



NIH: West Coast Metabolomics Center



Pilot and Feasibility Projects Start at NIH West Coast Metabolomics Center, UC Davis

June 10, 2013

After a thorough three-tiered review and decision process, we congratulate the following applicants to receive funding for their pilot grant application with the West Coast Metabolomics Center at UC Davis.

Dr. Graeme Bell, *University of Chicago* with collaborator Manami Hara and the WCMC laboratories Fiehn, Hammock and the WCMC central service core.
"Combined Metabolomics and Lipidomics of Type 1 Diabetes"

Dr. Peter Kaiser, *UC Irvine*, and the Fiehn WCMC laboratory
"Metabolite Changes Associated with Methionine Stress Sensitivity of Cancer"

Dr. Ernst Lengyel, *University of Chicago* with WCMC laboratories Newman and Fiehn
"A Study of Changes in Lipid Metabolism of Ovarian Cancer Cells Co-Cultured with Adipocytes"

Dr. Michele La Merrill, *UC Davis*, and the WCMC laboratories Gaikwad, Hammock, Newman and the WCMC central service core.
"Dysfunctional Lipid Metabolism Underlies the Effect of Perinatal DDT Exposure on the Development of Metabolic Syndrome "

Dr. Roel Ophoff, *UC Los Angeles* with collaborator Steve Horwath and the WCMC laboratories Fiehn, NMR service core and the WCMC service core.
"Biomarkers for Depression in CSF and Plasma in a Population Sample"

Dr. Pei-an Shih, *UC San Diego* with collaborator Walter Kaye and the Hammock WCMC laboratory
"Quantitative Profiling of Eicosanoids to Explore Molecular Mechanisms Underlying Anorexia Nervosa"

Dr. Patricia Thompson, *University of Arizona* with the Hammock WCMC laboratory
"Application of Oxylin Metabolomics to a Celecoxib Intervention in Men at Risk for Colorectal Neoplasia Recurrence"

We look forward to these exciting projects!

All award recipients will participate at our annual retreat with presentations as well as in workshops and mentoring of trainees. For all presentations and publications, P&F funding by the NIH West Coast Metabolomics Center must be cited. Center staff will monitor project deliverables for complex diseases like diabetes, cancer and atherosclerosis.

About UC Davis

For more than 100 years, UC Davis has engaged in teaching, research and public service that matter to California and transform the world. Located close to the state capital, UC Davis has more than 33,000 students, more than 2,500 faculty and more than 21,000 staff, an annual research budget of nearly \$750 million, a comprehensive health system and 13 specialized research centers. The university offers interdisciplinary graduate study and more than 100 undergraduate majors in four colleges — Agricultural and Environmental Sciences, Biological Sciences, Engineering, and Letters and Science. It also houses six professional schools — Education, Law, Management, Medicine, Veterinary Medicine and the Betty Irene Moore School of Nursing.

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