Research Assistant (m/f) "Haploid Technology Grain"

KWS is one of the most venerable and innovative plant breeding companies in the world. For more than 150 years, we have been developing, breeding and selling powerful agricultural species for modern farming. We intentionally concentrate on the product lines sugar beets, maize and grain as well as oilseeds. Our core markets are located in moderate climate zones with a focus on Europe and North America.

We are seeking at the soonest possible time a full-time

Research Assistant (m/f) "Haploid Technology Grain"

at the **PLANTA Angewandte Pflanzengenetik und Biotechnologie GmbH**

in the field for cell service initially limited to three years.

Your tasks and field of responsibiity:

- Independent management of and responsibility for a project for the development of techniques for the production of double-haploid wheat and rye plants from microspore cultures
- Transfer of the technology to a broad genotype spectrum of the individual cultural species
- Establishment of a routine procedure for the production of double-haploid lines for the subsequent integration in the breeding programme

Your profile:

- Degree in biology, agricultural sciences or corresponding studies
- Fundamental knowledge in the field of in vitro plant cultures
- Practical experience with methods for androgenesis and gynogenesis for the induction of haploid plants
- Advanced knowledge of cytochemical staining and microscopy techniques
- Knowledge in the field of greenhouse cultivation of donator plant material for subsequent laboratory processing
- Professional use of MS-Office programs and basic skills in statistics
- Good English skills
- Communication and team skills
- Flexibility and self-starter
- Independent and target-oriented approach

If we have piqued your interest, we look forward to receiving your application. Please use the reference no. below.

Reference no.: **616**

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