



SENC

Sociedad Española de NeuroCiencia

**Fifth
Cajal Winter Conference**

**Neuronal Generation,
Growth and
Degeneration**

March 8-12, 2009
Benasque, Huesca (Spain)

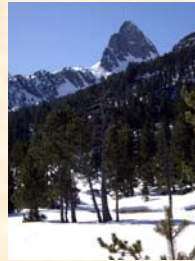
Final Programme

The Sociedad Española de NeuroCiencia (SENC) announces the celebration of the Fifth **Cajal Winter Conference**. The aim of this series of Conferences is to bring together specialists in a given area of Neuroscience, mainly from Spain, to present their recent data and discuss with world leaders in the field on common interests in an open, informal atmosphere.

Committees

SENC

Roberto Gallego, *President*
Carmen Cavada, *President-elect*
Mara Dierssen, *Vice-President*
Laura López-Mascaraque, *Secretary*
Félix Viana, *Treasurer*
Berta González de Mingo
Salvador Martínez
Javier Yajeya



Cajal Winter Conferences

Francesc Artigas, *chair*
Javier Cudeiro
Javier de Felipe
Angel Pazos
Félix Viana



Venue and accommodation

Benasque is a nice mountain village near the highest peak in Pyrenees, Monte Aneto (3404 m) with the ski resort of Cerler at 6 km. The Benasque valley offers unique mountain landscapes and the opportunity for strolling and hiking along many trails as well as visiting interesting ancient houses and churches. The Conference will take place in the Casa de Cultura of the Benasque City Hall, in the center of the village, very close to the hotels. The conference room is equipped with standard projection. The main hotel will be Hotel Ciria (Ave. los Tilos s/n, phone +34 974 551612, fax +34 974 55 10 80; e-mail: hotelciria@hotelciria.com), Dinners for all participants will take place at the Hotel Ciria.



Registration

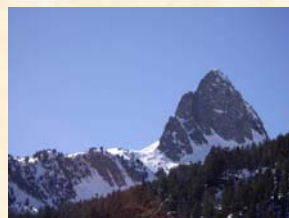
Registration fees include the conference fee for participants (150 €) plus accommodation expenses (including breakfasts and dinners; lunch excluded check-in March 8, check-out March 12). These are as follows (for participants and accompanying persons)

- **Double room, single occupancy: 457 €**
- **Double room: 319 €/person**
- **Triple room: 298 €/person**
- **Quad room (penthouses): 287 €/person**

Thus, the cost for a participant sharing a double room is $319 + 150 = 469$ €. Separate receipts can be made on request for the conference and accommodation expenses. SENC will take care of accommodations only during the conference days. Participants or accompanying persons who wish to stay in the same hotel before or after the Conference must contact Hotel Ciria directly for these extra days (phone 974 551612, fax 974 55 10 80; e-mail: hotelciria@hotelciria.com).

Cancellation

Cancellations made before February 15 will be fully refunded. Those after that date will be refunded by 80%. Cancellation notice should be sent to the secretary of SENC at senc@uam.es.



Conference Programme

Sunday March 8

16:00-20:30 **Registration**

21:00 **Dinner**



Monday March 9

15:15 *F Artigas*. Welcome address

15:30 **Plenary lecture**

Stuart A Lipton. *Transcriptional control of neural differentiation from stem cells: a novel etiology of autism*

16:30 **Plenary lecture**

Pierre-Marie Lledo. *Wiring newborn neurons with mature brain circuits*

17:30 **Coffee break**

18:00 **Oral communications**. *Chair: F. Viana*

18:00 D García González, M Coelho, D Clemente, PF Esteban, N Soussi-Yanicostas, F de Castro. *Roles of FGF2 and Anosmin-1 in the migration and proliferation of SVZ neuroblasts during pre- and postnatal development*

18:30 J Neves, A Kamaid, C Parada, M Chamizo, F Giraldez. *Self-renewal and differentiation of neurosensory progenitors of the ear: convergence of intrinsic and extrinsic signalling pathways*

19:00 S Martinez, M Blanquer, JM Moraleda. *Adult stem cell therapy: dream or reality?*

19:30 **Poster session**

21:00 **Dinner**



Tuesday March 10

15:30 **Oral communications.** *Chair: R. Gallego*

15:30 B Hammerle, J Colonques, J Ceron, G Bieri., E Ulin, FJ Tejedor. *Mnb/Dyrk1A is a multiple regulator of the transition from neural proliferation to neuronal differentiation in CNS development*

