are to be occupied. The positions are available starting September, 1, 2020 (the earliest possible date). The employment is initially limited for a period of three years. Based on performance, the position can be extended for another three years. Upon acquisition of own extramural funding, further extension of the work contract is possible. It is a qualification position in the sense of the Act of Academic Fixed-Term Contract (Wissenschaftszeitvertragsgesetz – WissZeitVG), which is to promote the scientific qualification of the employee.

The Institute of Botany focuses on the regulation of iron acquisition and homeostasis in plants (Arabidopsis, transcription factor networks, iron transporter and membrane, protein interactomes, protein regulation and post-translational modification). The methodology involves molecular-physiological and plant genetic studies in combination with cell biology and protein biochemistry.

You can find further information on our website: www.botanik.hhu.de

Your tasks:

• Development and implementation of a research project in the Institute (upon agreement)
• Application of existing methods and implementation of novel approaches in the lab
• Teaching and training of undergraduate and graduate students with contribution in conceptual design of study courses
• Supervision and training of technical staff and undergraduate/graduate students in the lab and conceptual design of student research projects
• Contribution with own expertise to research progress and collaborative projects of the Institute
• Participation in grant writing and acquisition of external funding of the Institute

Your profile:

• University degree (Biology/Biochemistry, M.Sc.,/M.A./Diploma or equivalent) and PhD degree, preferably in plant molecular biology or related fields
• International research experience (preferred)
• Profound knowledge and understanding of molecular biological processes in plants
• In-depth experience and knowledge of methods in plant molecular physiology and genetics in combination with either cell biology or protein biochemistry
• Experience in teaching and/or lab supervision (preferred)
• Experience in research fellowship/ funding application (preferred)
• Excellent communication in English
• German knowledge (preferred for teaching in undergraduate courses)
• Very good writing skills
• High level of motivation and interest in plant science, ethical work attitude, personal responsibility, own initiatives, ability for team work and cooperation within and outside the Institute, strategic thinking and planning

We offer:

• An interdisciplinary and collaborative work environment in plant research with possibility to join a research network as associate scientist and expert member, such as SFB 1208 (membrane research), NEXTplant (plant resource allocation) and/or CEPLAS (Cluster of excellence on plant sciences)
• The possibility to join the Heine Research Academies (HeRA) for further training on career development and networking, to participate in mentoring programs, to obtain additional support in research funding and travel grants
• The possibility, with successful external grant application, to establish an own research team and to achieve a habilitation in the long-term perspective
• Course in "Good scientific practice" (mandatory)
• Family-friendly work hours, support to arrange a family-friendly work situation and during scientific events

The pay scale grouping will be, depending on the personal qualification of the applicant, up to pay grade 13 TV-L.

In principle, the employment can also take place part-time, if no compelling official reasons are opposed in an individual case. Heinrich Heine University Düsseldorf aims at increasing the percentage of employed women. Applications from women will therefore be given preference in cases of equal aptitude, ability and professional achievements unless there are exceptional reasons for choosing another applicant. Applications from suitably qualified severely disabled persons or disabled persons regarded as being of equal status according to Book IX of the German Social Code (SGB – Soziales Gesetzbuch) are encouraged.

Your contact person in case of questions is Prof. Dr. Petra Bauer; email: petra.bauer@hhu.de.

Please submit your application documents as a single PDF file, comprising:

• a motivation letter
citing reference no. 111.20-3.1 until 30.06.2020 by email to botanik.sekretariat@hhu.de with subject line “Postdoctoral/senior scientist, Molecular Plant Biology 111.20-3.1”
• a CV with documented items mentioned under "your profile"
• a 1-2-page summary of current research activities and currently submitted manuscripts
• a 1-2-page summary of a potential future research project and benefits for conducting this research at HHU
• copies of study diplomas and PhD degree
• names of three referees

Heinrich Heine University Düsseldorf
Faculty of Mathematics and Natural Sciences
Institute of Botany
Attn. Prof. Dr. Petra Bauer
Universitätsstraße 1
40225 Düsseldorf

Please do not submit application materials in folders and be sure to send copies only, as documents will not be returned (they will be destroyed after the selection procedure has been completed).

www.botanik.hhu.de