

Research Associate, 80-100%

Vector BioPharma AG, a new Basel-based biotech start-up, is recruiting a large team of laboratory technicians and scientists to support the development of gene therapy vectors for a range of applications in pharmaceuticals. We are a technology-driven start-up company providing precision gene delivery solutions that reinvent the way we treat patients. We deploy cutting-edge platform technologies founded in world-class academic research in protein engineering to solve the drug “delivery problem” in a revolutionary new way. We use engineered viral vectors to achieve cell and tissue specific expression of genes and regulators at unprecedented efficacy and safety. We are an international team of scientists, engineers and pharmaceutical professionals committed to excellence in science. We value diversity and inclusion and support our people in their personal and career development. Basel, Switzerland is at the intersection of the Swiss, French, and German borders. The city is well-known for its art, culture, and science, and is regarded as a global hub for the pharmaceutical industry. Our labs are located at Basel’s Technology Park, an established incubator with a proven track record in developing successful biotech start-ups.

Responsibilities:

- Conduct and support experimentation for a range of products related to gene therapy vector or application development.
- Thorough documentation of data, including experimental protocols, raw data, and data interpretation.
- Use of technical equipment, such as chromatography systems, flow cytometers, and cell culture systems as required.
- Preparation of reagents and samples.
- Ability to troubleshoot protocols, SOPs, and/or equipment.
- Good communication and support of project leader and team.
- Presentation of scientific results at team meetings.
- Additional duties as required by the laboratory.

Qualifications:

- M.S. in biology, chemistry, or related field. B.S. and apprenticeship as a laboratory technician with the relevant experience are also welcomed to apply.
- At least 1 year of practical experience working in the fields of molecular biology, biochemistry, gene/cell therapy or related fields.
- Practical experience with mammalian cell culture, molecular biology techniques (ELISA, WB), protein purification, gene therapy vectors, cloning or similar laboratory work.
- Proficiency (e.g., C1 level) in both written and spoken English.
- Must be highly independent, able to work in a fast-growing and highly diverse international team and thrive in a “start-up” environment.
- Highly precise and organized with good scientific documentation and communication skills.
- Good computer skills required (MS Office, Apple hardware). Experience with electronic lab notebook (ELN), molecular biology software, data analysis software, or other laboratory software(s) a plus.

New hires will be recruited on a **rolling basis** starting immediately.

To apply, please send us the application form (careers.ridgeline-discovery.com) together with your **CV, Cover Letter** and **2-3 professional references**.

Senior Research Associate, 80-100%

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Responsibilities:

- Conduct and support experimentation for a range of products related to gene therapy vector or application development.
- Conducts training and support of newly hired research associates.
- Thorough documentation of data, including experimental protocols, raw data, and data interpretation.
- Use of technical equipment, such as chromatography systems, flow cytometers, and cell culture systems as required.
- Preparation of reagents and samples.
- Ability to troubleshoot protocols, SOPs, and/or equipment.
- Good communication and support of project leader and team.
- Presentation of scientific results at team meetings.
- Additional duties as required by the laboratory.

Qualifications:

- M.S. in biology, chemistry, or related field. B.S. and apprenticeship as a laboratory technician with the relevant experience are also welcomed to apply.
- 5-10 years of practical experience working in the fields of molecular biology, biochemistry, gene/cell therapy or related fields.
- Practical experience with mammalian cell culture, molecular biology techniques (ELISA, WB), protein purification, gene therapy vectors, cloning or similar laboratory work.
- Proficiency (e.g., C1 level) in both written and spoken English.
- Must be highly independent, able to work in a fast-growing and highly diverse international team and thrive in a “start-up” environment.
- Highly precise and organized with good scientific documentation and communication skills.
- Good computer skills required (MS Office, Apple hardware). Experience with electronic lab notebook (ELN), molecular biology software, data analysis software, or other laboratory software(s) a plus.

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Scientist, 80-100%

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Responsibilities:

- Conduct and support experimentation for a range of products related to gene therapy vector or application development.
- Contributes to the generation of new experimental procedures and assays, and the writing of technical reports and SOPs.
- Conducts training of research associates and support for the whole team.
- Thorough documentation of data, including experimental protocols, raw data, and data interpretation.
- Participates in multiple simultaneous projects.
- Use of technical equipment, such as chromatography systems, flow cytometers, and cell culture systems as required.
- Preparation of reagents and samples.
- Ability to troubleshoot protocols, SOPs, and/or equipment.
- Good communication and support of project leader and team.
- Presentation of scientific results at team meetings.
- Additional duties as required by the laboratory.

