

## Simposio Internacional: Enfermedades raras endocrinas, de la investigación al manejo clínico

*International Symposium: Rare endocrine diseases, from research to clinical management*

Madrid, 22 y 23 de octubre de 2015

Madrid, October 22-23, 2015

CV

## CARLES GASTON-MASSUET

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### EDUCATION

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2001-2005 PhD in Developmental Genetics, University College London  
Neural Development Unit, Institute of Child Health  
Thesis title: Role of *Zic* genes during neurulation. Professor Andy Copp's laboratory.

1995-1999 BSc Biology, Biomedical Science (Upper 2:1), Barcelona University  
European Socrates Scholarship exchange program at King's College London.

### RESEARCH EXPERIENCE

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2015- Present Senior Lecturer in Genetics & Endocrinology, William Harvey Research Centre.

2013-2015 Early Career Fellow-Lecturer in Genetics and Endocrinology, Centre for Endocrinology, William Harvey Research Institute, Bart's and the London Medical School.

2009- 2012 NIHR Postdoctoral Fellowship: National Institute for Health Research-Biomedical Research Centre Fellowship, Neural Development Unit, ICH, UCL.

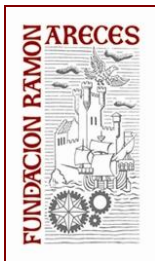
2006-2009 Postdoctoral Research Fellow, Neural Development Unit, Institute of Child Health, University College London, Wellcome Trust.

2001-2005 Graduate student, PhD, Neural Development Unit, Institute of Child Health, University College London.

### SELECTED PUBLICATIONS

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1. Gaston-Massuet, C., McCabe, M.J. The Wnt/b-catenin effector *Tcf3* is required for pituitary development and variant in TCF3 are associated to congenital hypopituitarism and SOD. *Submitted Proceedings of the National Academy of Sciences of the United States of America.*
3. Gregory, L. C., Gaston-Massuet, C., and Dattani, M. T. (2014) The role of the sonic hedgehog signalling pathway In patients with midline defects and congenital hypopituitarism. *Clinical endocrinology.*



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4. Gaston-Massuet, C\*. (2013) Variations in PROKR2, but not PROK2, are associated with hypopituitarism and septo optic dysplasia. *J.Clin.Endocrinol.Metabolism* 98, E547-557 \**Equal Contribution*.
5. Andoniadou, C. L., Gaston-Massuet, C., Martinez-Barbera, J. P. (2012) Identification of novel pathways involved in the pathogenesis of human adamantinomatous craniopharyngioma. *Acta neuropathologica* 124, 259-271.
6. Gaston-Massuet, C\*, McCabe, M. J., and Dattani, M. T. (2011) Novel FGF8 mutations associated with recessive holoprosencephaly, craniofacial defects, and hypothalamo-pituitary dysfunction. *J.Clin.Endocrinol.Metab* 96, E1709-E1718.
7. Gaston-Massuet, C., Andoniadou, C. L. and Martinez-Barbera, J. P. (2011) Increased Wingless (Wnt) signaling in pituitary progenitor/stem cells gives rise to pituitary tumors in mice and humans. *Proceedings of the National Academy of Sciences of the United States of America* 108, 11482-11487.

#### AWARDS AND PRIZES

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#### RESEARCH:

- 2014 British Society of Paediatric Endocrinology Research Award: Targeting prostaglandins ACPs
- 2014 Barts & The London Cancer Charity: Chemoprotective effect of Cox2-Selective NSAIDs.
- 2013 Outstanding research abstract, American Endocrinology Society Annual Meeting, San Francisco.
- 2013 Society for Endocrinology Young Endocrinologist Basic Science Prize
- 2013 Early Career Prize, Society for Endocrinology.
- 2012 Best poster of the European Society of Endocrinology, Florence.
- 2011 Outstanding research abstract from the American Endocrinology Society Annual Meeting, Boston.
- 2010 Best basic science abstract award from the British Society of Paediatric Endocrinology.
- 2010 Henning Anderson Prize for best basic science from European Society of Endocrinology.