

Oct 18, 16:50 – 17:50

Hall A

Student Oral Session 1

Chair: Department of Thai Traditional and Alternative Medicine, Monthaka Teerachaisakul

S1 – 1 16:50 – 17:02

Novel Insight of *GRS1* (*Glucoraphasatin synthase 1*) Regulating Biosynthesis of Glucoraphasatin in Chinese Cabbage (*Brassica rapa* L. ssp. *pekinensis*) During Growth and Development

Adji Baskoro Dwi Nugroho, Aditya Nurmalita Pervitasari and Jongkee Kim*

Department of Integrative Plant Science, Chung-Ang University, Anseong, 17546, Korea

S1 – 2 17:02 – 17:14

Stability of Panaxynol and Panaxydol Isolated from *Panax Ginseng*

Gem Stephen Raña and Jaehong Han*

Metalloenzyme Research Group and Department of Plant Science and Biotechnology, Chung-Ang University, Anseong 17546, Korea

S1 – 3 17:14 – 17:26

Simultaneous Determination of Scoparone, Geniposide and Rhein in Rat Plasma Using Ultra-High Performance Liquid Chromatography Tandem Mass Spectrometry: Application Herbal Medicines to Pharmacokinetics Study

Tun-Pin Hsueh^{1,2} and Tung-Hu Tsai^{1*}

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S1 – 4 17:26 – 17:38

FT-IR Microspectroscopy Analysis of Beta-Glucan Structure from Spent Yeast *Saccharomyces cerevisiae* TISTR 5339

Raksmey Thin^{1,2}, Atiya Techaparin¹, Poramaporn Klanrit^{3,4} and Jirawan Apiraksakorn^{1,5*}

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S1 – 5 17:38 – 17:50

Properties of Cellulose Extracted from Banana (Kluai Namwa) Peel

Konlarat Phirom-on^{1,2} and Jirawan Apiraksakorn^{2,3*}

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