

Barcelona, February 15th, 2021

Data Analyst Associate

The Company

STALICLA is a patient-centric clinical-stage company whose key mission is to identify, develop and bring precision medicine to patients with neurodevelopmental disorders (NDDs). Overall, neurodevelopmental disorders are disabilities in the functioning of the brain caused by an atypical brain development that results in abnormal behavior, memory or ability to learn. NDDs affect 1 in 6 children worldwide and include intellectual disability, dyslexia, attention deficit hyperactivity disorder (ADHD), learning deficits and autism.

STALICLA's first focus of development has been Autism Spectrum Disorder (ASD). Today, patients diagnosed with ASD account for 1-1.5% of the world population and the condition remains a high unmet medical need, with no pharmaceutical treatments available to address the core symptoms.

STALICLA has assembled a world-class team of experienced drug developers, clinicians, computational systems biologists, geneticists and software engineers, developing a first in class precision medicine platform using systems biology, machine learning & statistical modeling to accelerate drug development for patients with NDDs. DEPI, the company's unique drug discovery platform, characterizes biologically similar subgroups of patients within highly variable populations of NDD patients, and further identifies tailored treatments. To support its drug discovery platform and pipeline development, STALICLA has established strong networks within top tier research and clinical centers.

STALICLA's platform has already proven successful in expediting and de-risking a first pipeline, STP1, tailored to a subgroup of patients with ASD which will be entering clinical trials this year. In addition, STALICLA's DDS (Discovery and Data Science) unit in Barcelona is currently advancing new precision medicine pipelines for two additional subgroups of ASD patients.

Position

Duration: To be discussed

Salary: Competitive - depending on experience and profile

Candidates living in Barcelona or EU and able to relocate rapidly would be preferable.

The role

The Data Analyst Associate will work closely with the other members of the unit and contribute to updating STALICLA's proprietary knowledge bases towards the characterization of “targetable” molecular, genetic and clinical features in neurodevelopmental disorders. S/he will participate in the manual and automated curation of bibliographic data to characterize relevant gene-phenotype associations and contribute to upgrade and maintain our biomedical databases. Candidates with a fair background in molecular biology and human genetics are preferred.

Work environment

The STALICLA DDS office at the World Trade Center is located by the sea, overlooking the port of Barcelona and it has easy access to the public transportation. Perks at the office include free coffee, tea and fresh fruits.

Desired skills & software

Must have

- Basic knowledge on molecular biology and human genetics

Good to have

- R (+Bioconductor) and/or Python
- Git, Makefile, Nextflow (or equivalent), Docker
- MySQL, Neo4j, MongoDB or equivalent
- Experience with text mining and NLP (preferably on clinical and biomedical text)
- Experience in the analysis of NGS data (preferably genomics, i.e. WGS, WES, and RNA-seq)
- Prior experience in the field of Neurodevelopmental disorders or CNS genetics

In addition, the candidate is expected to have:

- A high comfort level working in a high paced start-up environment, where a pragmatic, resourceful, well organized and effective approach is required with limited resources

- A hands-on, decisive approach and a proven ability to work independently and as a team player
- Excellent communication skills in English
- A passionate, energetic and enthusiastic personality that will ensure commitment to the company and its vision

Knowledge or interest in NDD or related therapeutic areas is an asset.

STALICLA promotes diversity, equal opportunity and inclusion. Female, minority and candidates with disabilities are strongly encouraged to apply.

Please submit application to: hr@stalicla.com