Job offers - Unit of Animal Genomics - Liège, Belgium

The Unit of Animal Genomics (UAG) is an internationally acclaimed research group, headed by Michel Georges (michel.georges@uliege.be), whose 20 members develop and use state-of-the-art genomic and analytical tools to dissect the molecular basis of complex traits of medical, agricultural and fundamental importance in humans and animals (http://www2.giga.uliege.be/cms/c_20639/en/unit-of-animal-genomics-home).

The Unit of Animal Genomics seeks to hire highly motivated and enthusiastic:

1. Computer scientists: To provide assistance to the UAG team in administering their high-performance computing facilities, installing and updating software, developing and maintaining databases, training the lab members in IT, develop analysis pipelines and contribute to data analyses. Formal training in informatics and/or extensive IT experience is essential. Prior experience in bioinformatics and/or biostatistics are an advantage.

2. Bioinformaticians and statistical geneticists in medical genomics To join the IBD genomics team (Dr. Souad Rahmouni: srahmouni@uliege.be) and participate in the analysis of the CEDAR dataset, i.e. a unique cohort of 500 individuals that are deeply phenotyped at the genome, transcriptome and microbiome level in multiple immune cell types and intestinal locations with the aim to identify variants, genes and pathways underlying inherited predisposition to Inflammatory Bowel Disease (f.i. Huang et al. Nature 2017; Momozawa et al. Nat Commun 2018). We welcome applications at the PhD and postdoctoral level. Prior experience in informatics, statistics and/or genetics are an advantage.

3. Bioinformaticians and statistical geneticists in livestock genomics To join the animal genomics teams (Dr. Carole Charlier: carole.charlier@uliege.be and Dr. Tom Druet: tom.druet@uliege.be) and participate in the analysis of the DAMONA and CAUSEL datasets, i.e. unique cohorts of > 1,000 animals that have been whole genome sequenced, to identify variants, genes and pathways influencing agriculturally important phenotypes, to study the process of de novo mutation, recombination, gene conversion and transposon mobilization in the bovine germ line, and to develop novel approaches towards genomic selection. We welcome applications at the PhD and postdoctoral level. Prior experience in informatics, statistics and/or genetics are an advantage.

Please directly contact Souad Rahmouni, Carole Charlier or Tom Druet for more information.

Professorship at Aarhus University in Denmark

We are currently searching for candidates to fill a professor position
within the field of Statistical Genetics. If you have a strong scientific
background in this field and have an interest in developing statistical
genetic tools for animal/plant breeding, personalized medicine, or
understanding regulation of complex traits, you may be the candidate we are
looking for. The successful candidate will be an important contributor to
further develop the research area within the internationally recognized
Center for Quantitative Genetics and Genomics (QGG) at Aarhus University in
Denmark. For more details on QGG, please go to our web page:
http://mbg.au.dk/forskning/forskningscentre/center-for-quantitative-genetics-and-genomics/

If you are interested, please go to our webpage to see more details on the
position and how to apply;

http://mbg.au.dk/en/news-and-events/vacancies/job/professor-in-statistical-genetics/

You are more than welcome to contact Mogens Sandø Lund directly for any
further information regarding the position.

SYSAAF Permanent positions as quantitative geneticists in poultry and aquaculture breeding

PROPOSAL FOR A PERMANENT POSITION *(Location: Rennes, France)*
Closing date for candidature: 30/04/2019
"Genetic advisor in genetic selection of aquaculture species"

Localisation: SYSAAF, LPGP Research unit - INRA, Campus de Beaulieu – 35042 Rennes, France.
Contact:
Mr. Pierrick Haffray (+ 33 6 66 86 08 55, pierrick.haffray@inra.fr) or Mr Daniel Guémené (SYSAAF Director)
(+33 2 47 42 76 43/+ 33 6 62 69 19 58, daniel.guemene@inra.fr)
• Mail address to be candidate (letter + CV) : pierrick.haffray@inra.fr & daniel.guemene@inra.fr
• Website: www.sysaaf.fr

