

Gauri Mirji, PhD

gauri.mirji@gmail.com

www.linkedin.com/in/gauri-mirji-0323347b



Gauri Mirji obtained her PhD from ACTREC, TMC

in 2017 in tumor immunology. She completed her PhD under the guidance of Prof S.V. Chiplunkar and her thesis work focused on studying anti-leukemic role of $\gamma\delta$ T cells in T-ALL. Her thesis work showed that Indian T-ALL patients with TCR $\gamma\delta$ gene rearrangement differ at genomic and functional levels and thus get the survival advantage over patients with TCR $\alpha\beta$ rearrangement.

She received a DBT research associateship to do postdoc at IISER-Pune under the guidance of Prof Satyajit Rath and Prof Vineeta Bal. There she studied how T cell responses are modulated at fever temperatures. Their work showed that TRPV channel-mediated pathway involving Notch activation leads to a Th2 skewing of the effector T cell response.

Currently she is a postdoctoral researcher at the Wistar Institute Philadelphia, PA. She is studying metabolic control of macrophages in pancreatic ductal adenocarcinoma. One project focuses on the role of myeloid specific BCKDK activity in tumor development and another project focuses on characterizing gut microbial metabolites in regulation of macrophage phenotype and treatment responses in pancreatic cancer.

She has presented her research at several national and international conferences. She received Young Investigator abstract travel award from SITC and International travel award from UIC. She actively participated in organizing conferences and events for Mumbai Immunology Group, National Research Scholar's Meet, Students Council of ACTREC and National Postdoc Symposium.