

CURRICULUM VITAE resumé

Miguel Rubio-Godoy

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SCIENTIFIC BIOGRAPHY

Miguel Rubio-Godoy did his basic studies at the Swiss School in Mexico City. Between 1989 and 1993, he studied a BSc in Basic Biomedical Research at the Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México (UNAM), graduating with honours in 1994. During his BSc, he participated in research projects dealing with different topics, all of which generated peer-reviewed articles: the biochemistry of the regulation of extracellular enzyme production in bacteria from the genus *Streptomyces*; molecular biology of the same genus *Streptomyces*, trying to clone the gene coding for resistance to the antibiotic mitomycin C; and studies of the host-parasite interaction between mice and pigs, and the cestodes *Taenia crassiceps* and *T. solium*. From 1994 to 1995, he worked as clinical research coordinator at Sandoz de México, SA de CV; during this period he co-authored 4 peer-reviewed clinical papers. In 1999, he obtained scholarships from the Mexican National Council for Science and Technology (CONACYT) and from the Committee of Vice-Chancellors and Principals, Universities UK, to undertake postgraduate studies at the School of Biological Sciences, University of Bristol. There he studied for an MSc and a PhD under the supervision of Professor Richard C. Tinsley, successfully passing the MSc viva in October 2000 and the PhD viva in February 2004. His postgraduate work dealt with the host-parasite interaction between trout and the monogenean worm *Discocotyle sagittata*; his research involved both field and lab-based work and led to presentations in several international conferences and to 10 peer-reviewed papers. He did post-doctoral stays at the University of Bristol (supported by a fellowship from Fondation Murana, Switzerland) and at the London School of Hygiene and Tropical Medicine, where he was hired as an advisor to research the probable evolutionary history of disgust; data obtained during the latter originated a publication on the subject.

In January 2005, he obtained the position of Titular Researcher at the Instituto de Ecología, A.C. (INECOL), where he initiated the research topic of fish immunoparasitology. He obtained tenure on October 2008 and was appointed INECOL's Academic Secretary from March 2011 to May 2013. To date, he has established research lines on the host-parasite interaction between wild fish, trout and tilapia, and monogenean worms from the genera *Gyrodactylus*, *Cichlidogyrus* and *Neobenedenia*; started a multidisciplinary group working with tilapias in collaboration with researchers at the Centro de Enseñanza, Investigación y Extensión en Ganadería Tropical, UNAM, and the Acuario de Veracruz; obtained grants for ca. 1.9 million Mexican pesos from various funds to support his research; directed the theses of several Bsc and Msc students, and served on the academic committee of PhD students; and presented the results of his work in several international conferences. Since his incorporation to INECOL, Dr. Rubio-Godoy has been distinguished as National Researcher level I (Sistema Nacional de Investigadores (January 2006-December 2012) and level II (January 2013-December 2016); and invited to talk to a select committee in Congress on the relevance of funding to research in science and technology (February 2006); to contribute a review on his discipline to a specialist, edited book with

international circulation (October 2007); to act as convenor/chairman at both the 11th International Congress of Parasitology (Scotland, 2006) and the 7th International Symposium on Fish Parasites (Italy, 2007); and nominated Member of the Scientific Consultant Committee, Interministerial Council for Genetically-Modified Organisms (Mexico, 2008). Dr. Rubio-Godoy has evaluated grant applications for several foundations (Ciencia Básica CONACYT, Fondo Mixto Veracruz, Fundación Produce Veracruz, PAPIIT UNAM, Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo (CYTED), Czech Science Foundation) and has peer-reviewed articles for various international scientific journals (Aquaculture, PLoS ONE, Journal of Biomedicine and Biotechnology, Folia Parasitologica, Experimental Parasitology, Veterinary Parasitology, Infection Genetics and Evolution, among others).

Dr. Rubio-Godoy is a member of the American Society of Parasitologists since 1994, and the International Council of Museums (UNESCO) since 1998.

In parallel to his academic career, Dr. Rubio-Godoy has actively engaged in popular science, an activity which has won him the 3rd prize on the 1st contest of written science convened by SOMEDICYT, CONACYT and UNAM (1995), the 1st prize for journalism on life sciences convened by Club Primera Plana – Novartis (2000), as well as invitations to contribute several sections of the CD-ROM “Window on Life”, distributed with The Sunday Times, UK (2003), and to act as natural history lecturer on Patagonia and Antarctica on board the vessels MS Nordkapp (2005-6) and MS Fram (2007-13).

SCIENTIFIC PRODUCTIVITY*

In summary, Miguel Rubio-Godoy is a National Researcher (level II) and to date has produced:

- 29 peer-reviewed articles (which have received 150+ primary citations citations)
- 3 contributions to specialist, edited books
- 1 parasitology manual for aquaculture producers
- 1 popular science book for children
- 1 book recopiling popular science articles
- 25 lectures by invitation to national and international meetings
- 27 contributed presentations in national and international conferences
- 100+ popular science articles

- 5 research projects funded by a total of \$1'935'437.18
- 3 infrastructure projects funded by a total of \$9'742'500.00

* for details, please see: <http://www.inecol.edu.mx/personal/index.php/biologia-evolutiva/11-miguel-rubio>

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