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Marco G. Alves, PhD, is Principal Investigator at the Unit for Multidisciplinary Research in Biomedicine, Institute of Biomedical Sciences Abel Salazar, University of Porto, Portugal (UMIB-ICBAS). He heads a group of research focused on Endocrinology, Metabolism and Male Reproduction. He mainly works on male reproductive biology, metabolic modulation, obesity and physio-pathological causes of subfertility/infertility. His research is devoted to the study of metabolic cooperation in spermatogenesis, metabolic-related infertility and the mechanisms responsible for such phenomena. Since 2015, he supervises several PhD students and Post-Doctoral Researchers. His research has been awarded with several national and international prizes and grants, including competitive international funds. He is Principal Investigator of two major grants from FCT to study obesity-related dysfunction in male reproductive system and one major grant from pharmaceutical industry to study the signalling pathways that govern sperm physiology. He is inventor of 1 patent and has published more than 140 peer- review papers in the last decade, including in Human Reproduction Update, Obesity Reviews, Trends Endocrinology & Metabolism and Nature Reviews Urology.