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.