



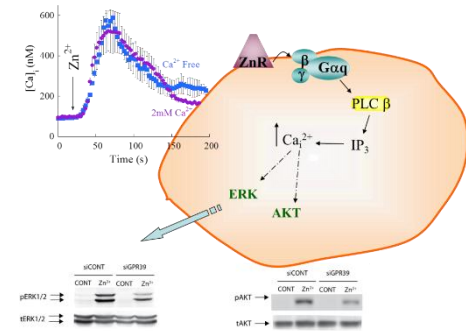
The Zinc Biology Lab, BGU, Israel is looking for excellent research students

Under the supervision of Prof. Michal Hershinkel

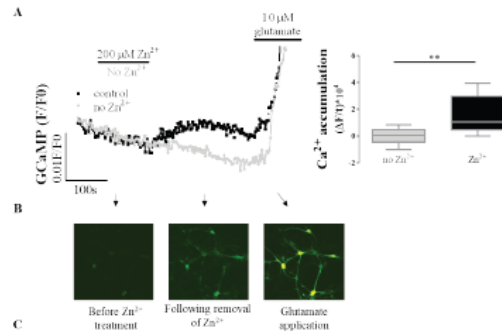
https://in.bgu.ac.il/en/fohs/Michal_Hershinkel_Lab/Pages/default.aspx

Our lab uses molecular tools, biochemical assays, fluorescent live imaging, and physiological assays to elucidate the role of zinc in regulating physiological functions *in vitro* and *in vivo*.

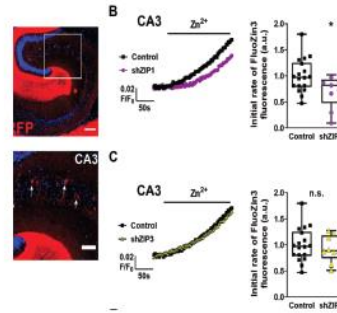
ZnR/GPR39 is a specific Gq-dependent Zn sensing receptor



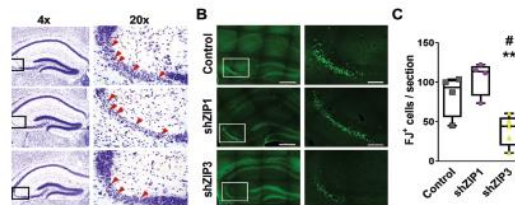
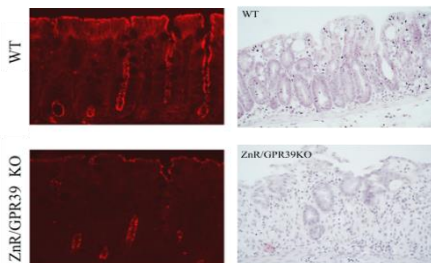
Zinc transporter ZnT1
is a neuronal Zn²⁺/Ca²⁺ exchanger



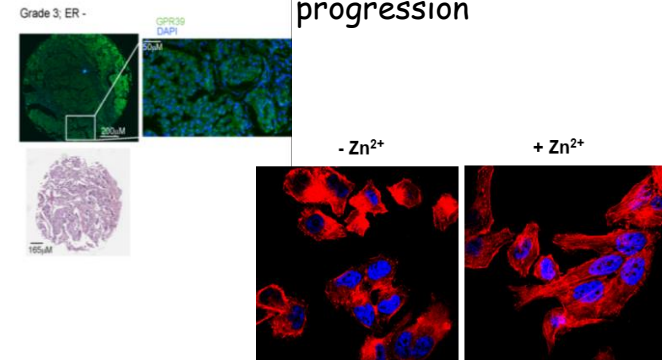
Zinc transporter ZIP3
is responsible for neuronal degeneration



ZnR/GPR39 protects from colitis
and diarrhea



ZnR/GPR39 enhances cancer
progression



Contact: hmichal@bgu.ac.il