



Australia Society for Biochemistry and Molecular Biology Conference 2019
1 - 3 October 2019
Esplanade Hotel Fremantle by Rydges

TUESDAY 1 OCTOBER 2019

Sirius Room

Poster Presentations - Drug Discovery, Gene Editing and Other

5:00pm - 5:06pm

Effects of ethanolic extracts of leaf, seed and fruit of *Datura metel* L. on kidney function of male albino rats

Chinedu Imo

5:06pm - 5:12pm

Oleoyl-lysophosphatidylinositol mimics as novel GLP-1 releasing agents

Silvano Paternoster

5:12pm - 5:18pm

Combination of nutraceutical compounds as a promising approach for Alzheimer's disease preventive therapy

Dona Jayatunga

5:18pm - 5:24pm

Specific Combinations of Presenilin 1 Protein Regions Are Required for Differential Cleavage of Amyloid Precursor Protein and Notch1 Receptor

Melissa Eccles

5:24pm - 5:30pm

Structural basis of nucleoside selectivity in *Aspergillus fumigatus* nucleoside diphosphate kinase

Stephanie Nguyen

5:30pm - 5:36pm

Towards introducing sgRNAs to *Nicotiana tabacum* plants expressing Cas9

Anindita Chakraborty

5:36pm - 5:42pm

Cell lineage specific opposing role of p120-catenin as an oncogene and tumor suppressor

Pamali Fonseka

5:42pm - 5:48pm

Plasma thiol proteins as biomarkers of oxidative stress

Nguyet (Marisa) Duong

5:48pm - 5:54pm

Assessing the relationship between non-canonical DNA structures, Imotifs and G-quadruplexes, at different stages of the cell cycle in breast cancer

Kelly Irving

5:54pm - 6:00pm

Questions



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THURSDAY 3 OCTOBER 2019	
Sirius Room	
Poster Presentations - RNA Biology	
5:00pm - 5:06pm	<p style="text-align: center;">βIII-tubulin promotes activation of the PI3K/AKT survival pathway in non-small cell lung cancer by modulating expression of the tumor suppressor PTEN Simon Brayford</p>
5:06pm - 5:12pm	<p style="text-align: center;">The Adaptor Protein Alix is Involved in the Interaction Between the Ubiquitin Ligase NEDD4-1 and its Targets, ABCG1 and ABCG4 Amjad Alrosan</p>
5:12pm - 5:18pm	<p style="text-align: center;">Developing a FRET based RNA biosensor. Brady Johnston</p>
5:18pm - 5:24pm	<p style="text-align: center;">Development of a Paraspeckle Biosensor to Sense Cellular Stress Finn McCluggage</p>
5:24pm - 5:30pm	<p style="text-align: center;">Investigating the RNA Binding Specificity of Drosophila Behaviour/Human Splicing Proteins Yee Seng Chong</p>
5:30pm - 5:36pm	<p style="text-align: center;">Exploring three KH domains of hnRNPK in complex with single-stranded nucleic acids Brian Le</p>
5:36pm - 5:42pm	<p style="text-align: center;">Structural studies of SFPQ and SFPQ/NONO-nucleic acid complexes Heidar Koning</p>
5:42pm - 5:48pm	<p style="text-align: center;">Identifying and Characterising Catalytically Active RNA Editing Factors from Plants Farley Kwok van der Giezen</p>
5:48pm - 5:54pm	<p style="text-align: center;">The effects of Millimetre Waves in Human Astrocytes Nicholas Lawler</p>
5:54pm - 6:00pm	<p style="text-align: center;">Assessing the relationship between RNA G-quadruplexes and the RNA-binding protein, FUS, in an in vitro model of Alzheimer's Uditi Bhatt</p>