16:00 JA Gomez Sanchez, M Lopez de Armentia, R Lujan, N Kessaris, WD Richardson, H Cabedo. *Sustained axon-glia signalling induces Schwann cell hyperproliferation, Remak bundle myelination and tumorigenesis*

16:30 A Martinez-Ferre, S Martinez. *Fgf8 signal regulates the development of the habenular region in the dorsal diencephalon of mammals*

17:00 **Plenary lecture**

Yves Frégnac. *“Noise” and information propagation in sensory cognitive networks*

18:00 **Coffee break**

18:30 **Oral communications.** *Chair: S. Martínez*

18:30 F Martini, M Valdeolmillos. *Directional guidance and nucleokinesis in migrating cortical interneurons*

19:00 M Barzi Dieguez, J Berenger de Felipe, S Pons. *Sonic Hedgehog regulates the proliferation of cerebellar granular neuronal precursors through a peri-ciliar depletion of PKA activity*

19:30 **Poster session**

21:00 **Dinner**



Wednesday March 11

16:00 **Oral communications.** *Chair: R. Trullás*

16:00 I Fernández-del Amo, J Pacheco-Torres, A Montero-Pedrazuela, D Bosch-García, P López-Larrubia, A Guadaño-Ferraz. *Metabolic magnetic resonance studies in the hippocampus of hypothyroid rats: effect of thyroid hormone replacement treatment*

16:30 JLM Madrigal, B García-Bueno, BG Pérez-Nievas, I Gárate, S Zoppi, JC Leza. *Regulation of brain MCP-1 by noradrenaline and glucocorticoids*

17:00 D D'Amico, O Spadoni, M Santos, M Dierssen. *Characterization of the hippocampal microcircuit in a mouse model of panic disorder*

17:30 **Round table:** *Functional relevance of neurogenesis and cell therapy in the adult CNS*

18:30 **Coffee break**

19:00 **Oral communications.** *Chair: A. Guadaño-Ferraz*

19:00 B Barneda-Zahonero, A Miñano, N Badiola, R Fadó, CA Saura, J Rodríguez-Alvarez. *Bone morphogenetic PROTEIN-6 promotes cerebellar granule neurons survival by activation of the MEK/ERK/CREB pathway*

19:30 C Morenilla-Palao, M Pertusa, V Meseguer, H Cabedo, F Viana. *Lipid raft segregation modulates TRPM8 channel activity*

20:00 **Poster session and closing**

21:00 **Dinner**



Poster presentations

Posters must be mounted on the boards on Sunday 8 or Monday 9 and will remain on display during the whole conference. Authors should be at their posters at the end of oral sessions.

Poster size is **90 cm x 140 cm (portrait)**.

P1. B García-Bueno, J Serrats, JC Leza , PE Sawchenko. *Prostaglandins in neuroendocrine and immune systems interaction: role of the antinflammatory pathway L-PGDS/15d-PGJ2/PPARgamma*

P2. CJ Morado-Díaz, ER Matarredona, MA Davis-López de Carrizosa, RR de la Cruz, AM Pastor. *Neural progenitor cell implants in axotomized adult cats*

P3. R Madrid, E de la Peña, T Donovan-Rodriguez, C Belmonte, F Viana. *The Yin and Yang of cold temperature sensing: threshold of cold-thermosensitive neurons is determined by a balance between TRPM8 and Kv1 potassium channels*

P4. N Moreno, L Mendieta, LCR Hernández-Kelly, C Gil, DI Limón, A Ortega, J Aguilera. *Is tetanus toxin the solution of Parkinson's disease?*

P5. J Serrano, AP Fernández, A Martínez, R Martínez-Murillo. *Whole-body periodic acceleration reduces brain damage in a focal ischemia model*

P6. N Mecklenburg, S Martínez. *Cerebellar interneurons and their origin in the mesencephalic vesicle*

P7. M Pons Espinal, M Martínez de Lagrán, M Dierssen. *Adult neurogenesis after environmental enrichment in a single gene mouse model of Down syndrome*

P8. M Enguita, MA Abad, KB Clayton, L Benitez, P Podlesniy, R Trullas. *Role of Neuronal Pentraxin 1 in the intrinsic program of apoptotic neuronal death*

P9. R Fadó, B Barneda, N Badiola, A Miñano, J Rodríguez-Álvarez. *IAPs downregulation induce neurite outgrowth in PC12*

