Contract Type: *Fixed Term Contract* |

System administrator for ELIXIR Node in Luxembourg

The Luxembourg Centre for Systems Biomedicine (LCSB) at the University of Luxembourg is seeking an enthusiastic team member for the following position:

System administrator for ELIXIR Node in Luxembourg (m/f)

- Initial contract duration : 3 years, 40h/week, extension possible
- Employee status (start date: as soon as possible)
- *Ref. : S-STR-4029-00-B*

The Luxembourg Centre for Systems Biomedicine (LCSB) is an interdisciplinary research centre at the University of Luxembourg. LCSB develops and applies systems-level approaches to gain insight into the molecular and cellular mechanisms of human diseases. Experimental and computational approaches are combined to analyse the complexity of biological systems underlying disease pathogenesis. The LCSB is pioneering the way for a predictive, preventive and personalised medicine. LCSB is currently establishing the ELIXIR (the European life-sciences Infrastructure for biological Information www.elixir-europe.org) national node of Luxembourg focusing on "Clinical and Translational Medicine Research Informatics".

We are looking for a System administrator for the prospective ELIXIR Node. The job owner will help to provide a secure, scalable and highly available Virtual Private Cloud (VPC) & IT environment adequate to the needs of the ELIXIR services and user community, through proactive monitoring and support of the heterogeneous hardware and software components. One important task will include the support of the whole scientific software landscape but will also include the further development and refinement of existing and upcoming software analysis pipelines. The job owner should be able to perform and lead data management / processing tasks.

Your Role

Duties of the position include, but are not limited to:

- Perform system administration tasks mainly on CentOS based systems.
- Responsible for the management, tuning and automation of our virtualization infrastructure (oVirt, OpenStack, Puppet).
- Monitor this infrastructure using Icinga2.
- Follow up and resolve issues related to this ecosystem.
- Write and maintain technical documentation.

Your Profile

- Degree in Information technology, computer science or related fields.
- Strong system administration and hardware experience in virtualization is required (OpenStack / oVirt knowledge will be considered an asset).
- Good computer programming experience (Shell scripting, Python).
- Experience with Puppet, Ansible or Chef will be considered an asset
- Excellent communication skills and the ability to articulate clearly the technical needs and to work within an interdisciplinary setting, communicating with other internal/external partners.

We offer

- A fully funded position with a very competitive salary.
- Participate in the building of state-of-the-art translational medicine platform to support clinical projects from national, EU and beyond.
- An opportunity to join the fast-growing Bioinformatics Core Facility group headed by Dr. Reinhard Schneider in the newly created LCSB.
- An exciting international environment.

The university is an equal opportunity employer.

Further Information

For questions, please contact Venkata Satagopam (venkata.satagopam@uni.lu).

Applications (in English) should contain the following documents:

- A detailed curriculum vitae
- Cover letter mentioning the reference number
- List of publications/infrastructure and software projects
- Description of past experience and future interests
- Name and addresses of three referees

Please apply online until **15th July 201.**

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