

**Tue(3)-P-254****LRR37A2 and SNORD42B methylation analysis in gastric cancer tissues using next-generation sequencing**

Fernanda Wisniewski¹, Leonardo Caires Santos¹, Mariana Ferreira Leal¹, Jaqueline Geraldine Cruz¹, Ana Carolina Anauate Pereira¹, Danielle Queiroz Calcagno², Carolina Oliveira Gigeck¹, Elizabeth Suchi Chen¹, Samia Demachki², Ricardo Artigiani³, Paulo Pimentel Assumpção², Laércio Gomes Lourenço⁴, Rommel Rodríguez Burbano⁵, Marília Cardoso Smith¹
¹Morphology and Genetics, UNIFESP, Brazil, ²Nucleu of Research in Oncology, UFPA, ³Department of Pathology, UNIFESP, ⁴Department of Surgical Gastroenterology, UNIFESP, ⁵Human Cytogenetics Laboratory, UFPA

Tue(3)-P-255**A fluorescence polarization-based method with methyl-sensitive one-label extension for quantification of single CpG dinucleotide methylation**

Cunyou Zhao, Shufen Li, Zhongju Wang, Lin Zhou, Fu Luo
Department of Medical Genetics, Southern Medical University, China

Tue(3)-P-256**Comprehensive methylation microarray analysis for placental genomic DNA in abruption cases**

Jun Konno, Akizawa Yoshika, Ogawa Masaki, Matsui Hideo
Obstetrics and Gynecology, Tokyo Women's Medical University, Japan

Tue(3)-P-257**Maternal undernutrition alters DNA methylation profiles in rat embryonic kidney**

Mariko Hida
Neonatology, Yokohama Rosai Hospital, Japan

Tue(3)-P-258**The epigenetic impact of a 6 month lifestyle intervention programme on women aged 18-40**

Michelle C Thunders, Victoria Chinn, Rachel Page
College of Health, Massey University, New Zealand

Tue(3)-P-259**Skewed pattern of X chromosome inactivation in Brazilian women without familial history of X-linked intellectual disability**

Silviene F de Oliveira^{1,2}, Diana LM Brandao², Aline PicTaylor^{1,2}, Juliana F Mazzeu³
¹Genética e Morfologia, Universidade de Brasília, Brazil, ²Programa de Pós-graduação em Biologia Animal, Universidade de Brasília, ³Área de Clínica Médica, Faculdade de Medicina, Universidade de Brasília

Tue(3)-P-260**Functional analysis of Xist long noncoding using mouse artificial chromosome (MAC)**

Daigo Inaoka¹, Naohiro Sunamura¹, Miki Kataol Yuji Nakayama², Mitsuo Oshimura³, Hiroyuki Ku¹
¹Department of Biomedical Science, Institute of Regenerative Medicine and Biofunction, Graduate School of Medical Science, Tottori University, Japan, ²Division of Functional Genomics, Research Center for Bioscience and Technology, Tottori University, Japan, ³Chromosome Engineering Research Center, Tottori University, Japan

Health Services Research**Tue(3)-P-261****Breast cancer, genetics or bad karma: Memories and experiences of Thai women living with breast cancer in southern Thailand**

Pranee Liamputtong¹, Dusanee Suwankhong²
¹Public Health, La Trobe University, Australia, ²Public Health, Thaksin University

Tue(3)-P-262**Breast Cancer and Genetical Belief: Barriers to Screening Programmes amongst Thai Migrant Women in Australia**

Dusanee Suwankhong¹, Pranee Liamputtong²
¹Public Health, Thaksin University, Thailand, ²Department of Public Health, School of Psychology & Public Health, College of Science, Health & Engineering La Trobe University, Bundoora, Victoria, Australia

Tue(3)-P-263**The relationship between the social competence of children and adults with Down's syndrome and caregivers' burden**

Kanako Morifuji¹, Hideyuki Nakane², Tatsuro Kodaiki Akira Imamura⁴
¹Department of Nursing, Nagasaki University Graduate School of Biomedical Sciences, Japan, ²Department of Psychology, Rehabilitation Sciences, Unit of Rehabilitation Sciences, Nagasaki University Graduate School of Biomedical Sciences, ³Division of Developmental Disability, the Misakaenosei Mutsumi Developmental, Medical and Welfare Center, Nagasaki, Japan, ⁴Department of Neuropsychiatry, Unit of Translational Medicine, Nagasaki University Graduate School of Biomedical Sciences

Tue(3)-P-264**CD44, ALDH1, E-cadherin and Snail gene expression analysis in ameloblastoma**

Chong Huat Siar¹, Zainal Ariff Bin Abdul Rahman Nurharnani Binti Harun², Hidetsugu Tsujigiwa³, Hitoshi Nagatsuka⁴, Kok Han Ng⁵
¹Oro-Maxillofacial Surgical and Medical Sciences, University of Malaya, Malaysia, ²Department of Oral & Maxillofacial Diagnostics & Medicine, MARA University of Technology, ³Department of Life Sciences, Okayama University of Science, ⁴Department of Oral Pathology and Medicine, Okayama University, ⁵Unit of Stomatology, Institute for Medical Research