

Cancer Biology

WORKSHOP ON HANDLING & EXPERIMENTATION IN CANCER RESEARCH

Overview

Cancer is a leading cause of deaths worldwide by and it ranks second in India causing about 0.3 million deaths per year. Spreading the knowledge about the causes of cancer is most important followed by development of methods of cancer prevention. W.H.O. has suggested that cancer can be reduced and controlled by implementing evidence-based strategies for cancer prevention, early detection of cancer, and patient management. Researchers and medical practitioners has become highly important domain in society to spread the knowledge about cancer. Researchers can actively impart in developing new therapeutic modalities against cancer.

In above purview, a one week GIAN “Program in Cancer Biology” is being organized at Dr. Harisingh Gour University, Sagar (M.P.). The program will cover sharing of knowledge and technology in cancer biology. The workshop will contain lectures on various aspects of cancer cell growth and proliferation, and cancer therapy and drug development. The program participants will be educated by the expert foreign faculty Prof. Seung Hyun Oh from Gachon University, South Korea.

The program will be organized in two modules: module ‘A’ tutorials followed by module ‘B’ experimental demonstration of research work. Course participants will learn theoretical and technical aspects of cancer research with hands-on experiments. Participants will also take part with assignments and skill development sessions for motivation in cancer research. The program has been approved to be “One Credit Course”.

Modules	A: Tutorials on cancer biology : January 31 - February 5, 2016 B: Experimental demonstrations : January 31 - February 5, 2016
Who can attend it...	<ul style="list-style-type: none">▪ Academic students at U.G., P.G. and Ph.D. levels and postdoctoral fellows▪ Faculty members working in the area of modern biology with special interest in cancer biology▪ Industry members with interest in cancer biology especially method development, diagnosis and disease management, and drug development
Fees	The participation fees for taking the course is as follows: Participants from abroad : US\$ 200 Students : INR 1000* Faculty / Scientists : INR 2000 Industry Members : INR 5000 The above fee includes all instructional materials and experimentation facility. * Fee for SC/ST Students : INR 500

The Faculty



Prof. Seung Hyun Oh is the faculty of Pharmacy at Gachon Institute of Pharmaceutical Sciences, Gachon University, Incheon, South Korea. His research interests include molecular and cellular signaling in cancer, animal models of diseases and cancer, cancer therapeutics and drug development. His recent research highlights include modulation of tumorigenesis in hepatocellular carcinoma; derivation of novel EGFR inhibitor in breast cancer; lipid raft-dependent apoptosis activation in gastric cancer; calcium signaling in colon cancer cell motility; epigenetic regulations in breast cancer; natural products against colon cancer.



Dr. Siddhartha Mishra is the faculty of Biological Sciences at Dr. Harisingh Gour University, Sagar (M.P.), India. His research interest is molecular and cellular biology of disease and cancer biology. His recent research highlights include targeting novel cellular signaling pathways in carcinogenesis, natural products in colon cancer prevention, modulation of colon cancer cell growth and motility, breast cancer genomics and epidemiology.

REGISTRATION WORK FLOW

Participants need to register on GIAN webpage:

<http://www.gian.iitkgp.ac.in>

Follow instructions at “Courses Registration Portal” and submit login details with brief academic details.

Rs. 500 is required to register on GIAN portal. Participants then needs to select CANCER BIOLOGY course from the list at “Course Registration”. Finally submit the registration form, take a pdf print, and send to us by Email.

Course registration fee shall be submitted in the form of demand draft made in favor of “The Registrar, Dr. Harisingh Gour University, Sagar”.



Course Coordinator

Dr. Siddhartha Kumar Mishra

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<http://www.gian.iitkgp.ac.in>

<http://www.dhsgsu.ac.in>