

Transient interactions between photosynthetic proteins Hulsker, R.

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List of publications

Hulsker R., Baranova M.V., Bullerjahn G.S., Ubbink M. Dynamics in the transient complex of plastocyanin-cytochrome *f* from *Prochlorothrix hollandica*. *J. Am. Chem. Soc.* **130**, 1985-1991 (2008).

Hulsker R., Mery A., Thomassen E.A., Ranieri A., Sola M., Verbeet M.P., Kohzuma T., Ubbink M. Protonation of a histidine copper ligand in fern plastocyanin. *J. Am. Chem. Soc.* **129**, 4423-4429 (2007).

Hirota S., Fujimoto Y., Choi J., Baden N., Katagiri N., Akiyama M., **Hulsker R**., Ubbink M., Okajima T., Takabe T., Funasaki N., Watanabe Y., Terazima M.. Conformational changes during apoplastocyanin folding observed by photocleavable modification and transient grating. *J. Am. Chem. Soc.* **128**, 7551-7558 (2006).

Jansen L.E.T., Belo A.I., **Hulsker R.**, Brouwer J. Transcription elongation factor Spt4 mediates loss of phosphorylated RNA polymerase II transcription in response to DNA damage. *Nucleic Acids Res.* **30**, 3532-3539 (2002).

The structure and dynamics in the complex of *Nostoc* sp. PCC 7119 cytochrome f-cytochrome c_6 (manuscript in preparation).

Curriculum vitae

Rinske Hulsker was born on the 30th of December in Leidschendam. She grew up in Zoetermeer where she received her 'VWO diploma" from the Erasmus College in 1997. That same year she joined the University of Leiden to study Chemistry. She conducted her nine month research project on proteins involved in Transcription Coupled Repair in *S. cerevisiae* under the supervision of Dr. L.E.T. Jansen and Prof. J. Brouwer. In 2001, she left for Switzerland to investigate the chromatin structure of mini chromosomes in *S. cerevisiae* under the supervision of Prof. F. Thoma at the ETH in Zürich. Following this, she earned her Master's degree in Chemistry in 2002 and was awarded the Franchimont prize in 2003.

In 2003, she started as a PhD student in the Metalloproteins (now Protein Chemistry) group at the University of Leiden under the supervision of Dr. M. Ubbink and Prof. G.W. Canters. The research focused mainly on the dynamics of transient protein complexes, which was investigated by NMR spectroscopy. She carried out this work in collaboration with several groups, including that of Prof. T. Kohzuma at Ibaraki University, Mito, Japan, that of Prof. G.S. Bullerjahn at the Bowling Green State University, Ohio and the Structural and Functional Proteomics group at the University of Seville, Spain.

As of March 2008 Rinske is employed as Junior Scientist at ProteoNic BV in Leiden.

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