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Doctoral College
Metabolic & Cardiovascular Disease

Medical University of Graz

UNI GRAZ TU Graz Graz University of Technology

DEFINING A MODEL OF NORMOXIA *IN VITRO* AND ITS IMPLICATIONS FOR ENDOTHELIAL CELL BIOLOGY

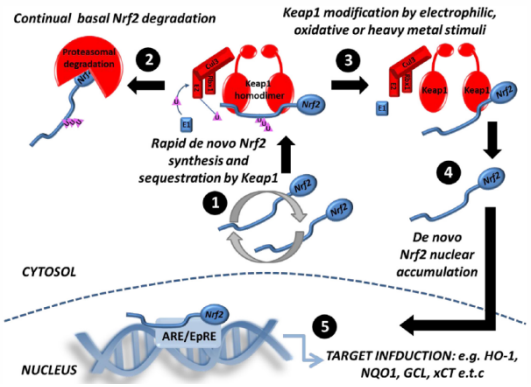
GUEST LECTURE by

Thomas Keeley

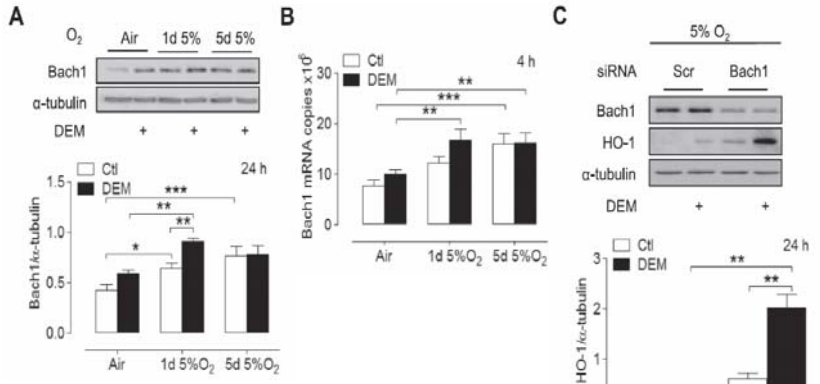
Cardiovascular Division, King's College London, UK

Tuesday, 13.12.2016
17:00

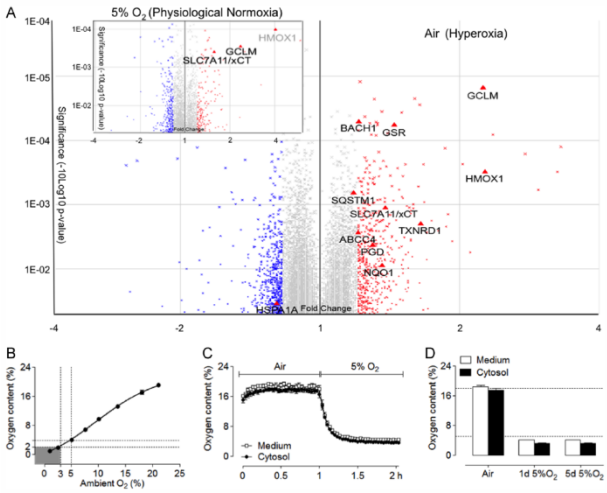
SR 07.12, Preclinics, MUG
(Harrachgasse 21, 1st floor)



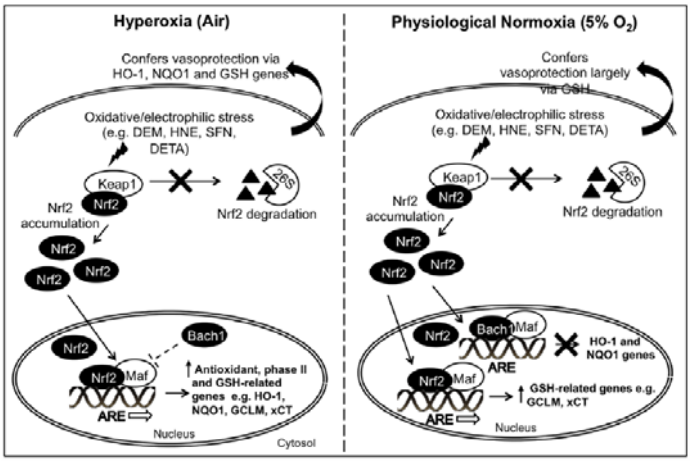
Keap1-Nrf2 signaling pathway.
Chapple et al. (2015) Free Radic Biol Med 88:212-20



Enhanced Bach1 expression in HUVEC adapted to 5% O_2 underlies decreased induction of HO-1 by diethylmaleate.
Chapple et al. (2016) Free Radic Biol Med 92:152-62



Affymetrix microarray identifies differentially expressed diethylmaleate-responsive Nrf2 target genes in human umbilical vein endothelial cells (HUVEC) adaptated to physiological O_2 (5%). Chapple et al. (2016) Free Radic Biol Med 92:152-62



Differential regulation of Nrf2-targeted genes in human endothelial cells adapted to physiological O_2 levels encountered *in vivo*. Chapple et al. (2016) Free Radic Biol Med 92:152-62