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

EDUCATION

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

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

2013-2015 Early Career Fellow-Lecturer in Genetics an 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

1. Gaston-Massuet, C., McCabe, M.J. The Wnt/b-catenin effector *Tcf3* is required for pituiary 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.*

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

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..