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# IBS 2012

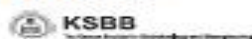
15<sup>th</sup> International Biotechnology Symposium and Exhibition

**September 16 (Sun) - 21 (Fri), 2012**

**EXCO, Daegu, Republic of Korea**

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**Marilyn Sumayo, Choong-Min Ryu, Sa-Youl Ghim**
- P-55-0079 Isolation and characterization of plant growth-promoting rhizobacteria from Dok-do island as inducers of systemic resistance in pepper against gray leaf spot disease  
**Jin-Soo Son, Marilyn Sumayo, Hyun-Uk Kang, Sa-Youl Ghim**
- P-55-0080 Influence of composition of intracellular polyhydroxyalkanoates on PAO metabolism change under strictly aerobic condition  
**Tadashi Nittami, Masayuki Mukai, Keisuke Uematsu, Kanji Matsumoto, Masafumi Fujita**
- P-55-0081 Evaluation of the dominant lactic acid bacterial diversity during forage sugarcane fermentation  
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**Tae Wook Kim, Young Oh Shin, Jeong Beom Lee, Young Ki Min, Hun Mo Yang**
- P-55-0083 Antimicrobial applications of gel-embedded silver nanoparticles synthesized using phytoconstituents  
**Chandra Prabha M N, Ahalya N**
- P-55-0084 Biosynthesis of Au nanoplatelets using antioxidant ferulic acid  
**Yu-Lim Ko, Sneha Krishnamurthy, Yeoung-Sang Yun**
- P-55-0085 Natural resistance of horse-chestnut (*Aesculus hippocastanum* L.) to horse-chestnut leaf miner larvae (*Cameraria ohridella*) – cause of resistance and multiplication of a resistant genotype  
**Helena Vlačinová, Jana Šedivá, Emil Švajdlenka, Petr Babula, Josef Mertelík, Kateřina Kloudová, Ladislav Havel**
- P-55-0086 Expression and characterization of recombinant carbonic anhydrase from *Hydrogenovibrio marinus*  
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- P-55-0087 Characterization of recombinant carbonic anhydrase from sea anemone  
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- P-55-0088 Gene expression of Anx3 in Pb-treated *Nicotiana tabacum* using a real-time RT-PCR  
**Phang Ing Chia, Mohd Afiq Nawi, Nurhayati Razak, Nor Adibah Ismail, Arokia Raj Pappusamy**
- P-55-0089 Structural identification of antifungal lipopeptides secreted from *Bacillus subtilis* HM1  
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- P-55-0090 Isolation and characterization of bacteria as a potential agent of *Ganoderma boninense*, the causal agent of basal stem rot of oil palm  
**Seung Bum Kim, Jung Woo Seo, Chul Ho Kim**