



SCIENTIST, SEQUENCING FARGO, NORTH DAKOTA, USA

OVERVIEW

Genovac Antibody Discovery LLC is seeking a Scientist to join our DNA sequencing team. This individual is a talented, detail-orientated, and results-driven scientist who has experience in the fields of molecular cloning and DNA sequencing using Sanger and NGS technologies. Additionally, the DNA Sequencing Scientist has a good understanding of the antibody discovery workflow, particularly the steps where DNA sequencing is utilized.

RESPONSIBILITIES

- Clone antibody heavy and light chain variable regions from hybridoma and single B cells in preparation for sequencing and recombinant expression
- Use Sanger and Next Generation Sequencing (NGS) platforms to sequence antibody heavy and light chains resulting from discovery campaigns
- Execute antibody repertoire sequencing campaigns, including library preparation and data analysis
- Document experimental design and results in real-time according to site Standard Operating Procedures (SOPs) using the company's Electronic Laboratory Notebook (ELN)
- Contribute to technical communications with Genovac clients, including preparation and delivery of presentations and project reports
- Participate in efforts to identify, evaluate, and implement new sequencing technologies
- Follow laboratory best practices, revise SOPs
- Maintain laboratory equipment and space in good working order
- Other duties as assigned

PREFERRED EDUCATION & EXPERIENCE

Exceptionally talented candidates with relevant experience are encouraged to apply, even if your qualifications do not strictly match those outlined below.

- Associate degree in a relevant field with 4+ years of industry experience
- Bachelor's degree in a relevant field with 2+ years of industry experience
- Master's degree in a relevant field with industry experience

REQUIRED SKILLS

CONTACT US

info@genovac.com
www.genovac.com

EUROPE

Genovac GmbH
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79111 Freiburg im Breisgau, Germany
Tel: +49-(0)761-45636-0

USA & CANADA

Genovac Antibody Discovery LLC
1810 NDSU Research Circle N, Suite B
Fargo, ND 58102, USA
Tel: +1 (701)-551-2770



- Hands-on experience in Sanger sequencing, including sample preparation and data analysis
- Hands-on experience in NGS for antibody discovery, including library preparation and data analysis
- Hands-on experience with sequence analysis software, such as Geneious Biologics or ENPICOM's IGX platform
- Knowledge of antibody sequence analysis, including germline and CDR cluster analysis, is desired
- Knowledge of and hands-on experience with the 10X Chromium / NGS for antibody repertoire sequencing, is desired
- Excellent attention to detail and organizational skills
- Willingness to adapt to changing priorities and to learn new techniques and technologies

In addition to a current resume, all applicants should submit a cover letter that describes their interest in this position and details their relevant qualifications.

Address correspondence to HR@genovac.com.

About Genovac

Genovac is a contract research and manufacturing organization offering advanced antibody discovery and biologic production solutions. Genovac's proprietary immunization technologies, combined with multiple single cell screening technologies, including Bruker Beacon, enable success against the most challenging targets. Since its founding in 1999, Genovac has completed more than 3,600 projects, providing therapeutic antibody drug candidates to clients in North America, Europe, Australia, and Asia. Headquartered in Fargo, North Dakota, Genovac operates discovery and production facilities in Fargo and Freiburg, Germany.

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