Job posting

Type of position
☑️ scientific
☐ administrative

Target group
☐ graduates
☑️ post docs
☐ other

Title
RESEARCH SCIENTIST (F/M/D)
AGRICULTURAL SCIENCE

Institution
RESEARCH AND DEVELOPMENT
FROM IDEA TO PROTOTYPE

Our institute ranks among the largest and most modern institutions in the field of low-temperature plasmas worldwide. In an international working environment, we conduct socially relevant research within our core areas Materials & Energy, Environment & Bioeconomy as well as Hygiene & Health. Currently the INP employs about 200 scientists and staff at three locations (Greifswald, Rostock and Karlsburg).

For further information, please visit our website at www.leibniz-inp.de.

Position
The Research Program “Agriculture, Biomass & Decontamination” is looking to strengthen its expertise in “Plasma Agriculture” by recruiting for the location in Greifswald, starting from January 1, 2023, an enthusiastic candidate for the position of a

RESEARCH SCIENTIST (F/M/D)
AGRICULTURAL SCIENCE

Fixed term contract for a minimum of 24 months / Full-time appointment (40 hours/week) / Target salary: TV-L E13

Responsibilities
Your field of activity:
The focus of the research group “plasma agriculture” is the development and investigation of plasma-based approaches to increase germination of seeds, support the growth of crops and enhance their stress resilience. The research is conducted by a multidisciplinary team of physicists, engineers, plant biologists, environmental scientists and microbiologists. An understanding of underlying processes with respect to plant growth and development is an essential component in this effort, which should eventually support an introduction of the developed methods into agricultural practice. Therefore, the cooperation with practitioners and industry is pursued. Within this framework,

Your main responsibilities will be:
• Design and implementation of experiments to assess the
effects of plasma treatments on plant growth and development;
• Study of metabolic processes in plants by selection and
application of pertinent methods;
• Analysis, documentation and presentation of findings and
results through scientific publications and conference
contributions;
• Active participation in the scientific discourse and the
development of research questions;
• Communication with academic and industry partners in
different research projects;
• Contribution and initiative in the acquisition of research
projects.

Requirements
• PhD in Agricultural Sciences with specialization in crops (e.g.
crop production, agronomy, or related scientific fields)
• Good knowledge of current practices in crop farming (practical
farm experience is welcome)
• Good knowledge of laboratory methods for the study of plant
development
• Experience in the design and conduct of experiments with
respect to plant growth
• Ideally good knowledge of laboratory methods for the study of
metabolic processes in plants
• Very good language skills in written and spoken English
• Motivation and aptitude for experimental research.

Application procedure (deadline etc.)
Our offer for you:
- Compensation according to collective salary agreement of
Länder (TV-L) including employer contributions to medical and
dental insurance, maternity leave and retirement benefits
- Creative working environment
- State-of-the-art technical facilities
- Networking opportunities at national and international
conferences and in cooperation with national and international
industry partners
- Opportunities for external training
- In-house German course free of charge
- Internal laboratory tours (“What do the colleagues do?”)
- Possibility of designing and implementing own project ideas
- Flexible working hours and home-office offers
- Family Office
- 30 vacation days per year (plus: December 24 and 31)
- Online Sports courses (“Moving break”)
- Staff kitchen

Contact
HOW TO APPLY
Please apply with the common documents (cover letter, CV,
copies of academic degrees and letters of reference) giving the
keyword „0504 Research Scientist Agricultural Science“ -
preferably via our online application form – until December 12,
2022.
Your performance and personality matters regardless of your age, origin, gender, sexual identity, disability or ideology. We look forward to receiving your applications!

The INP wants equal participation of men and women, especially in science. There are many good reasons why it is worthwhile to promote the potential of women specifically. Qualified women candidates are explicitly called to apply. Handicapped applicants will be preferred in case of equal qualification.

CONTACT:
For further information, please do not hesitate to contact Prof. Jürgen Kolb (e-mail: juergen.kolb@inp-greifswald.de).

Please send your applications to*:
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Mrs Gabriele Lembke
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* Unfortunately, we cannot refund any expenses associated with the application or job interview due to budgetary regulations.