Program of the Annual Auditory Neuroscience Workshop  
1st December 2018, Brisbane

8.00 - 9.00  **Registration**  
Chislehurst Room, The Women's College UQ campus St. Lucia

9.00 - 9.10  **Welcome**  
Helmy Mulders

9.10 – 9.55  **Session 1 Invited Keynote Address**  
Chair: Professor Gary Housley

Dr. Zhiyong Liu  
Mouse Models of hearing Loss: Simultaneous zygotic inactivation of multiple genes in mouse through CRISPR/Cas9-mediated base editing

9.55 - 10.25  **Morning tea**

10.25 - 12.05  **Session 2**  
Chair: Dexter Irvine

10.25 - 10.45  Rob Shepherd  
Chronic Intracochlear Electrical Stimulation At High Charge Densities Results In Platinum Dissolution But Not Loss Of Neurons Or Function

10.45 - 11.05  Alexander Thompson  
Effect Of Long Term Exposure To ITD Cues On Processing Of Binaural Cochlear Implant Input

11.05 - 11.25  Christopher Pastras  
Assessment Of Utricular Nerve, Hair Cell And Mechanical Function, *In Vivo*.

11.25 - 11.45  Daniel Brown  
Chronic Endolymphatic Hydrops After Antigen Injection Into Scala Media

11.45 - 12.05  Alison Cook  
Measurement Of Slow Nanometer Movements In The Living Inner Ear

12.05 - 13.05  **Lunch**

13.05 - 14.45  **Session 3**  
Chair: Helmy Mulders

13.05 - 13.25  Karolina Kluk  
Effects of noise exposure on young adults with normal audiometric hearing

13.25 - 13.45  Kiera Grierson  
The effect of rearing CBA mice in low level white noise

13.45 - 14.05  Jack Zimdahl  
High-Frequency Repetitive Transcranial Magnetic Stimulation over the Prefrontal Cortex in a Guinea Pig Model of Tinnitus

14.05 - 14.25  Bazil. Razi  
Developing An Experimental Model Of Auditory Neuropathy

14.25 - 14.45  David McAlpine  
Auditory neuropathy

14.45 - 15.15  **Afternoon tea**

15.15 - 15.45  Elaine Wong  
Deciphering the roles of *Six1* in Human progressive hearing loss

15.45 - 16.05  Niliksha Gunewardene  
Effect Of Epigenetic Modifications On Hair Cell Fate Determination In The Inner Ear

16.05 - 16.25  Jenni Cederholm  
Contribution Of The Cochlear Amplifier To Noise-Induced Purinergic Hearing Adaptation

16.25 - 16.45  Jacqueline Ogier  
Inhibition of Apoptotic Signal Regulating Kinase 1 (ASK1): A potential strategy for the prevention of acquired hearing loss

16.45  Closing remarks  
Don Robertson

19.00 Workshop Dinner-The Charming Squire