

7 PUBLIKATIONEN

Lamparter, T.; Esteban, B.; Hughes, J. (2001). Phytochrome Cph1 from the cyanobacterium *Synechocystis* PCC6803. Purification, assembly and quaternary structure. *Eur. J. Biochem.* 268, 4720-4730

Heyne, K.; Herbst, J.; Stehlik, D.; Esteban, B.; Lamparter, T.; Hughes, J.; Diller, R. (2002). Ultrafast Dynamics of Phytochrom from the Cyanobacterium *Synechocystis*, Reconstituted with Phycocyanobilin and Phycoerythrobilin. *Biophysical Journal* 82, 1004-1016

Sineshchekov, V.; Koppel, L.; Esteban, B.; Hughes, J.; Lamparter, T. (2002). Fluorescence investigation of the recombinant cyanobacterial phytochrome (Cph1) and its C-terminally truncated monomeric species. *Jour. of Photochemistry and Photobiology* 67, 39-50

Lamparter, T.; Michael, N.; Mittmann, F.; Esteban, B.; (2002). Phytochrome from *Agrobacterium tumefaciens* has unusual spectral properties and reveals an N-terminal chromophore attachment site. *PNAS* 99, 11628-11633

Esteban, B.; Carrascal, M.; Abián, J.; Lamparter, T. Light-induced conformational changes of cyanobacterial phytochrome Cph1 probed by limited proteolysis and autophosphorylation. (Arbeitstitel).Manuskript in Vorbereitung

7.1 Konferenzbeiträge während der Promotion

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| März 1999 | ESOP (European Symposium On Photomorphogenesis) |
| Dezember 2000 | Havel-Spree-Colloquium an der HU-Berlin: Vortrag „Reinigung und Strukturuntersuchungen des prokaryotischen Pytochroms aus <i>Synechocystis</i> Cph1 |
| Mai 2001 | Symposium. “Current Topics in Plant Biochemistry, Physiology and Molecular Biology” in Missouri, USA. Poster: “Limited proteolysis with a cyanobacterial phytochrome Cph1” |
| November 2001 | Sfb498-Symposium am Robert Koch Institut, Berlin. Poster: “Conformation-specific proteolytic cleavage of <i>Synechocystis</i> phytochrome Cph-1” |

