



Bayer is a global enterprise with core competencies in the Life Science fields of health care and agriculture. Its products and services are designed to benefit people and improve their quality of life. At Bayer you have the opportunity to be part of a culture where we value the passion of our employees to innovate and give them the power to change.

APPLY ONLINE

PostDoc Biochemistry/Molecular Biology (m/f/d)

Your tasks and responsibilities

- Manage a project based on mRNA splicing in plants; in detail characterize and modify RNA splicing events in plant model systems such as Arabidopsis or Nicotiana
- Independently design and establish novel assays for evaluating splicing modulation for agrochemical applications
- Evaluate and implement preliminary steps for further high-throughput in-vitro screening on developed assays
- Keep awareness of scientific developments in this field, plan experiments, evaluate, interpret, present and publish scientific results
- Actively interact with bioinformaticians, structural modelers, chemists, biochemists and biologists in an interdisciplinary life science project across Bayer divisions (Crop Science and Pharmaceuticals) and sites

Who you are

- PhD in molecular biology, biochemistry, chemical biology or a related discipline with a strong background in molecular biology, protein biochemistry and cell biology techniques
- Experience in molecular biology methods (genetic analysis, qPCR, plant transformation) and biochemistry (protein-RNA interaction analysis, protein purification, synthetic biology); knowledge in analytics is an advantage
- Experience with plant model systems and plant tissue culture is helpful
- Knowledge in mRNA metabolism, RNA processing, RNA sequencing (NGS) and ideally previous experience in working with chemical probes is an advantage
- Excellent communication and presentation skills and ability to work in interdisciplinary teams
- Being open-minded and challenging the status quo paired with high problem-solving capabilities
- Fluent in English both, spoken and written, basic knowledge of German is an advantage

This is a fixed-term contract for 24 months, starting January 1st, 2020.

Your application

Are you looking for a new challenge where you can show your passion for innovation? Are you interested in working as part of a global team to improve people's lives? Then send us your online application including cover letter, CV and references.

Bayer welcomes applications from all individuals, regardless of race, national origin, gender, age, physical characteristics, social origin, disability, union membership, religion, family status, pregnancy, sexual orientation, gender identity, gender expression or any unlawful criterion under applicable law. We are committed to treating all applicants fairly and avoiding discrimination.

Country: Germany

Location: Frankfurt

Reference Code: 62921

Functional Area: Biochemical R&D

Entry Level: Job Starter (m/f)