

Grant Awards for 2010

Congratulations!



Conor L. Evans, Ph.D. received a **NIH Director's New Innovator Award (DP2)**.

Award Period: September 30, 2010 - September 29, 2015

Project Title: “Imaging and Overcoming Hypoxia-Induced Resistance in Metastatic Ovarian Cancer”

Project Overview:

This project seeks to overcome forms of treatment resistance by visualizing, understanding, and treating micrometastatic ovarian cancer at the microscale *in vitro* and *in vivo* through the development of a new interdisciplinary translational therapeutic imaging platform.

1) Visualize hypoxia and treatment response in a high-throughput *in vitro* metastatic ovarian cancer model. 2) Develop and evaluate a new oxygen-independent therapeutic regimen for ovarian cancer. 3) Create a microendoscopic molecular and OCT imaging system to visualize hypoxia and treatment response in a murine model of metastatic ovarian cancer.