

Biochemistry Programme (Dedicated Research And Mentorship) DREAM 2011

Overseas mentor	Project title	Local advisor	Offer
<p>Prof. Thomas T Chen Department of Molecular & Cellular Biology University of Connecticut 75 North Eagleville Road, Unit 3125 Storrs, CT 06269-3125, USA email: THOMAS.CHEN@uconn.edu Website: http://www.mcb.uconn.edu/fac.php?name=chentt</p>	<p>Alteration of hormone gene expression in pituitary gland by endocrine disruptors</p>	<p>Prof. K. M. Chan</p>	<p>1</p>
<p>Prof. Michael Chan Department of Biochemistry The Ohio State University 776 Biological Sciences Building 484 West 12th Avenue Columbus, Ohio 43210, USA email: chan@chemistry.ohio-state.edu</p>	<p>Preparation of SENP1 inhibitors as novel cancer therapeutics</p>	<p>Prof. Shannon Au</p>	<p>1</p>
<p>Prof. Gourisankar Ghosh Department of Chemistry and Biochemistry University of California San Diego La Jolla, California 92093-0375, USA email: gghosh@ucsd.edu http://www-chem.ucsd.edu/research/profile.cfm?cid=C02396</p>	<p>Investigation of the effect of SR protein kinase inhibitors on pre-mRNA splicing <i>*Student must be willing to handle radioactive ³²P for this project*</i></p>	<p>Prof. Jacky Ngo</p>	<p>1</p>
<p>Prof. Mingdong Huang Division of Hemostasis and Thrombosis Beth Israel Deaconess Medical Center Harvard Medical School 330 Brookline Avenue Boston, MA 02215, USA</p>	<p>Expression and purification of cancer-related proteases using <i>Drosophila</i> expression system</p>	<p>Prof. Jacky Ngo</p>	<p>1</p>

email: mhuang1@bidmc.harvard.edu https://research.bidmc.harvard.edu/Research/ResearchPIInfo.asp?Submit=Display&Window=Y&PersonID=5416			
Prof. Fernando Lecanda Oncology Division. Lab 1.02 Center for Applied Medical Research (CIMA) University of Navarra Pío XII-55 Pamplona-31008, SPAIN email: flecanda@unav.es Website: http://www.cima.es/labs-en/adhesion-and-metastasis/summary/1	Transcriptome analysis of osteosarcoma and bone metastasis by next-generation sequencing	Prof. T. F. Chan	1
\Prof. X. F. Steven Zheng Department of Pharmacology Staged Research Building (SRB). Room 142 Cancer Institute of New Jersey UMDNJ-Robert Wood Johnson Medical School Piscataway, NJ 08854, USA email: zhengst@umdnj.edu	Genome-wide mapping of DNA-binding of the Target of Rapamycin (TOR) proteins by high-throughput ChIP-sequencing	Prof. T. F. Chan	1
Prof. Jean-Marc Lancelin Universite de Lyon Domaine de la Doua ESCE Lyon, F-69622 Villeurbanne, France Email: jean-marc.lancelin@univ-lyon1.fr	Fragment-based screening of inhibitors	Prof. K.B. Wong	1

Remark:

- *BCH majors are in first priority and then School of Life Sciences' Students*
- *Biochemistry Programme shall provide support up to 5 BCH students (HK\$15,000 per student) for the DREAM program.*