



INVITATION FOR A PHD STUDENT

We are looking for a very motivated candidate to join our new research group from 1st of January 2017. The research is carried out in the Docent Justus Reunanen (PhD) group in the Biocenter Oulu (<http://www.oulu.fi/biocenter/>) and Cancer and Translational Medicine Research Unit (<http://www.oulu.fi/medicine/research-groups/cancer-research-and-translational-medicine-research-unit>) at the University of Oulu (<http://www.oulu.fi/university/>).

INFORMATION ABOUT THE RESEARCH GROUP

Docent Justus Reunanen recently gained the highly competed Biocenter Oulu principal group position with his current and advanced topic of “Innovative approaches to discover novel antibiotics – metamining the human intestinal microbiome”. In addition, he has been awarded an Academy of Finland Research Fellow position for 2016-2021 to conduct the study “Fundamental molecular mechanisms behind microbial colonization of the human intestinal tract”.

The research group is interested in enlightening the role and functional significance of intestinal microbiota in human diseases and malignancies such as inflammatory bowel disease and intestinal cancer. In addition to understanding the role of microbiota in these pathologies, the group aims to identify completely novel antimicrobial molecules with potential medicinal purposes by studying multi-resistant enteric bacteria (e.g. ESBL- and CPE-strains). The research methodologies applied include basic molecular biology tools, host-microbe and microbe-microbe interactomics, a novel state-of-the-art metagenomic phage display technique, next generation sequencing, bioinformatics, and metagenomics.

SUMMARY OF THE PHD POSITION

The PhD position will be filled from 1st of January 2017. The salary is funded by the Academy of Finland and the expected time of doctoral studies is four years. The research group is based in the Kieppi building in the Kontinkangas campus (Aapistie 5, Oulu).

MAJOR RESPONSIBILITIES

The PhD student participates actively in performing the research and guiding other students within the project. The PhD student is responsible for reporting the results in scientific publications and presenting them at meetings and conferences.

QUALIFICATIONS

A qualified candidate holds MSc degree in the field of biosciences. Previous experience and knowledge on molecular cloning, working with bacteria, and/or interest in bioinformatics are highly appreciated, but not compulsory.

PLEASE PROVIDE THE FOLLOWING DOCUMENTS IN YOUR APPLICATION

- a short cover letter showing why you are interested in the PhD position
- a curriculum vitae, emphasizing the skills and knowledge related to the research project
- the documents and transcripts of your university degree(s)
- list of publications (if applicable)
- contact information for referee(s)

TO APPLY: Apply by sending your application to justus.reunanen@oulu.fi

For further information on the position please contact either Docent Justus Reunanen (Justus.reunanen@oulu.fi) or post doctoral researcher Johanna Korvala (johanna.korvala@oulu.fi; +358407137085).