JOB OFFER: PROPOSAL FOR A "QUANTITATIVE GENETICIST"
PERMANENT POSITION *(To be filled immediately)*
Localisation: SYSAAF, Centre INRA - Val de Loire, UMR-BOA, 37380 Nouzilly, France.
Application: A CV together with a letter of motivation should be sent by email or postal mail to Dr. Daniel Guémené (SYSAAF Director) (+33 2 47 42 76 43 / + 33 6 62 69 19 58, daniel.guemene@inra.fr), Postal address SYSAAF, Centre INRA - Val de Loire, UMR-BOA, 37380 Nouzilly, France. Website: www.sysaaf.fr

FDA Molecular Biologist vacancy announcement

Position: **Staff Fellow Molecular Biologist**

This position is located in the Food and Drug Administration (FDA), Office of Foods and Veterinary Medicine (OFVM), Center for Veterinary Medicine (CVM), Office of Surveillance and Compliance (OC), in Rockville, MD.

You will conduct scientific reviews of genetically engineered microorganisms/plants used in the development and production of novel animal food ingredients and deliver findings in written reports.

- o You will review molecular biology/microbial safety data submitted by food additive petition sponsors and generally recognized as safe (GRAS) determinations to evaluate sufficiency of support for approval.
- o You will conduct in-depth technical reviews of food labeling to identify problems and provide recommendations regarding label compliance with appropriate laws, regulations and policies.

Open Dates: March 29, 2019 – April 29, 2019

USA Jobs Link: https://www.usajobs.gov/GetJob/ViewDetails/529005700

Statistician Position at BioStat Solutions in Frederick, MD

Location: Frederick, Maryland
Industry: Consulting – Drugs/Biologics/Devices
*Term: *Full time, Permanent
Reports to: BSSI Directors

BioStat Solutions, Inc. (BSSI) is a statistical consulting corporation in service to the pharmaceutical, biotechnology, medical device and biodefense industries. BSSI's key service areas include the development and implementation of analytical strategies for biomarker studies, biodefense countermeasure development, and medical device / (companion) diagnostic studies.

Job Objective:
Statistician to function as a Research Scientist and provide strategic development and analytical support
to deliver actionable results through the power of cutting edge analytics

Details:
Qualifications:
o Ph.D. REQUIRED. (Preferred degree in Statistics or Biostatistics) OR M.S.
  degree with 4-6 years' relevant work experience
o Proficiency in R programming is required; proficiency in both R and SAS
  is preferred; experience in R package development and/or Shiny app
  development is a plus.
o Training in the theory and application of statistics is required;
  knowledge of high dimensional data analysis and machine learning is
  preferred.
o Hands-on experience in analysis of statistical genetics and/or precision
  medicine is required.
o Experience with sequencing (e.g. DNA-Seq, RNA-Seq) is required;
experience in analysis of multiple omics data types is preferred.
o Proven ability to work independently and in a team environment
o Motivation in continued learning of biological knowledge, statistical
  methodologies, and programming skills
o Excellent analytical and problem-solving skills
o Excellent written and verbal communication skills
o Qualified candidates must be legally authorized to be employed in the US

Senior Statistician Position at BioStat Solutions in Frederick, MD

Job Objective:
Senior Statistician to function as an independent statistician in support
of management in design, analysis and interpretation of complex data at BSSI

Details:
Senior Statistician includes these responsibilities:

- Serve in a leadership role for Statisticians / Statistical Analysts by
  offering technical expertise and guidance towards achieving project-related
  or company-related goals
- Design, analyze and interpret disease and drug response data for
  clients
- Independent project development, including but not limited to,
  ascertainment of client needs, recommendations on statistical methodology,
  and authoring Statistical Analysis Plans (SAPs)
- Critically evaluate optimum analytical methodology for individual
  projects
- Report findings in Statistical Analysis Reports, executive summaries
  and slide presentations
- Interact with clients through emails, conference calls and on-site
  visits
- Actively participate in resource planning (i.e. planning of individual

projects and strategic resource allocation)
- Support BSSI's Business Development efforts through delivery of
  superior work product and effective communication with clients and team
  members
- Consider effect of biomarkers in stratification of disease, response
  and patient population

