

## **Postdoc position in bioinformatics and clinical genetics**

Do you have a solid background in bioinformatics and human genetics? Do you enjoy working interdisciplinary in an ambitious clinical research environment characterized by a high academic level? Then we have a position for you.

We are an internationally recognized clinical research center consisting of about 40 employees. Our primary focus areas are to uncover the causes of childhood asthma, allergy and eczema for prevention. Our broader focus is to understand which early factors, define later lifelines for a wide range of chronic inflammatory diseases.

We follow 1100 children and their families very closely and have longitudinal clinical data and biological samples collected over the last 20 years. In addition, we collaborate with a wide range of partners, both national and international, and have a rich collection of genetic, epigenetic, microbiological and immunological data. The Danish patient and other records are also included as a data layer in our studies and we participate in multiple international consortia.

We have a very strong focus on high quality throughout the data chain, from collecting samples, over clinical validation and quality assurance in databases, for analysis and final publication of results. The aggregate data material constitutes an international whole unique description of early life. As a result, we continuously publish in highly acclaimed international journals, such as NEJM, Nature, Science.

We are now seeking an ambitious and dedicated colleague to join our genetics research group and participate in both in-house genetics research projects, but also international collaborations. You will also act as technical supervisor for our medical PhD students.

### **We offer**

- Participation in a research environment at a high international level
- Possibility to contribute to high-ranking publications
- Possibility to be a leader in projects that suit your skills / professional profile
- Possess the opportunity to gain experience in guidance and international collaboration
- Research support from data managers, IT support, fundraising, economics, etc.
- Enter a well-functioning, unpretentious and inspiring workplace with good work-life balance
- Competitive postdoc salary

### **Personal profile**

- Curious, passionate and keen to be in the front line, where research makes a difference
- Dedicated, ambitious and capable of initiating self-propelled progress
- Thrives in an interdisciplinary working environment characterized by high academic level and a dynamic everyday life, where the focus can change according to the research results
- Able to communicate complex analyzes and results to colleagues with non-technical background
- Be sure to seek and absorb new knowledge as relevant technology develops

- Strong communicator in general and especially safe by communicating in English both verbally and in writing
- Can display relevant scientific publications within the last 3 years

**Professional profile**

- PhD / Post-doc experience in bioinformatics, computer science or equivalent
- Strong background in NGS-based data analysis focusing on human genetics
- Good skills in \* nix, cluster computing and in Python, Perl or similar scripting languages
- Experience in performing and interpreting statistical analyzes in R (like tidyverse / ggplot) or equivalent analysis language (linear models, survival analysis and the like)
- You have a biological and / or medical understanding, but do not have to be an expert

**Make a difference**

You will play a crucial role as postdoc in a highly interdisciplinary research environment. You will work in a team of colleagues who are all passionate about their work and proud of their achievements. The research group has international awareness and the area enjoys great public interest. We have a great working environment, characterized by a good mood and an informal atmosphere. We have high ambitions with plenty of space for sparring and professional development.

**Are you interested?**

If you want to know more about the position, please contact Clinical Assistant Professor Klaus Bønnelykke on phone 3867 7360 or read more about the center at: [www.copsac.com](http://www.copsac.com).

The employment is for 1 year with good opportunity for extension. Salary and employment will be by agreement and according to current rules in RegionH.

Apply for the position [here](#)

*Copenhagen Prospective Studies of Asthma in Childhood (COPSAC) is a clinical translation research unit for childhood asthma, through coupling of clinical and basic research, has made important discoveries that have gained great international recognition and will make an important difference for childhood asthma. COPSAC is a self-governing institution that provides contributions from public and private funds. COPSAC consists of 40 highly committed and professionally skilled researchers who work in an unpretentious and inspiring environment against new important results. See more at [www.copsac.com](http://www.copsac.com).*