

**Title: Cognitive Neuroscience: Theoretical and methodological approach**

To be held in both Bucaramanga (April 15<sup>th</sup>-16<sup>th</sup>) and Barranquilla (April 18<sup>th</sup>-19<sup>th</sup>), Colombia.

**Justification**

The idea of implementing an itinerary course in Colombian cities where COLNE is underrepresented is important for brain awareness and advocacy. More recently in Bucaramanga and Barranquilla there has been a growing interest in cognitive and social neuroscience research, which has led us to propose the present course, in order to approach COLNE to the research groups in those cities. The course will be held by national associates and an international speaker, and is aimed to researchers and undergraduate and graduate students in order to engage them into a more active participation in COLNE's congresses and policymakers decisions.

**Organizers**

**George E. Barreto**, M.Sc., Ph.D. President, Colegio Colombiano de Neurociencias (COLNE)

**Marisol Lamprea**, M.Sc., Ph.D. Executive Director, Colegio Colombiano de Neurociencias (COLNE)

**International Speaker**

Olga dal Monte, Psychology Department, Yale University. USA  
Neuroscience of Social Behavior

**National Speakers**

Sara Cadavid Spinha, Universidad del Rosario, Bogotá, Colombia. Neurociencia Cognoscitiva de la Memoria

Jorge Martínez Cotrina, Universidad Externado de Colombia, Bogotá, Colombia. Neurociencia Social

Juan Carlos Caicedo Mera, Universidad Externado de Colombia, Bogotá, Colombia. Estrés y Neurodesarrollo

Jeniffer Ortega Marin, Universidad Nacional de Colombia, Bogotá, Colombia. Metacognición y uso de eye tracking para el estudio de la cognición

**Budget for course to be held in Bucaramanga and Barranquilla**

Air tickers for speakers and organizers (national and international): 1200 euros

2 Fellowships for Latin American students: 300 euros (each)

Lodgings and meals for speakers: 1000 euros

Coffee breaks: 600 euros

Materials, certificates and notebooks: 100 euros

Total requested: 3500 euros

### Cognitive Neuroscience: Theoretical and methodological Approach

**Dates:** April 15th and 16th (Bucaramanga)  
April 18th and 19th (Barranquilla)

<b>Day 1</b>	<b>Title</b>	<b>Speaker</b>
9:00 AM - 10:00 AM	Social subjective value in the primate midbrain	Olga dal Monte Psychology Department, Yale University. USA
10:00 AM - 11:00 AM	Ontogeny of prosocial behaviors	Jorge Martínez-Cotrina Universidad Externado de Colombia
11:00 AM - 11:30 PM	Coffe Break	
11:30 AM - 12:30 PM	STUDENTS PRESENTATIONS AND DISCUSSION	
12:30 PM - 2:00 PM	Lunch	
2:00 PM - 3:00 PM	Triangulation of electrophysiological and ethological techniques for the study of prosocial behaviors	Jorge Martínez-Cotrina Universidad Externado de Colombia, Bogotá, Colombia
3:00 PM -4:00 PM	Use of potentials related to events in cognitive neuroscience: the case of memory	Sara Cadavid Spinha Universidad del Rosario, Bogotá, Colombia

<b>Day 2</b>	<b>Title</b>	<b>Speaker</b>
9:00 AM - 10:00 AM	Stress and neurodevelopment	Juan Carlos Caicedo Mera Universidad Externado de Colombia, Bogotá, Colombia
10:00 AM - 11:00 AM	Our mind tricks us: failures in visual metacognition	Jeniffer Ortega Marín Universidad Nacional de Colombia, Bogotá, Colombia
11:00 AM - 11:30 AM	Coffe Break	
11.30 AM - 12:30 PM	STUDENTS PRESENTATIONS AND DISCUSSION	
12:30 PM - 2:00 PM	Lunch	
2:00 PM - 3:00 PM	Use of primate models for the study of social neuroscience	Olga dal Monte Psychology Department, Yale University. USA
3:00 PM -4:00 PM	Eye Tracking technology: fundamentals and practice	Jeniffer Ortega Marín Universidad Nacional de Colombia, Bogotá, Colombia