
Department: Research
Job Type: Regular/Exempt
Grade/Level:

Job Status: Full Time
Reports To: VP-Research/CSO
Amount of Travel Required: <10%

SUMMARY

Genective, a JV between two leading global seeds companies, Limagrain and KWS, is seeking a result-oriented, science centric **Biotech Data Scientist** to join our growing team in the U.S. The successful candidate will lead the development of an integrated data management platform covering all Genective Research activities in the company. This position reports to the VP-Research & CSO. The primary working location is Genective's global headquarters in Champaign, IL while occasionally working at the research facility in Weldon, IL may be required.

THE POSITION

As a direct report to the VP-Research & CSO, the **Biotech Data Scientist** is accountable for the evaluation, design, development, and administration of a productive Genective Lab Data Management Platform. The **Biotech Data Scientist** will develop a data management strategy and ensure a smooth scaling of all data analysis/data integration/data operation activities of Genective in line with the overall Genective strategy. Proactivity with a strong sense of teamwork as well as efficient and fluid communication are instrumental to thrive in this position.

Essential responsibilities:

- Drive development of a forward-looking data generation strategy, including quality experimental design, robust training datasets, and best practices
- Work across the research organization to turn data into critical information and knowledge for improved process understanding to facilitate data driven decision making.
- Organize data collection in continued compliance with stewardship guidelines through a Laboratory Information Management System (LIMS) and provide user support for the system.
- Effectively manage relationship with consultants assisting with implementation
- Query large sets of structured and unstructured data from disparate sources, clean and validate the data to ensure accuracy, completeness, and uniformity for analysis.
- Establish routine data mining for the Research team.
- Independently develop visualizations to effectively communicate complex analyses in a clear, precise and actionable manner.
- Provide technical assessments based on statistics, data analysis and process knowledge, document findings and communicate to help partners understand and interpret results and recommendations.
- Drive novel insights from large and complex data sets by developing and applying cutting-edge data wrangling and analytics capabilities
- Work proactively with research teams to enhance the interactive feedback between data generation and analytics cycles
- Participate and contribute to project planning, updates, and completion

- Utilize knowledge and expertise to proactively engage members of Genective R&D team to promote an energetic culture of science and community.
- Demonstrate a core desire for continuous improvement through exchange of constructive advice with other scientists regardless of seniority level

Additional Responsibilities

- As requested by the VP-Research & CSO
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QUALIFICATIONS

The successful candidate will possess the following competencies and qualifications:

- Strong critical thinking skills with an appetite for solving complex real-world problems with data science approaches
- Ability to thrive in a fast paced, team oriented, agile, and innovative environment is critical
- Solid understanding of data science best practices and their implementation
- Experience partnering effectively in teams and working independently to implement complex technical solutions
- Excellent communication skills and a passion for cross-disciplinary collaboration
- Demonstrated ability to think creatively, take initiative, learn new technical topics and develop new technical skills quickly.
- Possess excellent oral and written communication skills with ability to communicate complex concepts and data effectively using the appropriate medium in English;
- Experience designing, developing, or maintaining databases or data management systems
- Ability to extract data from heterogeneous sources, perform data QC and transformation using automated tools
- Proven experience with one or more programming languages such as Python, Java, R, and relational databases (SQL).
- Visualization experience (such as SpotFire) is a plus
- Bachelor of Science in Engineering or Science with 2 years of relevant experience, or Master of Science in Engineering or Science.
- Experience in agriculture or plant science industry is a strong plus.

No third-party agencies; principals only. We are currently not providing sponsorship.

THE REWARD

Competitive base salary, bonus, 401(K), medical, dental, long-term disability, and life insurance plans, as well as support programs for fitness, education, and employee referral. Plus, fun and satisfaction working in a high trust, high empowerment, high impact, entrepreneurial environment with a close-knit team.

Find your career and make an impact in a dynamic and informal discovery research environment that is highly collaborative, trusting, and entrepreneurial.

THE ORGANIZATION

About Genective

Genective is a 50/50 joint venture established between Limagrain and KWS, two of the world's largest seed companies. With entities and activities in North America, South America, Europe, and Asia, Genective is currently dedicated to the research, development, and commercialization of transgenic traits for corn.

About Limagrain

As the fourth largest seed company worldwide, Limagrain's mission is to move agriculture forward to meet global food related challenges. Limagrain is a cooperative group founded and managed by French farmers. Its parent company, Coopérative Limagrain, brings together nearly 2,000 farmers located in the center of France. The Group creates, produces and distributes field seeds, vegetable seeds and cereal products. Limagrain is present in 56 countries and has more than 10,000 employees. It makes nearly 2.5 billion Euros of sales with recognized brands on their markets: LG, Vilmorin, Hazera, Harris Moran, Jacquet, Brossard.

About KWS

KWS is one of the world's leading plant breeding companies. In the fiscal year 2021/22 more than 5,000 employees in 70 countries generated net sales of EUR 1540 million and earnings before interest and taxes (EBIT) of EUR 155 million. A company with a tradition of family ownership, KWS has operated independently for more than 165 years. It focuses on plant breeding and the production and sale of seed for corn, sugarbeet, cereals, rapeseed, sunflowers and vegetables. KWS uses leading-edge plant breeding methods to increase farmers' yields and to improve resistance to diseases, pests and abiotic stress. To that end, the company invested EUR 286 million last fiscal year in research and development.

HOW TO APPLY

If interested, please send your cover letter and resume to resumes@genective.com with [**Biotech Data Scientist**] in the subject.