Postdoc position at National fusion research institute (NFRI) in South Korea

National fusion Research Institute (NFRI), South Korea
*Application deadline: May 24, 2019

A three year postdoc position is currently available at National fusion research institute in Korea.

About the institute
As the leading research institution in the field of fusion energy research and development, the National fusion research institute (NFRI) aims to promote new fusion research and to pioneer develop, and diffuse new fusion technology.

Project description
○ Mechanism of Plant Germination / Growth Enhancement by Plasma treatment
○ Basic study on the mechanism of plant germination / growth by plasma effect
  - Relationship between developmental timing and yield after application of plasma technology
○ Case study of change of phenotype by plasma treatment
  - Model plant (Arabidopsis), crops (sorghum, rice) and horticultural crops (Tomato) under plasma treated water
○ Basic study on effect of plasma treatment on genes including smRNA
  - Identification of mechanisms by molecular and genetic approaches
  - Gene expression pattern in Arabidopsis thaliana and other crops
○ Development of productivity-enhancing crops using yield related gene
  - Characterization of MSD (MULTI-SEED) and MTL (Multi-tiling) genes in sorghum

ad link:
https://nfri.recruiter.co.kr/app/jobnotice/view?systemKindCode=MRS2&jobnoticeSn=9736
https://www.hibrain.net/recruitment/recruits/3171802?pagekey=2&keyword=%EA%B5%AD%EA%B0%80%ED%95%B5%EC%9C%B5%ED%95%A9&listType=D3NEW&pagesize=10&sortType=SORTDTM&limit=25&displayType=TIT&siteid=1&page=1

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