



# **SAN**

**SOCIEDAD ARGENTINA DE  
INVESTIGACIÓN EN NEUROCIENCIAS**

## **Argentine Society for Research in Neurosciences**

**Abstracts of the 2019 Meeting of Argentine Society for Research in Neurosciences**

**XXXIV ANUAL MEETING SAN 2019**

**VILLA CARLOS PAZ**

**CÓRDOBA**

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them brings. We believe that with a clear understanding of the basis of hearing it is possible to understand the importance of taking care of such a vital sensory system and encourage the population to avoid exposure to high sounds and protect themselves.

### **Brain Awareness Week Activities**

#### **P3.-Musical learning**

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Music plays an essential role in human interactions. The harmonic flow of sounds influences directly different brain areas involved in cognitive processes and emotions. Our enthusiastic group organized and offered a dynamic workshop for children between 9 and 10 years old to introduce them to the fascinating world of Neurosciences. We visited 5th grade students in different schools in the city of Mendoza, Argentina. Children were acquainted with basic concepts of the nervous system, neurons and the hearing system. We exposed the connection between sound stimuli and how our brain is capable of interpreting them in order to generate a response accordingly. Students learned how music can help us evoke memories and even affect our mood. Finally, children observed neurons under the microscope and were able to identify different brain areas in whole fixed cow brains. For this purpose, the functional parts of a microscope and basic biosafety precautions were appointed to them. In conclusion, our workshop helped 5th graders come into contact with the exciting world of the brain, making the learning process enjoyable through games and exercises. Our approach proves that music can be an important teaching tool for children, facilitating not only their creativity, but also the uptake and fixation of difficult concepts.

### **Brain Awareness Week Activities**

#### **P4.-The Relator Brain- Short Stories contest about Neuroscience and Life**

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Brain Awareness Week (BAW) is the global campaign to increase public awareness of the progress and benefits of brain research in a weeklong celebration every March. This year, with the financial support of the Sociedad Argentina de Investigación en Neurociencias, we organized and coordinated a Contest of short stories related to the area of neurosciences. The activity was open to the whole community from Argentina, Latin America, and Spain. To participate people had to submit a story (300 words maximum) related to neuroscience and its relation with ordinary life. Dr. Diego Golombek, Senior Investigator National Research Council and the writer Milena Giudice, evaluated 28 stories from the category over 18 years and 4 from category between 10-18 years, choosing a first and second place for each one. The stories could be read on Facebook and the general audience