

GRK2576 Guest lecture

Title: ‘mRNA modifications – a new player in regulating islet biology’

Speaker: Rohit Kulkarni, MD, PhD

Joslin Diabetes Center, Boston, USA,
Section Head, Islet Cell and Regenerative Biology, Senior Investigator
Professor of Medicine, Harvard Medical School

Date: 03. February 2021

Time: 14:00 h CET

Location: virtual - Cisco Webex

<https://hhu.webex.com/hhu-en/j.php?MTID=m9e7d52dec26ab19693aadb47b3f9f8bc>

Meeting number: 121 403 5409

Password: ADm2EQgHg42

Biography



Dr. Rohit Kulkarni is Professor of Medicine at Harvard Medical School, Margaret A. Congleton Chair and Co-Head of the Section on Islet & Regenerative Biology at Joslin Diabetes Center. Kulkarni obtained his M.D. and Ph.D. degrees from St. John’s Medical College and the Royal Postgraduate Medical School in London, where he trained in the lab of Steve Bloom. Subsequently, he obtained the NIH NRSA Award and completed a postdoctoral fellowship in the lab of Ron Kahn at the Joslin Diabetes Center. He has been on the Faculty of the Joslin Diabetes Center since 1999 and is currently a Senior Investigator and Professor of Medicine at Harvard Medical School. The research interests of the Kulkarni Lab are focused on two major complementary areas with the long-term goal of designing therapeutic strategies to generate new beta cells to prevent and/or cure type 1 and type 2 diabetes.

Key papers

De Jesus DF, Orime K, ... Kulkarni RN. Parental metabolic syndrome epigenetically reprograms offspring hepatic lipid metabolism in mice. *J Clin Invest.* 2020 130:2391-2407.

De Jesus DF, Zhang Z, ...Kulkarni RN. m⁶A mRNA Methylation Regulates Human β -Cell Biology in Physiological States and in Type 2 Diabetes. *Nat Metab.* 2019 1:765-774.

El Ouaamari A, Dirice E, ...Kulkarni RN. SerpinB1 Promotes Pancreatic β Cell Proliferation. *Cell Metab.* 2016 23:194-205.

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