

### 3 Day National Workshop “Future of Medicinal Plants in Cancer Research & Therapy”



Jointly organized by HEC & Department of Zoology, Kohat University of Science and Technology (KUST), Kohat

**Patron In-Chief**  
**Prof. Dr. Jamil Ahmed**

Vice Chancellor, Kohat University of Science and Technology, Kohat

**Patron**  
**Prof. Dr. Shafiq-Ur-Rehman**  
PhD, UK

Pro-vice Chancellor, Kohat University of Science and Technology, Kohat

#### Invitation

I am glad to invite you to three day National Workshop “Future of Medicinal Plants in Cancer Research & Therapy” to be held at Iftikhar Auditorium, KUST, Kohat, KP on **October 23-25, 2018**.

#### Background

Despite the tremendous advancement in formulating new drugs to combat various types of disease, including cancer still a lot of research work is needed to find a true and real therapy for cancer. WHO reports alarming concern about the increasing number of cancer patients worldwide and cancer still remains a major burden on global health. Latest figures of WHO say that every year more than 14 million new cases of cancer are diagnosed globally and this number will reach around 20 million by 2025.

Cancer is also very high in Pakistan. Among Asian countries, Pakistan is leading in Breast Cancer incidence. Pakistan is lying in the third world country where traditional medicine being commonly used for the treatments of different disease including cancer. Plants have been used for years for the treatments of various diseases including cancer.

The medicine is usually prepared from different parts of the plants which contain various chemical components with varying pharmacokinetics & pharmacodynamics activities. By discovering an effective herbal treatment could lead to the development of an alternative and complementary method of treating and preventing different cancers.

#### Aims and Scope

- This National workshop is planned with the objectives to bring together delegates from across the country to share their research findings, gain insights from inspirational keynote speakers and promote the culture of research among the students and academicians across the country.
- The workshop will provide baseline information to the students, young researchers and academicians about the possible ways and means to overcome cancer.
- The invited speakers will deliver a series of lectures on how plants could be used as an alternative option for the treatment of different cancers.
- Practical demonstration will enable the participants how plant extracts can be used in the cell and tissue culture work to determine their anti-proliferative potential against cancer cells.
- In general, the participants of the workshop will know about the cancer types, their traditional treatments by the indigenous communities, phytochemicals extraction from plants.
- Students will have the opportunity to interact with the resource persons and thus can be motivated for better career options including oncology.
- Finally, the present conference will create awareness amongst the participants about this lethal disease and how it can be prevented by avoiding non spontaneous mutagens.

#### Chief Organizer

**Kalim Ullah, PhD**  
**Cancer Biology (ULM, Germany)**  
Department of Zoology, KUST, Kohat  
Cell No: 0341-9380658  
Email: [dr.kalim@kust.edu.pk](mailto:dr.kalim@kust.edu.pk)

#### Organizing Committee

**Chairman, Organizing Committee**  
**Dr. Shahid Niaz Khan**  
Associate Professor and Chairman  
Department of Zoology, KUST, Kohat  
**Organizing Committee members**  
Dr. Syed Ishtiaq Anjum  
Dr. Farman Dawar  
Dr. Rafiq Hussain  
Miss. Irum Gul  
Mr. Faiz-ur-Rehman  
Mr. Muhammad Rauf  
Mr. Abdul Majid  
Miss. Sumbal Haleem  
Mr. Shehzad Zareen  
Miss. Naila Gul

#### Resource Persons:

**Prof. Dr. Zabta Khan Shinwari**  
Quaid-e-Azam University, Islamabad.

**Prof. Dr. Jehan Bakht**  
Vice Chancellor, Khushal Khan Khattak University, Karak, KP, Pakistan.

**Prof. Dr. Muhammad Idrees,**  
Vice Chancellor, Hazara University, Mansehra, KP.

**Dr. Hafiz Naveed Shahzad,**  
School of Biological Sciences (SBS), University of the Punjab, Lahore.

**Dr. Muhammad Ishfaq**  
Shaukat Khanum Cancer Hospital & Research Centre, Lahore.

**Dr. Ijaz Ali**  
Head of Virology Research Centre, COMSAT, Islamabad.

**Dr. Dilawar Khan**  
School of Biological Sciences, NUST Islamabad.

**Dr. Muhammad Rehan Sarwar**  
Islamic International University Bahawalpur.

**Dr. Alam Zeb Khan**  
Assistant Professor Shifa international University Islamabad.



#### Who Should Attend

This workshop is designed for attendees for both private and public sector colleges and universities. Both students and academicians can attend and participate in the workshop.

#### Registration information

##### Registration fee details

- Students (KUST): **400 Rupees**
- Students (other universities): **500 Rupees**
- Faculty members (KUST): **1000 Rupees**
- Faculty members (other universities): **1500 Rupees**

Registration fee will entitle the participant attendance to all sessions with refreshment, Lunch and certificate etc.

**Registration open till: October 22<sup>nd</sup>, 2018.**

#### Note.

- Registration is mandatory for attending the Workshop.
- Registration desks will be established on the Ground floor and third floor (Department of Zoology) at the Faculty of Biological Sciences, KUST, from 16<sup>th</sup> October, 2018.
- Participants will have the opportunity to collect and submit filled registration forms along with the fee at these desks during office hours
- The Participants applying online can download the registration form from KUST official website <http://kust.edu.pk/NewWeb/> and submit the registration fee as per following details. Bank account no: 03437900054703 Habib Bank Limited (HBL), KUST Branch.
- **For those applying online, Please send your completed forms to:**  
[zoologistonline@gmail.com](mailto:zoologistonline@gmail.com)
- **For Further Details dial:**  
0341-9380658, 03219061293

#### Poster Exhibition:

Participants can submit their research poster for presentation. After evaluation and recommendation by a panel of judges/experts, cash prizes will be given to the top 03 posters.

(Contact Dr. Farman Dawar for guidelines: 03349528857 or Email [farmandawar@kust.edu.pk](mailto:farmandawar@kust.edu.pk)).

