Graduate Students, Post-doctoral Research Scientists
Department of Biotechnology, Yeungnam University, Gyeongsan, Korea

Applications are invited for Graduate Student and Postdoctoral Researcher positions to undertake innovative research in the Department of Biotechnology, Yeungnam University, Republic of Korea (http://www.yu.ac.kr/en/main/index.php). Experience in some or all of the following disciplines are desirable: microbiology (fungi, bacteria), biochemistry, analytic chemistry, or molecular biology. Good oral and written communication skills and ability to work independently and as part of a team are required.

The successful candidates will participate in the following project.

**Project:** Biocontrol of Pine Wood Nematode using Metabolites Isolates from Endophytes of Pine Trees

- Isolation of endophytes (fungi, bacteria) from pine trees.
- Screening of metabolites isolated from endophytes for nematicidal activity
- Isolation and identification of the nematicidal metabolite(s)
- Metabolic profiling using LC-MS-MS.
- Molecular mechanism of the nematicidal metabolite(s) in pine tree

Further information about our research and recent publications can be found at http://pmmelab.wix.com/hanhongbae. Salary will be ~USD 2,000 for postdoctoral researcher per month, and stipend for graduate students. For application, send email to Dr. Hanhong Bae (hanhongbae@ynu.ac.kr) with CV. The positions will be available from March 1, 2015.

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