



Bioinformatician/biostatistician for clinical trial data analysis on early cancer detection

Chalmers and Elypta are collaborating to prevent death from curable cancers. Ongoing clinical trials initiated in Nielsen Lab are investigating the use of a new blood and urine based molecular diagnostic test for early cancer detection.

We are looking for a bioinformatician/biostatistician to lead the analysis of results from 3 ongoing clinical trials and support the analysis of 2 other trials close to termination .

BACKGROUND

Elypta collaborates with Chalmers University of Technology to produce excellent scientific evidence that a specific class of glycans in human body fluids has clinical utility in early cancer detection. The glycan profile has convincingly shown to detect at least two forms of cancer with exceptional accuracy.

To this end, Jens Nielsen lab at Chalmers has initiated 5 clinical trials in Göteborg, Uppsala, and Milan. Three of these have passed interim analyses and are projected to terminate in early 2019. The remaining 2 are due to start enrolment in early 2018. Five independent papers are estimated to result from these trials.

Chalmers and Elypta are now seeking a bioinformatician/biostatistician to lead analysis of results from 3 of these trials, and support the analysis of the remaining 2.

The project may lead to permanent employment at Elypta but starts as a 2-year post-doc in the Nielsen lab at the Department of Biology and Biological Engineering at Chalmers. Elypta will complement the post-doc salary with a monthly consultancy fee.

SUPERVISOR/MANAGER

The candidate will report to the Principal Investigator Jens Nielsen and will in the day-to-day work be supported and supervised by co-principal investigator Francesco Gatto (Elypta).

MAIN DUTIES/RESPONSIBILITIES

The candidate will be responsible to complete, support, and publish the above-mentioned studies. The role will consist of these duties:

- Gather and process the data from the trials;

- Liaise with the clinical collaborators;
- Analyse the data in the context of the endpoints of each trial;
- Draft or support the drafting of the manuscripts;
- Publish and disseminate the manuscripts.

Elypta is a start-up with an office in Stockholm while Nielsen lab is located at Chalmers in Gothenburg. As Elypta advances, we expect this role and challenges we face to evolve, and we are therefore looking for a flexible and dedicated candidate who wants to contribute to developing novel methods that can improve modern health care.

QUALIFICATIONS

- Ph.D. degree in Bioinformatics / Computational Biology / Biostatistics / Statistics or equivalent subject is required

PREFERRED EXPERIENCE

- Bioinformatics analysis of clinical data (survival analyses, exploratory data analysis)
- Strong background in statistics
- Oncology

SKILLS & PERSONAL CHARACTERISTICS

- Organisation and precision in work
- Openness and an excellent ability to communicate with others
- Ability to independently solve problems and know when to seek help
- Ability to question the method and curiosity to propose improvements
- Strong drive and motivation for personal development
- English fluency in writing

For more information, please contact Francesco Gatto at [gatto\[at\]elypta.com](mailto:gatto[at]elypta.com) or Jens Nielsen at [nielsenj\[at\]chalmers.se](mailto:nielsenj[at]chalmers.se). To apply, please attach a cover letter, your CV, the publication list and 2-3 references. **Apply before May 14th – project start from June or earliest possible date thereafter**