

MUI Lecture Series

Mechanisms of organelle biogenesis and quality control

Pedro Carvalho,
University of Oxford, Sir
William Dunn School of
Pathology

20 May 2019

5:00 pm

CCB - M.01.470

Innrain 80, 6020 Innsbruck

Pedro Carvalho grew up in Portugal, where he studied biochemistry at the University of Coimbra. In 2000, he joined David Pellman's laboratory at the Dana Farber Cancer Institute (Boston, USA) as an exchange PhD student. Pedro then moved to Harvard Medical School, still in Boston, to work as a postdoc with Tom Rapoport.

In 2010, he established his laboratory at the Center for Genomic Regulation in Barcelona. In the summer of 2016, Pedro moved to the Sir William Dunn School of Pathology at the University of Oxford, where he was appointed the EP Abraham Professor of Cell Biology.

His laboratory investigates mechanisms underlying the homeostasis of the endoplasmic reticulum. In particular, the lab focuses on how multiple ER functions, such as protein and lipid biogenesis, are regulated by ubiquitin-dependent proteolysis through a pathway called ER-associated degradation (or ERAD).



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