We offer 1 Postdoc Position (24 months) in the field of Metabolic Engineering of Microalgae

within the Bioeconomy program of the Federal Ministry of Science (BMBF). The project start is scheduled for 06/2018. This collaborative research initiative comprising expert centers located at the Universities of Munich (LMU) and Bielefeld is focused on bio-based concepts for the production of hydroxystearic acid with photoautotrophic microorganisms, such as the green microalga *Chlamydomonas reinhardtii*. To this end, pathways for hydroxystearic acid synthesis shall be transferred to *C. reinhardtii* by metabolic engineering and fatty acid-producing strains subjected to further rounds of strain engineering in order to improve the partitioning of fixed carbon into desired products.

**Your qualifications:**
- PhD in Biology, Molecular Biology or Biochemistry
- Strong background in molecular biology (cloning; gene knock-down techniques; mRNA/protein quantification) and metabolite analysis (GC-MS; HPLC).
- Good command of the English language and high level of motivation

**Your benefits:**
- The excellent infrastructure of the Center for Biotechnology at Bielefeld University with a superb working environment in which you have great opportunities to develop your ideas and accomplish your scientific goals in an international research group.
- The participation in workshops and conferences.

Bielefeld University is committed to support equal opportunity; we encourage applications from qualified women and persons with disabilities.

**Your application:**
Please send CV (including transcripts & certificates), personal statement of research background & motivation and the name and contact details of two referees as one pdf document per email to: Prof. Dr. Olaf Kruse, Bielefeld University; Dep. of Biology/CeBiTec; Chair of Algae Biotechnology & Bioenergy; olaf.kruse@uni-bielefeld.de. Application deadline is 30.04.2018.