Job posting

Type of position
- scientific
- administrative

Target group
- graduates
- post docs
- other

Title
RESEARCHER (F/M/X)
MASS SPECTROMETRY - BIOCHEMISTRY

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).

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

Position
Cold plasmas are heterogeneous phenomena used in clinical settings to treat cancer or chronic wounds. The molecular basis of their effectiveness is not fully resolved yet, but the reactivity of small reactive oxygen and nitrogen species is known to contribute significantly, placing our main research area into the realm of redox biology. To drive the understanding further, we are investigating the introduction of oxidative modifications in lipids by plasma-derived ROS/RNS and their respective impact on membrane structures, functionality, and signalling. You will have access to proven plasma sources, recent research instruments, and profit from national and international collaborations.

For our mass spectrometry team the INP is seeking to hire as soon as possible a

RESEARCHER (F/M/X)
MASS SPECTROMETRY - BIOCHEMISTRY

Fixed term contract (until December 2022) / Full-time or part-time appointment / Target salary: TV-L/E13 (depending on your profile)
Responsibilities
- You will plan and perform experiment on lipid oxidation and use established procedures for sample preparation and measure these with high-resolution mass spectrometry.
- In addition, you will develop the current approach beyond its current limits, focusing high data accuracy and reliability.
- You will learn and develop data analysis strategies using most recent bioinformatics tools.
- In collaborations with colleagues you will investigate the residual functionality of oxidized and potential downstream processes.
- You interact with an interdisciplinary team/collaborators from physicists to medical staff.
- You present your results on scientific conferences and publish them in peer reviewed journals.

Requirements
- University-level qualification (MSc, PhD, or similar) in a life science topic or related fields of natural science
- Background in natural sciences, knowledge/experience in biochemistry of lipids desirable
- Knowledge and experience in instrumental analytics, especially mass spectrometry and liquid chromatography, beneficial
- Experience and/or willingness to adapt bioinformatics tools
- Flexibility, dedication, detail orientation, enthusiasm, team working

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 mobile working offers
- 30 vacation days per year (plus: 24 and 31 December)
- Sports courses in our institute rooms

HOW TO APPLY
Please apply with the common documents (cover letter, CV, references) giving the keyword „0471 Researcher MS Biochemistry“- preferably via our online application form - until March 27th 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 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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* Unfortunately, we cannot refund any of your expenses for applications and job interviews due to budgetary regulations.