

CiQUS Lecture



New targets for obesity treatment: hypothalamic AMPK

Prof. Miguel López

NeurObesity Group – CiMUS. University of Santiago de Compostela



Center for Research
in Molecular Medicine and
Chronic Diseases



UNIVERSIDADE
DE SANTIAGO
DE COMPOSTELA

More Info: [Lecturer web page](#)



Wednesday, November 10, 2021
11:45 a.m. CiQUS Seminar Room & Zoom Session

FONDO EUROPEO DE DESENVOLVEMENTO REGIONAL
 PO FEDER Galicia 2014-2020 – *Unha maneira de facer Europa*

NeurObesity Group website: <https://www.usc.es/cimus/en/research/research-groups/neuroobesity>

Prof. Miguel López – Short CV:

Miguel López, PhD

Spanish born: 1973

- Dr. Miguel López received his PhD in Molecular Biology (2002) from the University of Santiago de Compostela (USC, Spain) and made his postdoctoral training (2002-2006) in the Department of Clinical Biochemistry in the University of Cambridge (UK).
- Currently, he is Associate Professor in Department of Physiology of USC and he leads the NeurObesity Group in the Research Centre of Molecular Medicine and Chronic Diseases (CiMUS) of that institution.
- Since the beginning of his PhD, he has focussed his research on the regulation of energy balance and obesity, with his current interest on hypothalamic energy sensors (particularly AMPK) and thyroid hormones in the modulation of energy balance and metabolism.
- He has published 231 peer-reviewed papers (average impact factor: 7.3). His Hindex is 67 and his work has been cited nearly 15,000 times.
- He is serving/has served on the editorial board of Endocrinology, Journal of Molecular Endocrinology, Journal of Endocrinology, Molecular Metabolism, several Frontiers journals and PLoS ONE, and as a reviewer for several international biomedical journals and funding agencies. He is Collaborator of the Biomedical Area (Physiology Subarea) of the State Research Agency (AEI, Spain).
- He has received the following awards:
 - Basic Research in Obesity of the Spanish Society of Endocrinology (2006 and 2009)

- Young Investigator Award of the European Association for the Study of Obesity (2008; first Spanish citizen to be awarded with that price)
 - Basic Research in Obesity of the Spanish Society for the Study of Obesity (2009)
 - Award on Neuroendocrinology of the Spanish Society of Endocrinology (2012)
 - Constantes y Vitales Award (2016)
 - European Journal of Endocrinology Prize of the European Society of Endocrinology (2017)
 - Young Basic Research Excellence Award of the European Society for Clinical Investigation (2018)
 - European Thyroid Award of the European Thyroid Association (2018)
 - Jens Sandahl Christiansen Award of the European Society of Endocrinology (2019)
- He has been PI of 19 national and international grants, among them an ERC Starting Grant. As PI he has got around 8 million euros (2006-).
- He has supervised 14 Master Thesis and 18 PhD Thesis (1 pending to defend).
- He teaches Endocrinology in the School of Pharmacy of USC and Comparative Physiology in the School of Biology of USC.