ASTRAVEUS

Open Position

Research and Development Engineer

Please send applications to: apply@astraveus.com

Astraveus is a two-year old start-up developing microfluidic automation for the production of cell and gene therapies (CGTs). These new kinds of therapies have tremendous potential, for example to cure cancers, but their accessibility is limited by industrial capacity and production cost. With several innovative and very high-performance technologies we aim at both bringing cost reduction and scale-up of CGT so that many more patients can be treated.

We are looking for a generalist engineer with experience in microfluidic or flow/particle interactions and ideally in in cell biology. The person will be in charge of a long-term R&D project to further develop our innovative technology by creating cutting-edge solutions to CGT manufacturing constraints.

Strong fundamental engineering skills and good learning and self-teaching abilities are essential traits we look for. The ideal candidate will have a deep desire to work in a fast-paced start-up environment where the degree of success of the overall project is directly dependent on our combined efforts. By working in an established startup, you will get the benefit of further developing your research skills while working in a commercial enterprise readying a product for launch.

We are looking for problem solvers who have an inherent desire to advance projects and develop state-of-the-art solutions. You will work within a team of like-minded engineers and you will have your own projects and team projects.

We are in the 5th in Paris within a fantastic research facility within the IPGG institute. We look forward to you joining our friendly, enthusiast and high-performing team! If you profile does not quite meet the requirements below, but you believe you unique skillset could enhance our project, then please feel free to apply with a cover letter highlighting your relevant competencies.

Training level:

MSc or preferably PhD, or equivalent

Essentials:

Strong fundamental engineering skills (analytical physics)
Computer Assisted Design (CAD) and Computer Assisted Modelling (CAM) experience
Experience in microfluidic, fluidic dynamics, or equivalent.
Fluent in English (written and spoken)

Very nice to have:

Experience of flow/particle interaction
Experience in cell biology
Experience in programming

Nice to have:

Experience with C, C++, OpenFOAM

Experience in writing academic journals