Qualifications:

- PhD in biology, chemistry, or related field with practical experience working in the fields of molecular biology, biochemistry, gene/cell therapy or related fields, or M.S. with 10 years or more relevant experience are also welcomed to apply.
- Practical experience with mammalian cell culture, molecular biology techniques (ELISA, WB), protein purification, gene therapy vectors, cloning or similar laboratory work.
- Proficiency (e.g., C1 level) in both written and spoken English.
- Must be highly independent, able to work in a fast-growing and highly diverse international team and thrive in a “start-up” environment.
- Highly precise and organized with good scientific documentation and communication skills.
- Good computer skills required (MS Office, Apple hardware). Experience with electronic lab notebook (ELN), molecular biology software, data analysis software, or other laboratory software(s) a plus.

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Senior Scientist, 100%

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Responsibilities:

- Performs all duties related to scientific research conducted in the laboratory, including experimental study design, planning, execution, analysis, and reporting.
- Responsible for problem-solving and the development of innovative and pragmatic solutions to scientific and technical challenges.
- Leads the generation of new experimental procedures and assays, and the writing of technical reports and SOPs.
- Conducts training and support of research associates and newly hired scientists.
- Participates in multiple simultaneous projects.
- Leads the establishment of SOPs for use of specialized equipment, such as chromatography systems, flow cytometers, and cell culture systems as required
- Good communication and support of project leader and team.
- Presents scientific data internally to team members, e.g., at project team meetings, and possibly to upper management.
- Opportunity to lead a small team of 1-2 research associates as direct reports.

Qualifications:

- PhD in biology, chemistry, or related field with 5 or more years of practical experience working in the fields of molecular biology, biochemistry, gene/cell therapy or related fields, or M.S. with 15 years or more relevant experience are also welcomed to apply.
- Practical experience with mammalian cell culture, molecular biology techniques (ELISA, WB), protein purification, gene therapy vectors, cloning or similar laboratory work.
- Proficiency (e.g., C1 level) in both written and spoken English.
- Must be highly independent, able to work in a fast-growing and highly diverse international team, and thrive in a “start-up” environment.
- Highly precise and organized with good scientific documentation and communication skills.
- Good computer skills required (MS Office, Apple hardware). Experience with electronic lab notebook (ELN), molecular biology software, data analysis software, or other laboratory software(s) a plus.

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Laboratory Manager, 100%

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Responsibilities:

- Provides organizational support to project leaders and teams.
- Creates and maintains organization systems relevant to research laboratories and activities.
- Sets-up, maintains, and provides instructional training for laboratory management software and databases (including inventory, journals, and SOP management).
- Creates and enforces standard laboratory polices and code of conduct.
- Provides introductions to laboratory, safety, and organizational policies for new hires.
- Regularly consults with group leaders and scientists to best optimize workflows, infrastructure, and layout.
- Troubleshoots laboratory infrastructure-related problems.
- Works with suppliers to setup new equipment and SOPs, schedules regular equipment maintenance, and instructs users on daily maintenance and standard operations.
- Serves as a biosafety officer for the company, including preparation of regulatory paperwork, applying for licenses, serving as a chief contact person for the authorities regarding documentation and audit, and is responsible for the generation, revision, and enforcement of the company biosafety policy.
- Manages and purchases laboratory inventory and equipment.
- Prepares and performs QC on common laboratory reagents.
- Additional duties as required by the line manager.

Qualifications:

- M.S., B.S. or apprenticeship in biology, chemistry, or related fields with 5-10 years of laboratory management experience.
- Experience in a variety of laboratory settings in industry or academia.
- Practical experience with aseptic technique in mammalian cell culture and preparation of sterile reagents required.
- Experience with molecular biology, protein purification, flow cytometry, or cell culture equipment is a plus.
- Proficiency (e.g., C1 level) in both written and spoken English and German, French is a plus.
- Must be highly independent, able to work in a fast-growing and highly diverse team and thrive in a “start-up” environment.
- Highly precise, organized, and able to coordinate organizational matters for a large team of scientists.
- Excellent communication skills.

- Good computer skills required (MS Office, Apple hardware). Experience with electronic lab notebook (ELN), molecular biology software, data analysis software, or other laboratory software(s) a plus.

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