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Professor Reis-Filho holds a joint medical degree from University of Porto, Portugal and Universidade Federal do Parana, Brazil. After finishing his histopathology training at the Institute of Molecular Pathology and Immunology, University of Porto, Portugal, he did his PhD on breast cancer molecular pathology at the Breakthrough Research Centre where he was appointed Team Leader of the Molecular Pathology Laboratory in 2006. In 2007, Prof Reis-Filho was awarded the CL Oakley Lectureship by the Pathological Society of Great Britain and Ireland and the BACR Translational Research Award. In 2010, Prof Reis-Filho was awarded the 2010 Ramzi Cotran Young Investigator Award by the United States and Canadian Academy of Pathology and the Future Leaders Prize by Cancer Research UK. Prof Reis-Filho is the youngest ever Fellow of The Royal College of Pathologists to have become a member by published works. Professor Reis-Filho is an elected member of the Council of the Pathological Society of Great Britain and Ireland, and a member of the Cancer Research UK Biomarkers & Imaging Discovery & Development Committee. He is the International Editor of Advances in Anatomic Pathology, associate editor for molecular pathology of The Journal of Clinical Pathology and BMC Cancer, and a member of the editorial boards of Science Translational Medicine, The Journal of Pathology, Modern Pathology, Laboratory Investigation, and of the international advisory board of the Archives of Pathology and Laboratory Medicine.

Prof Reis-Filho's research programme focuses on i) the development of an integrated morphological and molecular classification for breast cancer and melanomas and ii) the identification of novel therapeutic targets for specific subgroups of breast cancer and melanoma patients, through an integrative analysis of data derived from histopathology, high throughput transcriptomic and genomic profiling methods, massively parallel sequencing and functional genomics.