POSTDOCTORAL POSITIONS

DEPT. OF BIOCHEMISTRY, VANDERBILT UNIVERSITY

Two postdoctoral positions funded by US NIH grants are available immediately to work on structural studies of native and chemically modified nucleic acids, protein-nucleic acid interactions or the KaiABC cyanobacterial circadian clock. An overview of current projects in our laboratory can be found at: http://structbio.vanderbilt.edu/~eglim/

For recent publications in the areas of DNA, RNA and protein-nucleic acid interactions, please see: *J. Am. Chem. Soc.* 2009, 131, p12548; *J. Biol. Chem.* 2009, 284, p22467; *Chem. Comm.*, 2009, p2017; *RNA* 2008, 14, p2125; *Cell Cycle* 2008, 7, p2562; *J. Biol. Chem.* 2007, 282, p36421; *Nucleic Acids Res.* 2007, 35, p6424; *Annu. Rev. Biophys. Biomol. Struct.* 2007, 36, p281; *Acc. Chem. Res.* 2007, 40, p197; *J. Am. Chem. Soc.* 2006, 128, p10847. For recent publications focusing on the structure/function of the KaiABC clock, please see: *Science* 2008, 322, p697; *EMBO J.* 2008, 27, p1767; *PLoS Biol.* 2007, 5, e93; *EMBO J.* 2006, 25, p2017; *Proc. Natl. Acad. Sci. USA* 2004, 101, p13933; *Nature Struct. Molec. Biol.* 2004, 11, p584; *Mol. Cell* 2004, 15, p375.

All crystallographic data collections are being conducted at the Advanced Photon Source, Argonne National Laboratory, to which we have extensive access via the Life Sciences CAT at sector 21. Candidates must have a recent Ph.D. and a strong background in chemistry or biochemistry as well as a basic knowledge of X-ray crystallography.

Please e-mail your curriculum vitae and the names of three references to: **Prof. Martin Egli, Department of Biochemistry, Vanderbilt University, School of Medicine, Nashville, TN 37232, USA. E-MAIL: martin.egli@vanderbilt.edu.**