In addition to the responsibilities of the Statistician position:

- Perform statistical analysis and programming (R, SAS, and other
  appropriate languages such as Python)
- Provide analysis, quality control and validation for manufacturing
  studies
- Assist clients by providing analytical strategies in major therapeutic
  areas and diseases
- Conduct work in accordance with BSSI standard operating procedures
  (SOPs), BSSI QA/QC policies, client-specific requirements and applicable
  regulatory guidelines
- Serve in the Project Lead role (described in BSSI's SOPs) as
  appropriate
- Validate statistical results with team members to ensure high quality
  deliverables
- Provide technical writing for analysis plans, protocols and regulatory
  documents as needed, and summarize results (i.e. tables, figures and
  listings) for inclusion in presentations or reports
- Provide guidance to staff with respect to statistical methodology and
  programming
- Participate in internal research and development activities
- Collaborate in research efforts and write scientific reports
- Attend on site client visits and present findings as needed

*BioStat Solutions, Inc. is a voluntary equal opportunity employer. In
compliance with federal law, all persons hired will be required to verify
identity and eligibility to work in the United States and to complete the
required employment eligibility verification form upon hire*

Please apply to hr@biostatsolutions.com
www.biostatsolutions.com

Open position at STgenetics: Bioinformatician

As a leader in applying cutting-edge technology to animal breeding, STgenetics is seeking a
motivated Bioinformatician as part of the genetics and genomics research team. In this role,
you will be part of the research and development team, managing and analyzing NGS projects
and maintaining error-free databases and support researchers in their roles. This position is
based in College Station, TX.

Title: Bioinformatician and Data Analyst

Duties:
- Analyzing high throughput NGS data
- Designing and optimizing new SNP-chip panels to match the different business needs
- Designing bioinformatics pipelines for sequence data analyses
- Variant calling using Genotyping by Sequencing (GBS) platform
- Multidisciplinary analysis to better understand underlying biological networks
- Timely data uploading to the database
- Perform data QC and developing tools to mine the database
- Correct and track errors/changes in the database
- Support users to extract and manipulate files
- Import/export and manipulate large datasets
- Build scripts to automate daily tasks
- Monitor dataflow and quality into the database

Experience:
- PhD or Master in Bioinformatics or related field
- Understanding animal breeding and genetics is a bonus
- A thorough understanding of the different sequencing technologies
- Expertise in handling large datasets in Unix environment
- Experienced user of high-performance computing systems
- Expertise in one or more scripting language(s) (e.g. Shell, R, Python, Perl)
- Good scripting for SQL and using of MS SQL Server suite
- Excellent attention to details
- Excellent organizational abilities
- Excellent communication skills
- Excellent English language communication skills, verbal and written

Application:
For application, please email a complete CV and names, email address and phone number of two references to: Dr. Joseph Deeb (jdeeb@stgen.com).
Applicant must have legal authorization to work in the US for any employer.

Review of applications will start immediately and will continue until the position is filled.

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Joseph Deeb
Cell: (270) 776-4011
Office: (936) 870-3960 ext. 181

Geneticist permanent position in Switzerland

SUISAG is offering genetics and services to pig producers in Switzerland
as well as international clients.

We are looking for a highly motivated project leader in quantitative
genetics. You find more details in the job description
https://www.animalgenome.org/community/angenmap/mail/db/7810.pdf

Thank you for considering to work in beautiful Switzerland or to forward this job offer to other geneticists that might be interested.

Postdoc position in Computational Genomics & Biology at ETH Zurich

The Animal Genomics (http://www.ag.ethz.ch) and Animal Physiology (http://www.ap.ethz.ch) groups at the Institute of Agricultural Sciences, ETH Zurich, address sequence variation in livestock populations and the complex regulation of physiology. Reproductive challenges are specifically in focus and include an epigenetic perspective on cellular communication in livestock and wildlife. We invite applications for a

Post-doc position in Computational Biology/Genomic/Transcriptomics/Bioinformatics.

