Senior Research Statistician

Cambridge, UK

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Location: Cambridge, UK

Salary: Competitive + excellent benefits

AstraZeneca is looking for a skilled statistician (could be a recent graduate or someone with many years of experience) to work as part of the Quantitative Biology department in Cambridge, UK. You will be joining a dynamic team of statisticians, informaticians, modellers and image analysts, and also be part of a global group with representatives in the UK, Sweden, and the US. In this position you will provide statistical support to our research areas. You will work closely with preclinical projects, providing business critical expertise to enable problem resolution particularly around biological assay development, optimisation, validation and data analysis. You will be expected to proactively seek opportunities to contribute; influencing at all levels from bench scientists to senior business leaders. In addition, engaging effectively with the external environment will be an important component.

About AstraZeneca

As one of the world's leading pharmaceutical companies, our business is focused on providing innovative, effective medicines that make a real difference in important areas of healthcare. At AstraZeneca, innovation is about more than just research. As one of the world's leading pharmaceutical companies, we’re focused on providing medicines that make a real difference in patient care. AstraZeneca is a place where you can drive innovation in small molecule and biological research and development, and it’s also a place with a collaborative culture, where you’ll feel valued, energised and rewarded for your ideas and contributions.
As a Senior Research Statistician your skills and qualifications will ideally include:

Strong quantitative background with a PhD in statistics, mathematics, data science, or equivalent
Broad experience in statistical data analysis, and knowledge of at least some of the following areas: experimental design, linear/nonlinear models, mixed effect models, data mining, Bayesian methods, and statistical learning
Programming proficiency and experience with relevant software tools such as R, Mathematica, SAS, Stan, and Matlab. Familiarity with SAS JMP and/or Spotfire would also be useful
Excellent consulting, communication, and presentation skills, especially in communicating statistical concepts to non-statisticians
Basic understanding of cell biology and human physiology.

As a Senior Research Statistician your main responsibilities will involve:

Using statistics you’ll work with drug discovery projects and therapeutic areas to identify and deliver solutions for addressing key biological questions
Building or internalizing, appropriate algorithms and techniques to answer defined biological questions
Implementing and developing solutions with appropriate software
Build knowledge of quantitative biology capabilities across R&D
Contributing to and leading local and global projects for the Quantitative Biology department
Ensuring that results are scientifically robust and documented.

Applications Open: 5th May 2016
Applications Close: 2nd June 2016

https://job-search.astrazeneca.com/job/cambridge/senior-research-statistician/3845/2106230