

Job Summary

We are seeking a Postdoctoral Fellow to study the role of tumor-associated stresses and stress-adaptive responses (1,2) in the development of oncogenic RAS-driven cancers (www.grabockalab.com). The laboratory utilizes 2D and 3D cell culture, mouse models, high-resolution/high-content microscopy, biochemistry and molecular biology to decipher vulnerabilities KRas-driven pancreatic cancers and identify chemopreventive and therapeutic strategies. The successful candidate will be an active member of a dynamic, team-oriented, and expanding research group.

1. Grabocka E., Bar-Sagi D. Mutant KRAS enhances tumor cell fitness by upregulating stress granules. *Cell*. 2016 Dec 15;167 (7): 1803-1813.e12. PMID: PMC5441683
2. Grabocka E, Pylayeva-Gupta Y, Jones M, Yemanaberhan E, Lubkov V, Taylor L, Jeng HH, Bar-Sagi D. Wild type H- and N-Ras promote mutant K-Ras driven tumorigenesis by modulating the DNA damage response. *Cancer Cell*, 2014 February 10. 25(2): 243-256. PMID: PMC4063560

Requirements

Ph.D. degree in cancer biology, cell biology, biochemistry, or a closely related field. Must have first author publication in reputable journals from their terminal degree. Proven ability to work independently as well as within a team.

Applicants should submit a cover letter explaining their scientific interest in the laboratory's work and a CV to Dr. Elda Grabocka at www.jefferson.edu/hr and reference Job ID# 9225043. The last page of the CV should include the contact information (e-mail address and phone number) for three references.