



Lluís Montoliu (Barcelona, Spain, 1963) graduated in Biological Sciences (1986) and obtained his PhD in Molecular Genetics (1990) at the University of Barcelona. Currently, he is a Research Scientist of the Spanish National Research Council (CSIC) and established his laboratory at the National Centre for Biotechnology (CNB), where he is Deputy Director, in Madrid (Spain) since 1997, after two postdoctoral periods in Heidelberg (German Cancer Research Center, 1991-1995) and Barcelona (Autonomous University of Barcelona, 1995-96). Since 2007 he was also appointed researcher at the Spanish Research Initiative on Rare Diseases (CIBERER-ISCI) where he is now serving at its Steering Committee. He has been Honorary Professor at the Autonomous University of Madrid for 20 years (1998-2018), and, since the 2021-2022 has been appointed as Honorary Professor at the Complutense University of Madrid, at the School of Biology. Since 2007 is the Director of the Spanish node of the European Mouse Mutant Archive (EMMA/INFRAFRONTIER) Spanish node.

Including his PhD, from 1986, where he worked in plant molecular genetics, in maize, he has been always working on the genetic modification of organisms (GMOs). Since 1991 he has been working in several scientific projects within the field of animal transgenesis. At the CNB he leads a research team interested in basic science, to understand the mechanisms controlling gene expression and organization in mammalian genomes, and in applied science, generating animal models for the study of human rare diseases, such as albinism. He has contributed significantly to animal transgenesis methods developing artificial chromosome transgenesis. He has also pioneered the use and dissemination of gene-editing CRISPR approaches in Spain for the functional analysis, *in vivo*, of regulatory elements found in the non-coding genome. He has published more than 134 articles, several books on genome editing, albinism and pigmentation, and co-invented several patents in the field.

He is the current President of the European Society for Pigment Cell Research (ESPCR), President of the Association for Responsible Research and Innovation in Genome Editing (ARRIGE) and serves at the boards of additional national (SEBBM, SEG) and international societies (IFPCS). In 2006, he founded the International Society for Transgenic Technologies (ISTT) for which he has served as President since inception to 2014. He has been a member of CSIC Ethics Committee (2017-2022) and its President (2020-2022) and he also has advised the CSIC Presidency on Ethics and Science Europe issues. He is a member of the Ethics Panel of ERC in Brussels. He is the Chair of the Scientific Advisory Committee for the Global Albinism Alliance. He has promoted the COSCE agreement on transparency in animal experimentation in Spain, launched in 2016. In addition to research, he is also interested in bioethics, education and popular science. In 2018 he received the ISTT Prize, for his outstanding contributions to animal transgenesis, the Honor Plaque from the Association of Spanish Scientists (ACE) for his contributions to Spanish Science and the SINCronizados Award by the Agencia SINC for his commitment with popular science and collaboration with journalists and media. In 2019, he has been awarded by Fundación Antama for his contributions to popular science in the biotechnology field, and in 2020, has received the H.S. Raper Medal awarded by IFPCS/ESPCR for his contributions to the fields of pigmentation and albinism, has been the finalist (runner-up) of the 33th Boehringer Ingelheim Award for Best Communicator in Social Networks, and was awarded the COSCE Prize for science outreach in Spain in 2022.

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Más información: <http://wwwuser.cnb.csic.es/~montoliu/>

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