

Publication list - Katrin Ackermann, PhD

Katrin Ackermann, Victoria L. Revell, Oscar Lao, Elwin J. Rombouts, Debra J. Skene, Manfred Kayser (2012). Diurnal rhythms in blood cell populations and the effect of acute sleep deprivation in healthy young men. *Sleep*. *In press*.

Erik Maronde*, Anastasia Saade*, Katrin Ackermann*, Hany Goubran-Botros, Cecile Pagan, Roman Bux, Thomas Bourgeron, Faramarz Dehghani, Jörg H. Stehle (2011). Dynamics in enzymatic protein complexes offer a novel principle for the regulation of melatonin synthesis in the human pineal gland. *Journal of Pineal Research* 51:145-155.
*authors contributed equally

Jörg H. Stehle, Anastasia Saade, Oliver Rawashdeh, Katrin Ackermann, Antje Jilg, Tamas Sebesteny, Erik Maronde (2011). A survey of molecular details in the human pineal gland in the light of phylogeny, structure, function and chronobiological diseases. *Journal of Pineal Research* 51:17-43.

Katrin Ackermann, Kaye N. Ballantyne, Manfred Kayser (2010). Estimating trace deposition time with circadian biomarkers: a prospective and versatile tool for crime scene reconstruction. *International Journal of Legal Medicine* 124:387-395.

Katrin Ackermann*, Tracey L. Sletten*, Victoria L. Revell, Simon N. Archer, Debra J. Skene (2009). Blue light phase shifts *PER3* gene expression in human leukocytes. *Chronobiology International*, 26:769-779. *authors contributed equally

Katrin Ackermann, Faramarz Dehghani, Roman Bux, Gerold Kauert, Jörg H. Stehle (2007). Day-night expression patterns of clock genes in the human pineal gland. *Journal of Pineal Research* 43(2):185-194.

Katrin Ackermann, Roman Bux, Udo Rüb, Horst-Werner Korf, Gerold Kauert, Jörg H. Stehle (2006). Characterization of human melatonin synthesis using autaptic pineal tissue. *Endocrinology* 147(7):3235-3242.

Katrin Ackermann, Jörg H. Stehle (2006). Melatonin synthesis in the human pineal gland: advantages, implications and difficulties – a mini-review. *Chronobiology International* 23 (1&2):369-379.

Christian Schlörb, Katrin Ackermann, Christian Richter, Julia Wirmer, Harald Schwalbe (2005). Heterologous expression of hen egg white lysozyme and resonance assignment of tryptophan side chains in its non-native states. *Journal of Biomolecular NMR* 33:95-104.