



## **ANS Meeting Adelaide 2019 - Call for Abstracts Information**

### **Abstract Submission Guidelines**

- Abstracts for **Oral Presentations** close on **Wednesday, 31 July 2019**. Abstracts for **Poster Presentations** can be submitted up until **Friday, 22 November 2019**.
- In order for your poster details to be included in the final program book, please ensure you have completed your submission by **Thursday, 31 October 2019**.
- You must register for the conference before you can submit an abstract. Upon completion of your registration, you will be sent a confirmation email with a link to the Abstract Submission portal.
- Abstracts may be submitted under the "oral preferred" or "poster preferred" categories and while every effort will be made to accommodate these preferences the programming committee cannot make any guarantees.
- Multiple abstract submissions per person are allowed but registrants can give only **ONE** oral presentation for the entire conference.
- By submitting your abstract online, authors consent to their abstract being reviewed and published in conference material where appropriate.

### **Abstract Presentation Types**

**Oral presentations** are 15-minutes long in total. Speakers should allow for a 10-minute presentation followed by a 5-minute question period.

Poster presentations should be A0 (841mm wide x 1189mm high) and Portrait Orientation (**not landscape**). Posters that do not fit this format may risk not being displayed.

### **Abstract Submission Process**

All abstracts need to be submitted via the Online Abstract Management system Currinda. Prior to submitting your abstract, you will first need to create a profile in Currinda. This is a simple step and will take less than two minutes to set up.

**You must register for the conference before you can submit an abstract.** Upon completion of your registration, you will be sent a registration confirmation email with a link to the Abstract Submission portal.

The Abstract Submission Portal will allow authors who have submitted an abstract to review and/or update their abstract until the Abstract Submission closing date of **Wednesday 31 July 2019**.

# AUSTRALASIAN NEUROSCIENCE SOCIETY 39th Annual Scientific Meeting

2-5 December 2019

Adelaide Convention Centre, South Australia



## **Abstract Preparation Guidelines**

- Abstracts are to be typed straight into the text field in Currinda. It is recommended that authors have this text ready to copy and paste (ensuring that no formatting carries across).
- Abstracts should cover objective, brief method, key findings and a conclusion.
- Abstract body text must be no more than 250 words – you will be stopped once the text box reaches 250 words.
- Ensure you select one presenting author (only) by ticking the appropriate box in the author list.
- Include the first name, surname and affiliation (institution) of all authors separately.
- Currinda will format your abstract as the example below once you have completed the entire process.

Please ensure you follow all the steps in the process, then click ‘submit’ when you have completed the process. An automatic acknowledgement email will be sent once your abstract submission is complete.

## **ANS Research Themes**

- Autonomic/neuroendocrine systems
- Clinical disorders and injury of the nervous system
- Cognition/learning and behaviour
- Development and regeneration
- Excitability and synaptic transmission
- Glia
- History of neuroscience and neuroscience teaching
- Limbic and other systems
- Memory, emotion, and social behaviour
- Motor systems
- Neuroengineering
- New techniques in neuroscience
- Psychiatric disorders
- Sensory systems
- Other

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**Abstract Template Example** (How your abstract will look once you have completed the submission process)

## GABA PROGENITORS GRAFTED INTO THE ADULT EPILEPTIC BRAIN CONTROL SEIZURES AND ABNORMAL BEHAVIOUR.

Hunt RF<sup>1,2</sup>, Girskis KM<sup>1,2</sup>, Rubenstein JL<sup>2</sup>, Alvarez-Buylla A<sup>2</sup>, Baraban SC<sup>1,2</sup>.

1. Epilepsy Research Laboratory, University of California, San Francisco, California, USA. 2. Department of Neurological Surgery, University of California, San Francisco, California, USA.

Impaired GABA-mediated neurotransmission has been implicated in many neurologic diseases, including epilepsy, intellectual disability and psychiatric disorders. We found that inhibitory neuron transplantation into the hippocampus of adult mice with confirmed epilepsy at the time of grafting markedly reduced the occurrence of electrographic seizures and restored behavioural deficits in spatial learning, hyperactivity and the aggressive response to handling. In the recipient brain, GABA progenitors migrated up to 1,500  $\mu\text{m}$  from the injection site, expressed genes and proteins characteristic for interneurons, differentiated into functional inhibitory neurons and received excitatory synaptic input. In contrast with hippocampus, cell grafts into basolateral amygdala rescued the hyperactivity deficit, but did not alter seizure activity or other abnormal behaviours. Our results highlight a critical role for interneurons in epilepsy and suggest that interneuron cell transplantation is a powerful approach to halting seizures and rescuing accompanying deficits in severely epileptic mice.

### **Abstract Submission Key Deadlines**

- Call for abstracts opens Monday 13 May 2019
- Abstract submission for Oral presentations close Wednesday 31 July 2019
- Submitted oral abstracts can be edited until Wednesday 31 July 2019
- Abstract submission for Poster presentations closes Friday 22 November 2019 (note, in order to be included in the program book the poster will need to be submitted by Thursday 31 October 2019)
- Program released: To be advised