

Curriculum vitae, January 2014

Biographical data

Name: Bengt Örjan Hansson
Birthdate and -place: February 25, 1955, Gothenburg, Sweden
Family situation: Four children (born 1983, 1985, 1988 and 1990)
Home address: Amiralitetsgatan 24Q, SE-414 62 Gothenburg, Tel 0706-68 60 03
Home page: <http://www.bcbp.gu.se/~orjan/>

Undergraduate degree

Master of Science in Engineering Physics, Chalmers University of Technology, Göteborg, 1983.

Doctoral degree

Year: 1986
Subject: Physics, Chalmers University of Technology, Göteborg.
Title: "The role of manganese in the photosynthetic production of oxygen from water."
Supervisor: Professor Tore Vänngård

Postdoc

NFR Post-Doctoral Fellowship with Dr Paul Mathis at Service Biophysique, CEA Saclay, France, October 1, 1986 to December 31, 1987.

Docent

Reader (oavlönad docent) in Biophysics, University of Gothenburg, 1991-05-28.

Present academic position

Senior Lecturer (universitetslektor), Department of Chemistry and Molecular Biology, University of Gothenburg, 1998-01-01 –

Previous academic positions

Teaching assistant (amanuens) (50%), 1980-10-01 – 1983-06-30.

Assistant Researcher (forskningsassistent) (80%), 1983-07-01 – 1986-09-30.

Assistant Professor (forskarassistent), 1988-11-01 – 1992-10-31.

Senior Lecturer (universitetslektor), 1992-11-01 – 1997-12-31.

All these positions were at the Department of Biochemistry and Biophysics, University of Gothenburg and Chalmers University of Technology.

Principal supervisor of doctoral students

Kalle Sigfridsson, 1991-1997 (Dissertation, January 31, 1997)

Simon Young, 1991-1997 (Dissertation, April 18, 1997)

Mikael Ejdebäck, 1993-1999 (Dissertation, May 21, 1999)

Kenneth Olesen, 1996-2002 (Dissertation, May 8, 2002)

Mats Ökvist, 1998-2004 (Dissertation, May 28, 2004).

Hanna Jansson, 1999-2007 (Dissertation, October 26, 2007).

Daniel Farkas, 2005-2011 (Dissertation, May 31, 2011).

Research projects

Electron-transfer reactions in photosynthesis, in particular regulation of plastocyanin.

EPR studies of artificial photosynthesis (with Björn Åkermark, Stockholm)

EPR and NMR studies of Cu binding to angiogenin (with Diego La Mendola, Pisa)

Top five publications

Farkas, D., Hansson, Ö. (2011) An NMR study elucidating the binding of Mg(II) and Mn(II) to spinach plastocyanin. Regulation of the binding of plastocyanin to subunit PsaF of photosystem I. *Biochim. Biophys. Acta Bioenerg.* 1807, 1539-1548. IF (2012) 4,624.

Kärkäs, M.D., Johnston, E.V., Karlsson, E.A., Lee, B.-L., Åkermark, T., Shariatgorji, M., Ilag, L., Hansson, Ö., Bäckvall, J-E., Åkermark, B. (2011) Light-Induced Water Oxidation by a Ru complex Containing a Bio-Inspired Ligand. *Chem. Eur. J.* 17, 7953–7959. IF (2012) 5,831.

Karlsson, E.A., Lee, B.-L., Åkermark, T., Johnston, E.V., Kärkäs, M.D., Sun, J., Hansson, Ö., Bäckvall, J-E., Åkermark, B. (2011) Photosensitized Water Oxidation by Use of a Bioinspired Manganese Catalyst. *Angew. Chem. Int. Ed.* 50, 11715-11718. IF (2012) 13,734.

La Mendola, D., Magri, A., Campagna, T., Campitiello, M.A., Raiola, L., Isernia, C., Hansson, Ö., Bonomo, R.P., Rizzarelli, E. (2010) A Doppel alfa-helix peptide fragment mimics the copper(II) interactions with the whole protein. *Chem. Eur. J.* 16, 6212-6223. IF (2012) 5,831.

Jansson, H. and Hansson, Ö. (2008) Competitive inhibition of electron donation to photosystem 1 by metal-substituted plastocyanin. *Biochim. Biophys. Acta Bioenerg.* 1777, 1116-1121. IF (2012) 4,624.

Other information

The Hugo Theorell Award in Biophysics 1994.

Award “För nit och redlighet i rikets tjänst (NOR)” 2012.

Metrics from Web of Science (see <http://researcherid.com/rid/D-1282-2009>): Number of papers, 78; citations, 2475; h-index, 27.

Home page (with full CV and publication list): <http://www.bcbp.gu.se/~orjan/>