

[Tenure] Senior Researcher

Job announcement

KIST Europe Forschungsgesellschaft mbH (www.kist-europe.de) is established in 1996 and located in Saarbruecken, Germany, as an overseas branch of the KIST in Seoul, Korea.

We are seeking for creative and passionate research staffs as below.

Job Description

- **Field 1: Environmental Safety**

We are seeking professional with experience hazard chemical monitoring and extensive knowledge of alternatives to animal testing.

- (1) General toxicity assessments of toxicants can be analyzed by using (bio)indicators e.g. microalgae, Daphnia magna, fish.
- (2) Toxicological mechanisms can be identified in molecular basis by using in vitro system with specific gene activity and metabolomics.
- (3) Regulatory relevance on chemical can be applied to predict toxic effects by using in silico methods. e.g. (Q)SAR, Exposure scenario

This individual will work on environmental pollutants-related research projects, including research design, study bio-monitoring and establish adverse outcome pathways. This position offers significant opportunities for professional growth in environmental issues with the international group.

- **Field 2: Biosensor**

We open a position for environment related projects having assessment and sensing issues. The candidate will conduct research into design and development of probe materials and sensing methods based on molecular recognition that can selectively detect and monitor small organic molecules or biomarkers in complex aqueous solutions at extremely low concentrations, and fabrication of sensor elements using them. Candidates must have an excellent understanding, and preferably direct experience, of one or more of the following areas: selective probe/antigen development, sensing signal transduction mechanism and various data processing.

We open a position for environment related projects having assessment & sensing issues.

Requirements

- Doctoral degree
 - Field 1: Environmental Toxicology /Molecular biology or related field

- * Experience in animal testing for (Aquatic) organisms are advantageous
- Field 2: Chemistry, Material sciences or a related discipline
- At least 2-year experience in related fields
- Excellent verbal and written communication skills in English
- Prefer a person with a good research network
- A team player with good communication skills and organizational competencies
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Documents for Application (English, scanned document as PDF – file size under 10MB)

- Cover Letter (1 Page), Curriculum Vitae
- Recommendation Letters (Field 1: at least 1, Field 2: 3)
- Certificates of graduation & Academic transcript
- Certificates of career, List of research achievements (Publication, project etc.)

Application

- Deadline: August 9th (Fri), until 18:00
- Email to: info@kist-europe.de
- Contact information
 - Field 1: Dr. Young Jun Kim (youngjunkim@kist-europe.de, +49-(0)681-9382-327)
 - Field 2: Dr. Jaeho Lee (jaeho.lee@kist-europe.de, +49-(0)681-9382-332)

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