

*August 28 PM (Wed)*  
**Room C3**

## **Young Scientist Lecture I**

Chair: Joong Hyuck Auh, *Chung-Ang University, Korea*

YSL1-1 14:20-14:40

**The Transcriptional Coactivator NT-PGC-1 $\alpha$ , a Short Isoform of PGC-1 $\alpha$ , in the Regulation of Hepatic Gluconeogenesis**

Hee-Jin Jun, *Pennington Biomedical Research Center, Louisiana State University System, USA*

YSL1-2 14:40-15:00

**Neuroprotective Effects of Coffee Phenolic Phytochemicals and Red Wine Flavonols**

Young Jin Jang, *Seoul National University, Korea*

YSL1-3 15:00-15:20

**Targeting the Tumor Microenvironment Using Bioactive Compounds in Foods**

Youngjoo Kwon, *Ewha Womans University, Korea*

Chair: Won-Seok Choi, *Korea National University of Transportation, Korea*

YSL1-4 15:20-15:40

**Effect and Molecular Targets of Myricetin and EGCG on Cancer Development**

Sung Keun Jung, *Korea Food Research Institute, Korea*

YSL1-5 15:40-16:00

**Effects of Natural Compounds on the Improvement of Obesity and Insulin Resistance**

Soon-Hee Kim, *Korea Food Research Institute, Korea*

YSL1-6 16:00-16:20

**A New Candidate Helper for Healthy Liver, Prohibitin 1**

Kwang Suk Ko, *Ewha Womans University, Korea*

YSL1-7 16:20-16:40

**The Source Matters: How Glycoside Composition Influences Bioactive  
Bioavailability and Metabolism**

Jihyun Lee, *University of California, Davis, USA*

YSL1-8 16:40-17:00

**Critical Control Point of Small Intestine Mucosal  $\alpha$ -Glucosidases and “Toggling” of  
Their Activities for Modulating Initial High Glycemic Response from Starch  
Digestion**

Byung-Hoo Lee, *Purdue University, USA*