

Infinite, development of bio-medical technologies, LLC

## Researcher / Developer

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### About us:

**Infinite LLC** is a young spin out company of the Laboratory of Biophysics Jožef Stefan Institute (Ljubljana), registered in 2020.

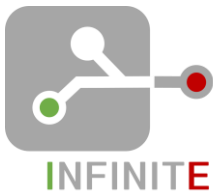
Infinite LLC introduces **alternative cellular sensor systems** to test material safety without the use of test animals.

Infinite d.o.o. develops and combines **tissue-on-chip** and **microscope-on-chip** technologies and integrates them into state-of-the-art systems for rapidly prediction of material-induced long-term symptoms using the latest scientific knowledge on disease triggering.

To realize our vision, we are looking for new young motivated colleagues who would join our group on the long-term basis.

**In particular, we invite those new colleagues who share the following values with us**

- You like the challenges, which you accept as opportunities to move forward and in which you use your own ideas, experiences and solutions;
- You are an self-initiative, committed to a our common vision to create technology that will change our world;
- You think out-of-the-box, you are able to listen and hear your colleagues of different profiles and skills, you know how to exchange arguments;
- You're devoted to your work and able to understand that every solution suggested by each of us brings us one step closer to our final goal;
- You respect your teammates and you like to work in the team. To make your contribution to teamwork the greatest and the most joyful, we will work together in a pleasant working environment that includes a pleasant "living room" for relaxation with colleagues, break and coffee, as well as socializing together outside working hours.



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## Job description:

Development of components and their implementation into a complete microscope-on-chip solution to enable detection of early molecular events. Depending on the knowledge and preferences of the candidate, it is possible to focus the work to development of one or more components, the work can be either theoretical or experimental.

- Work tasks and responsibilities:
  - Development of optical and opto-electronic microscope-on-chip systems, solving related R&D problems including the development of new photonic technologies based on meta-surfaces;
  - Professional support to the sales&service team in the implementation of sales and services, in particular in relation to the detection of molecular events and the automation of this detection;
  - Coordination or assistance in the organisation of work in the R&D department;
  - Coordination or assistance in approaching regulators obtaining appropriate authorisations, as well as in protecting our intellectual property;
  - Assistance in purchasing systems and materials within the R&D department, negotiating and communicating with suppliers, coordinating purchases with other departments.

## Candidates must meet the following conditions:

- Have a PhD in technical / natural sciences, preferably in the fields of physics, biophysics, photonics, nanotechnology;
- Demonstrate professional experience in at least two different work environments (laboratories, companies, institutes, universities) worldwide;
- Demonstrate knowledge of at least two areas of the following: optics, photonics, nanotechnology, experimental physics, electronics and mechanical processing/prototyping;
- Fluent in English.

**It is desirable that candidates also master programming** in at least one of the high-level programming languages (Mathematica, Matlab, LabView, uManager) or low-level language (C++, Python or Java).

We expect to assign a selected candidate to an indefinite employment relationship with a trial period of 6 months.

Place of work: Ljubljana (until autumn 2021), then in Maribor

Interested candidates are invited to send a short accompanying text and CV in Slovenian / English, as well as evidence of professional education and other skills obtained to the e-mail address [info@infinite-biotech.com](mailto:info@infinite-biotech.com).