**Position**: Lead Bioinformatics

**Reporting** to: Head of the biostatistics

**Job summary**:

Novocure, medical device company developing breakthrough theology for cancer treatment. We are looking for self-starter Bioinformatics Scientist who is comfortable working in a fast moving interdisciplinary team, with wide vision for building the bioinformatics unit in the company.

**Responsibilities**:

* Characterize of the infra structures required for the unit
* Developing algorithms and analyses for cutting-edge next-generation sequencing (NGS), analyzing exciting large-scale genomic data; develop high-performance computing platform and analysis workflow. The work will be done with our highly professional teams in both science and engineering to deliver the best genomic applications to the field.
* Work directly with preclinical department to solve their bioinformatics challenges, with an emphasis on gene panel sequencing, which may include troubleshooting, problem-solving, developing analyses pipeline to resolve issues and present data in the best light
* Create training materials, protocols, and applications notes on data analysis
* Analyze sequencing data, design analysis strategies, tools and algorithms, and develop operating pipelines
* Keep current with relevant scientific or medical journals.

**Qualifications**:

* Masters or Ph. D. in Bioinformatics, applied mathematics, molecular biology, biochemistry, and computer science oriented to biology or equivalent.

**Knowledge/Skills**:

* Minimum 1 - 2 years of experience in bioinformatics and data analysis.
* Previous experience in data analysis of next-generation sequencing (NGS) data is required.
* Practical experience with open source bioinformatics tools and wide knowledge of genomics applications.
* Deep understanding in the molecular biology technicians- advantage.
* Programming skills with Python or Perl, R
* Working in Linux environment
* Fast learner and willing to learn new skills and technologies
* Aptitude to present Bioinformatics issues and solutions to audiences with varying levels of experience is critical.
* Ability to lead processes
* Team player with good communication skills

**Acknowledgement**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Signature | Date |
| Employee  |  |  |  |
| Direct supervisor  |  |  |  |
| Dotted supervisor |  |  |  |