiology  
Biophysical Society  
Royal Dutch Chemical Society (includes Biochemistry)  
Dutch Society for Microbiology  
Dutch Biophysical Society