

Two Young Scientists from DTU Meet the Prime Minister

On September 11th Prime Minister Nguyen Tan Dung had a meeting with seventy young scientists from research institutes, universities and business nationwide. Most were under 35 and have made outstanding achievements, recognized nationally and internationally. Dr. Nguyen Huy Thuan and Dr. Dang Ngoc Toan of Duy Tan University were congratulated for their contributions.



Prime Minister Nguyen Tan Dung meets the scientists

The meeting was held by the Ministry of Science and Technology to recognize scientists for their work to the country's development and defense, in the fields of Technology, Nature, Society, Agriculture, Humanities and Medicine. This was a special opportunity for the government to listen to the aspirations of the scientists and encourage them to continue to dedicate themselves to their research in applying technology to real life situations.



Dr. Le Nguyen Bao, DTU Vice Provost and the two DTU scientists

Dr. Thuan and Dr. Toan are currently working at Duy Tan University's Institute for Research and Development. Their outstanding research achievements are typical. Dr. Thuan has 18 publications (5 at ISI level), won first prize at the 17th Vietnamese Medicine and Pharmacy Conference in 2014 and is now promoter of a project entitled "Biosynthesis and Production Optimization of Flavonoid Glycoside Compounds in E.Coli Using Optimal Experimental Planning Techniques". This is sponsored by IFS in Sweden, and the Nafosted project "Set-up of a Dual Biosynthesis System for Phenol Glycoside Compounds in Genetically Modified E.Coli Bacteria". Dr. Thuan currently supervises students of the DTU Faculty of Pharmacy with their research on flavonoids and on the anti-oxidant and enzyme inhibiting properties of *Stixis fasciculata*, order of Stixaceae, extract. Besides, Dr. Thuan has successfully synthesized five flavonoid glycoside compounds in the laboratory, using molecular biology techniques: myricetin-3-O-rhamnoside, quercetin-3-O-rhamnoside, kaempferol-3-O-rhamnoside, apigenin-7-O-glucoside, and baicalein-7-O-glucoside.

Dr. Toan has published 16 papers in ISI-listed journals and is currently supervising the Nafosted-funded project "Study of Insulation Characteristics, Magnetic Order States and Magneto-Electric Correlation in Electromagnetic Multi-Phase Materials Under High Pressure". He is also developing several lines of research, such as a survey of the properties of magnetic materials under high pressure, and the application of the Raman technique in material analysis.

Dr. Toan said: "I had an excellent opportunity to talk with the government about our expectations and problems conducting research. I also was able to share information and experience with other scientists from all over Vietnam, opening up lines of communication for the future. I would like to thank the DTU Board of Provosts for their continuing support, providing us with necessary facilities and a favourable environment to work hard to prove our abilities and contribute to the development of Vietnam."

(Media Center)