

Department: In Vitro Entomology**Job Type:** Internship**Grade/Level:****Job Status:** Part-Time**Reports To:** IVE Team**Amount of Travel Required:** minimal

SUMMARY

Genective, a JV between two leading global seeds companies, Limagrain and KWS, is looking for a Summer Student Intern for our fast-growing team in the U.S. The In-Vitro Entomology laboratory within Genective is focused on testing potentially insecticidal proteins on multiple insect pests, using diet-based bioassays. We work in concert with protein biochemistry and molecular biology to select, test, and characterize these proteins in the laboratory.

THE POSITION

An internship opportunity is available with the Genective In-Vitro Entomology team. The duration of the internship will be 10 weeks, beginning on May 24, 2021. We seek motivated applicants to join our team for an exciting opportunity for hands-on learning in the field of agricultural entomology and transgenic trait discovery.

This position will be primarily laboratory-based. The intern will be responsible for completing a capstone project throughout the 10-week timeline with the mentorship of a member of the In-Vitro Entomology team. In addition to this project, interns will learn and assist with laboratory duties, including equipment maintenance, conducting in-vitro bioassays using multiple insect pests, and data entry/interpretation. The successful applicant will gain an overview of Genective's trait discovery and development pipeline, including how protein biochemistry, molecular biology, in-planta entomology, and field operations work together to bring products to farmers.

BACKGROUND/PROJECT GOALS:

The goal of the internship project will be to improve and develop the western corn rootworm diet used in in-vitro bioassays. A series of experiments will be conducted to compare methods of diet production and diet quality. The intern, with the guidance of their mentor, will be responsible for collecting and synthesizing data, interpreting results using industry-standard statistical methods, and presenting conclusions to other members of the In-Vitro Entomology team. In addition, the intern will present an overview of the project and the resulting conclusions to the larger Genective scientific team.

QUALIFICATIONS

The ideal candidate will possess the following qualifications:

- The ability to be employed in the state of Illinois, United States.
- Must have completed at least two (2) college courses in the biological sciences, at least one of which included a laboratory component.
- Familiarity with Microsoft Office, specifically basic skills in Excel and PowerPoint.
- Willingness to learn and use basic statistical analysis software (JMP).
- Basic understanding of laboratory practices, including maintaining a clean workspace, using a microscope, proper weighing with analytical balances, using repeating pipettes, and the willingness to learn and practice these skills.
- Ability and desire to gently manipulate very small, delicate living organisms.
- Ability to listen to requests, ask for clarifications, and communicate in a team setting.

THE REWARD

This internship will be paid at a competitive rate. In addition, the successful applicant will get a hands-on look at the trait discovery pipeline in a burgeoning agricultural industry.

THE ORGANIZATION

About Genective

Genective is a 50/50 joint venture 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 dedicated to the research, development, and commercialization of transgenic traits. For more information, visit <http://genective.com> and <https://www.linkedin.com/company/genective>.

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 2017/18 more than 5,000 employees in 70 countries generated net sales of EUR 1,068 million and earnings before interest and taxes (EBIT) of EUR 133 million. A company with a tradition of family ownership, KWS has operated independently for more than 160 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 approximately EUR 200 million last fiscal year in research and development.

HOW TO APPLY

- Submit cover letter and resume to **resumes@genective.com**
- Visit www.genective.com for more details