

Short Curriculum Vitae

Catarina Brito

November 2021

Catarina Brito is the Head of the Advanced Cell Models Laboratory of the Animal Cell Technology Unit of iBET and ITQB-NOVA since 2014.

She holds a Biochemistry degree from the University of Lisbon and obtained her PhD in Biochemistry and Cell Biology with the New University of Lisbon. Catarina pursued her PhD studies in the Laboratory of Glycobiology, at ITQB-NOVA (Oeiras, Portugal) and Institut Jacques Monod (Paris, France), in the areas of glycobiology and intracellular trafficking. During her PhD, Catarina contributed to the elucidation of the role of specific protein carbohydrate moieties in human neuronal differentiation and neuronal trafficking and explored glycosyltransferases for synthetic applications.

She joined iBET (Portugal) in 2007, first as a postdoc working in human Stem Cell bioprocessing, focusing on human pluripotent stem cell expansion and neural differentiation, and later as a Senior Project Manager of academic and industrial collaborations, bridging her cell biology and cellular biotechnology expertise to develop preclinical cell models and bioassays.

Current Research:

Current Research is mostly translational and focused on development of advanced human cell models (employing induced pluripotent stem cells and other patient-derived cells) to target deregulation of cellular microenvironment in disease progression and evaluate its role in therapeutic response. Key areas of interest include the innate immune microenvironment in cancer and neurological disorders and immunotherapies. Catarina is engaged in collaborations in projects on cell models of hepatic infection cell and stem cell-based therapeutic approaches. Complementary to the research activities, Catarina has been providing contract research services to the pharmaceutical & biotechnology industry in the areas of drug development and preclinical research.

CV Highlights: (i) over 75 published papers; 7 book chapters; 1 patent; receiving a total of over 2400 citations (h-index 26) (ii) supervision of 14 PhD students (10 concluded), 14 MSc students (13 concluded) and 8 post-doc fellows (iii) Chair, Scientific Board of the Analytical Services Unit, iBET (2014-2018); (iv) Member of the Executive Committee and Coordinator of the Biopharmaceutical Technology Profile of MolBioS - PhD program in Molecular Biosciences; (v) Evaluation Committee member and expert reviewer of international and foreign granting organizations (JPND, EC; ANR and AVIESAN-Inserm, France; National Research Council, Norway; FWO, Belgium; Research Councils and Breast Cancer Now, UK; STW, Netherlands); (vi) Editorial Board Member of Scientific Reports; Review Editor and referee of several international journals; (vii) visiting researcher at Harvard Medical School (September-November 2013); (viii) Scientific Merit Prize New University of Lisbon-2015.

Scopus: [7007023897](https://orcid.org/0000-0002-8926-279X)

Researcher ID: [A-2389-2009](https://orcid.org/0000-0002-8926-279X)

Orcid: [0000-0002-8926-279X](https://orcid.org/0000-0002-8926-279X)

Email: anabrito@ibet.pt

Web pages: www.itqb.unl.pt/research/technology/advanced-cell-models/;
<http://tca.itqb.unl.pt/>; www.ibet.pt