Applications are invited for Postdoctoral Researcher position to undertake innovative research in the Department of Biotechnology, Yeungnam University, Republic of Korea (http://www.yu.ac.kr/en/main/index.php). The applicant should hold a Ph.D with good international publications. Experience in some or all of the following disciplines are desirable: molecular biology, cell biology, biochemistry or epigenetics. 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 any of the following projects.

Project: Signal Perception and Transduction of Sound Wave in Arabidopsis
- Study on sound wave-mediated epigenetic changes which will include CHIP assay, bisulfite sequencing and small RNA sequencing.
- Role of mechano-channel in sound wave perception which will include patch clamp techniques, FRET mediated cytosolic calcium measurement and mutant studies.
- Metabolic profiling of Arabidopsis using LC-MS-MS.
- Other molecular and cellular biology works.

Further information about our research and recent publications can be found at http://pmmelab.wix.com/hanhongbae. Salary will be ~USD 2,000 per month. For application, send email to Dr. Hanhong Bae (hanhongbae@ynu.ac.kr) with CV and cover letter. The application closing date is on February 10, 2015. The positions will be available from March 1, 2015.

Professor Hanhong (Rino) Bae, Ph.D.
Plant Molecular Metabolic Engineering Lab
Yeungnam University
School of Biotechnology
Biotechnology Building #323
280 Daehak-Ro
Gyeongsan, Gyeongbuk 712-749
Republic of KOREA
Phone: 8253-810-3031 (office), Fax: 8253-810-4769
Email: hanhongbae@ynu.ac.kr
Website: http://pmmelab.wix.com/hanhongbae#!home/mainPage