



# SiSaf Vacancy: Biotechnologist / Cellular or Molecular Biologist Role Description

L'Aquila 20 April 2022

**Applications should be submitted at [bonese@strutture.univaq.it](mailto:bonese@strutture.univaq.it) and should include a detailed CV with a complete list of publications and other relevant achievements.**

**Place of Work: University of L'Aquila, Italy, Department of Biotechnological and Applied Clinical Sciences, via Vetoio, Coppito 2, side B, 1° floor.**

The Biotechnologist / Cellular or Molecular Biologist position is responsible for evaluating genetic engineering and gene therapy outcomes deriving from in vitro/in vivo experiments. Primary responsibilities will be the full understanding of company existing products on gene therapy pipeline as well as the innovation of new products intended for systemic use and related ability of knocking down a specific gene expression using SiSaf technology.

The candidate should be able to initiate, develop and validate specific molecular or cellular laboratory experiments and interpret gathered data, conduct research on cell organization and function, including mechanisms of gene expression, cellular bioinformatics, cell signalling, or cell differentiation and to setup/optimize protocols where appropriate. Other responsibilities include research work and stability testing/evaluation and product data presentations, maintaining accurate laboratory records and data as required by Senior R&D Team.

Biotechnologist / Cellular or Molecular Biologist will be managing the development of multiple projects simultaneously and should be comfortable in a fast-paced multi-tasking environment.

Due to the highly specificity requested by proposed tasks, the applying person should consider as mandatory the full understanding/knowledge of processes for genetic engineering and gene therapy. Selection process will be held in English language and will include up to two interviews via zoom app – **Salary will be discussed with selected candidates during the second interview and will be based on candidate's professional experience.**

**The selected candidate would ideally be familiar/ experienced with the following:**

- Cell Culture / in vitro experiments
- Microscopic techniques
- Molecular Biology
- Gene Expression
- Data Analysis
- RT-PCR
- ELISA assays
- Animal handling / in vivo experiments

**And be able to:**

- Maintain safe and clean working environment by complying with procedures, rules, and regulations.
- Maintain pharmacological knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- Contribute to team effort by accomplishing related results as needed.

**Working hours**

- Usually Mon-Fri, 37.5-hour week.

**Selection criteria**

- Master's degree in Biotechnology, Biology, Pharmacy, Veterinary, Medicine or other Life Science courses
- Knowledge of genetic disorders
- Knowledge of Common IT Operating Systems e.g. Windows/Macintosh, as well as Android/Apple Systems and related writing/calculations/statistical software. A short description of Master thesis and previous scientific achievements during the interview will be much appreciated.

**Desirable**

- Master thesis in Biotechnology, Cellular or Molecular Biology or Biochemistry
- Experience in working with skeletal diseases

**Skills**

- Excellent communication skills
- Ability to work with others in a multidisciplinary team
- Accuracy and meticulous attention to details
- Methodical approach to work
- Professional and confident manner
- Willingness to take on a high level of responsibility