

Postdoctoral Associate Position available in Center for Oral Biology.

Research in the Ovitt laboratory is focused on regeneration and repair of tissue damage that occurs as a result of radiation therapy. Radiation treatment of head and neck cancer patients results in irreversible loss of salivary gland secretory acinar cells, and permanent dry mouth. Our data have revealed previously unrecognized regenerative capacity in irradiated human and mouse salivary glands, which involves cellular plasticity. An NIH-funded Postdoctoral Associate position is available to investigate the role of cellular plasticity in the response to injury and in regeneration, using genetically engineered mouse models, in combination with RNA Seq, and 3D in vitro cultures. Dr. Catherine Ovitt, Professor in the Department of Biomedical Genetics, in the Center of Oral Biology at the University of Rochester School of Medicine and Dentistry. <https://www.urmc.rochester.edu/labs/ovitt.aspx>

Applicants must hold a Ph.D. in Cell and/or Molecular Biology, with a strong publication record. Applicants must have working experience in genetics, mouse models, cell culture, and molecular biology, as demonstrated through publications, as well as previous training in statistical analysis. Applicants must have proficiency in English, and a desire to work in a collaborative environment. Applications should submit a combined PDF that includes CV, and a one-page statement of (a) research accomplishments and (b) specific reasons for interest in the research topics of this position to: Dr. Catherine Ovitt, Catherine_ovitt@urmc.rochester.edu
EOE Minorities/Females/Protected Veterans/Disabled