Job posting

Type of position

- ☒ scientific graduates
- ☐ administrative post docs
- ☐ other

Target group

- ☒ scientific graduates
- ☐ administrative post docs
- ☐ other

Title

SCIENTIST (F/M/X) MASS SPECTROMETRY

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 and Environment & Health. Currently the INP employs about 200 scientists and staff at three locations (Greifswald, Rostock and Karlsburg).

Position

For our bioanalytics team at the ZIK plasmatis “Plasma-Liquid-Effects” the INP is seeking to hire as soon as possible a proactive and highly motivated

SCIENTIST (F/M/X) MASS SPECTROMETRY

Fixed term contract for 20 months / Full-time appointment (40 hours/week) / Target salary: TV-L/E13

Responsibilities

You are part of a translational research project involving several scientists that addresses the impact of plastic nano- and microparticles on biological systems and their detection in biological matrices. Plastic particles interact with biomolecules, forming a protein or lipid corona. You investigate the dynamics of their formation, restructuration, and role in cellular transport mechanisms. In addition, proteome profiling of human or murine cells and tissues challenged with particles will be part of your task. As a key methodology, you will use high-resolution mass spectrometry and the corresponding downstream bioinformatics pipeline. Your results will integrate into the collaboration with project partners and national/international partners allowing mutual progress.
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### Requirements

- Master of Science in a field of natural sciences related to chemistry and/or analytics
- Experience in using mass spectrometry for research purposes
  – covering both pre- and post-injection pipelines
- A PhD is beneficial but not mandatory
- Broad knowledge in instrumental analytical methods, especially high-resolution mass spectrometry and liquid chromatography
- Flexibility, dedication, detail orientation, team work competency but also ability to work independent
- Experience in working in a multi-project lab environment

### Application procedure (deadline etc.)

**OUR OFFER FOR YOU:**

- Compensation according to the collective salary agreement of Länder (TV-L) including employer contributions to medical and dental insurance, maternity leave and retirement benefits
- Creative work environment
- State-of-the-art technical facilities
- Networking opportunities at national and international conferences and in cooperation with national and international industry partners
- Possibility of designing and implementing own project ideas
- Internal laboratory tours (“What do the colleagues do?”)
- In-house training (e.g. project management, scientific writing, writing project proposals, German language course)
- Flexible working hours and home-office offers
- 30 vacation days per year (plus: 24 and 31 December)
- Sports courses in our institute rooms
- Staff kitchen

**HOW TO APPLY**

Please apply with the common documents (cover letter, CV, references) giving the keyword „0406 Scientist Mass Spectroscopy ZIK-PFE“- preferably via our online application form - until April 18th 2021.

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.

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Contact

For professional information and inquiries, please contact Dr. Kristian Wende (Tel.: 03834-554 3923; e-mail: kristian.wende@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.