



**NICOLAUS COPERNICUS
UNIVERSITY
IN TORUŃ**

Centre for Modern
Interdisciplinary Technologies

2 Ph.D. positions in Algae Lipid Biology in the new research team led by dr Krzysztof Zienkiewicz, Centre for Modern Interdisciplinary Technologies, Nicolaus Copernicus University, Poland

Two Ph.D. positions are available at the Centre for Modern Interdisciplinary Technologies, Nicolaus Copernicus University, Torun, Poland. The successful candidate will work in the frame of the project: “Oil producing diacylglycerol acyltransferases encoded by the genome of oleaginous microalga *Nannochloropsis oceanica* – functional analysis and biotechnological applications”, funded by Polish National Science Centre. Both Ph.D: projects will include genetic engineering of microalgae, generation of microalgal knockouts by using CRISPR/Cas9, ectopic expression of genes in diverse hosts (yeast, land plants), comparative transcriptomics and microscopic analyses. The candidates should hold Master’s degree in biotechnology, biology, biochemistry or similar, and possess profound theoretical knowledge in molecular and cell biology. Preferred (but not absolutely required) methodological competences are: cell culture, RT-qPCR, molecular cloning, transformation techniques or CRISPR/Cas9. Good English skills (spoken and written) are obligatory.

Both positions are available from 1.10.2020. The information about the necessary documents is available under <https://www.ncn.gov.pl/baza-ofert/?akcja=wyswietl&id=183347> and <https://www.ncn.gov.pl/baza-ofert/?akcja=wyswietl&id=183348>. Documents should be submitted via e-mail: icnt@umk.pl before August 20, 2020. For additional information about the research project please contact: kzienki@umk.pl.