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Preložiť správu

Vypnúť pre jazyk: angličtina

[AnGenMap Discussion Listserv -- Mails distributed to 3148 members]
[In case of skewed mail body or broken web links see archived copy]
[@URL: https://www.animalgenome.org/community/angenmap/mail/latest]
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Dear colleagues

The Animal Genomics (http://www.ag.ethz.ch) and Animal Physiology (http://www.ap.ethz.ch) groups at the Institute of Agricultural Sciences, ETH Zurich, address sequence variation in livestock populations and the complex regulation of physiology. Reproductive challenges are specifically in focus and include an epigenetic perspective on cellular communication in livestock and wildlife. We invite applications for a

Post-doc position in Computational Biology/Genomic/Transcriptomics/Bioinformatics.

The Postdoctoral researcher will implement bioinformatic methods to combine short and long sequencing reads for the de-novo assembly of large animal genomes. Sequencing technologies that generate long-read sequence data from single molecules at sufficient throughput facilitate the de-novo assembly of large genomes at unprecedented contiguity. High-quality genome assemblies are available for many mammalian species but such a resource is missing for the European roe deer (Capreolus capreolus). We envisage te successful candidate to combine long- and short-read sequencing data to generate a first de-novo assembly of the European roe deer and to perform RNA-Seq and Methyl-Seq analyses.

We offer a very well-equipped facility at ETH Zurich in a working environment of young, emerging research groups at the Institute of Agricultural Sciences. The successful candidate will have access to state of the art sequencing and high-performance computing facilities. Both collaboration across the interdisciplinary groups and international cooperation are anticipated and highly encouraged. Publication activities and participations at international conferences are vey much supported.

We are looking for an early experienced, highly motivated young researcher with a strong enthusiasm to conduct cutting-edge research in the interdisciplinary field of computational biology, bioinformatics and functional genomics in the context of livestock and wildlife physiology. The successful candidate is expected to contribute to ongoing genomics-related projects in our young interdisciplinary research group. A PhD in Bioinformatics, Genomics or a discipline related to the outlined project is required. Proficiency in the analysis of long-read sequencing data is expected and experience in the assembly of eukaryotic genomes is highly desired. Candidates should have demonstrated their ability to work independently in an interdisciplinary research environment.

We look forward to receiving your online application including a letter of motivation and a detailed CV including a publication list and copies of certificates. Please address your application to: ETH Zurich, Prof. Susanne E. Ulbrich & Prof. Hubert Pausch. We exclusively accept applications submitted through our online application portal. Applications via email or postal services will not be considered. Please submit your application online at
https://apply.refline.ch/845721/6985/pub/1/index.html

For further information about our groups, please visit our websites: www.ag.ethz.ch and www.ap.ethz.ch. For further information about the position and questions related to the research opportunities at ETH Zurich, please contact Prof. Ulbrich at sulbrich@ethz.ch (no applications) or Prof. Pausch at hubert.pausch@usys.ethz.ch (no applications).

ORGANISATION: WROCŁAW UNIVERSITY OF ENVIRONMENTAL AND LIFE SCIENCES
RESEARCH FIELD: Biological sciences › Biological engineering
RESEARCHER PROFILE: Recognised Researcher (R2)
APPLICATION DEADLINE: 30/04/2019 15:00 - Europe/Brussels
LOCATION: Poland › Wrocław
TYPE OF CONTRACT: Permanent
JOB STATUS: Full-time
HOURS PER WEEK: 40
OFFER STARTING DATE: 01/09/2019

The candidate will be employed at the Faculty of Biology and Animal
Science, Wroclaw University of Environmental and Life Sciences,
Department of Genetics, Statistical Genetics Group. The person is going
to perform research within the field of bioinformatics and statistical
genetics of livestock, teaching on the undergraduate and graduate
levels, and organizational activities at the Faculty.

This time in Wroclaw (Poland): https://euraxess.ec.europa.eu/jobs/384984