Post-doctoral position(s) are available for research on Hedgehog pathway and metabolism regulation in developmental biology and cancer research. The position(s) are located in Dr. Jer-Yen Yang’s laboratory in the Department of Basic Medical Sciences & Purdue University Center for Cancer Research at Purdue University.

We study signal transduction and molecular mechanisms using suitable cellular, mouse/zebrafish models in cancer research. We also try to use chemical engineering approaches with various experts in Purdue Discovery Park. Through interdisciplinary interaction, we hope to provide insights in developing therapeutics that can disable cancer, and thus prevent cancer progression and recurrence.

We are looking for candidates who have a Ph.D. degree, a strong background in molecular and cell biology and/or zebrafish/mouse genetics, and highly motivated for conducting cutting-edge research.

To apply, please send a CV, a brief description of research experiences and interests, and contact information of three references to jeryen.yang@gmail.com
Post-doctoral position(s) are available immediately for research on epigenetic regulation in breast cancer stem cells. The position(s) are located in Dr. Alice Chun-Ju Chang’s laboratory in the Department of Basic Medical Sciences & Purdue University Center for Cancer Research at Purdue University.

We study molecular mechanisms by which tumor microenvironment regulates the epigenetic status (e.g. miRNAs and chromatin modifiers) of the breast cancer stem cells using suitable cellular and mouse models. We hope to provide insights in developing therapeutics that can disable the “seed” of cancer, and thus prevent cancer progression and recurrence.

We are looking for candidates who have a Ph.D. degree, a strong background in molecular biology, cell biology and/or mouse genetics, and highly motivated for conducting cutting-edge research that can translate science from benchside to bedside.

To apply, please send a CV, a brief description of research experiences and interests, and contact information of three references to alicia_6877@msn.com.

----------------------------------------

A research assistant position is available immediately for research on epigenetic regulation in breast cancer stem cells. The position is located in Dr. Alice Chun-Ju Chang’s laboratory in the Department of Basic Medical Sciences & Purdue University Center for Cancer Research at Purdue University.

We study molecular mechanisms by which tumor microenvironment regulates the epigenetic status (e.g. miRNAs and chromatin modifiers) of the breast cancer stem cells using suitable cellular and mouse models.

We are looking for candidates who have a M.S. or Ph.D. degree and experiences in molecular biology and immunohistochemistry (tissue embedding and staining).

To apply, please send a CV, a brief description of research experiences and interests, and contact information of three references to alicia_6877@msn.com.