



Jose Carlos L. Machado

Academic qualifications

- 1992 Graduate degree in Biology by the Faculty of Sciences of the University of Porto.
- 1994 M.Sc. degree in Oncobiology by the Faculty of Medicine of the University of Porto.
- 1999 Ph.D. degree in Human Biology by the Faculty of Medicine of the University of Porto.
- 2020 Habilitation in Biomedicine by the Faculty of Sciences of the University of Porto.

Academic Appointments

- 2001 – 2007 Assistant Professor, Medical Faculty of Porto, Portugal.
- 2001 – 2014 Principal Investigator, IPATIMUP-Institute of Molecular Pathology and Immunology of the University of Porto, Portugal.
- 2007 – present Associate Professor, Medical Faculty of Porto, Portugal.
- 2013 – present Vice-President of the Institute of Molecular Pathology and Immunology of the University of Porto (IPATIMUP).
- 2015 – present Principal Investigator at the Institute for Research and Innovation in Health (i3S).
- 2018 – present Board of Directors member of the the Institute for Research and Innovation in Health (i3S).
- 2019 – present Coordinator of the Cancer Programme at the Institute for Research and Innovation in Health (i3S).

Awards

- 1991 – 1992 Research Fellowship from Portuguese Scientific Research Board (JNICT).
- 1992 – 1994 M.Sc. Fellowship from Portuguese Scientific Research Board (JNICT).
- 1994 – 1999 Ph.D. Fellowship from Foundation for Science and Technology, Portuguese Ministry of Science and Technology.
- 1999 – 2001 Post-doctoral Fellowship from Foundation for Science and Technology, Portuguese Ministry of Science and Technology.
- 2000 Young Researcher Prize from the European Cancer Prevention Organization (ECP).
- 2001 Scholar-in-training Award for Promising Cancer Research from the American Association for Cancer Research (AACR).

2002 Portuguese Society of Human Genetics Award
2004 Portuguese Society of Gastroenterology Award
2005 Portuguese Society of Gastroenterology Award
2018 PFIZER 2018 Prize for Clinical Investigation.

Research Interest

The scientific question that drives my research is how mutations that arise in cancer cells spread among cell subpopulations and, in the process, help shape its plasticity and the tumor microenvironment. I want to understand how cancer cells communicate with each other and with other cells, and how does it influence, and is influenced, by clinical events such as therapy and disease progression. H. pylori-related gastric carcinoma is one of the central models of research we use.