

A Postdoctoral position is available at UCSD, in the Dept. of Medicine, Division of Gastroenterology, under the leadership of Prof. Brenner, at an estimated annual salary of \$54K for US citizens, or permanent residents.

The applicant should have extensive experience with transgenic mouse technologies, Cre-lox systems, experimental models of liver fibrosis. The selected candidate will study the role of inflammation in the pathogenesis of NASH and ASH-induced steatohepatitis. The candidate will perform in vivo and in vitro experiments including: a) induction of liver fibrosis in mice, tissue collection and analysis; b) small animal surgery; c) expression systems using shRNA knockdown or infection with adenoassociated virus; d) hydrodynamic i.v. injections; e) adoptive transplantation of primary mouse cells into livers of immunodeficient recipient mice; f) generation bone marrow chimeric mice; g) generation of humanized mice; h) isolation of liver cell types, i.e. hepatocytes, Hepatic Stellate Cells, Kupffer cells, and Endothelial cells; i) studies using cell stimulation, co-culture; j) flow cytometry, k) RNA-Seq. The candidate should have demonstrated skills in manuscript/grant writing, excellent interpersonal skills.

Please contact tkisseleva@ucsd.edu and kdiggle@ucsd.edu for further information.