

# THE DNA DAMAGE RESPONSE AND CELL CYCLE CONTROL IN CANCER A SATELLITE MEETING OF THE ATAXIA TELANGIECTASIA WORKSHOP

**February the 6th 2012.**

The Ataxia Telangiectasia Workshop (ATW2012) is being held in Delhi in February 2012 (<http://www.atw2012.com>). As part of the workshop several satellite meetings are being organised around the country. The Advanced Centre for Treatment Research and Education in Cancer (ACTREC) – Tata Memorial Centre, in collaboration with the Bhabha Atomic Research Centre (BARC), will be hosting a one day satellite meeting entitled “The DNA damage response and cell cycle checkpoint control in cancer” on February the 6<sup>th</sup> 2012.

The inheritance of DNA damage is a causative event in the progression of a normal cell to the transformed phenotype. The presence of damaged DNA in a normal mammalian cell leads to the activation of cell cycle checkpoint mechanisms that induce a growth arrest and prevent cell division until the damaged DNA is repaired. Several genes required for the regulation of the DNA damage checkpoint in mammalian cells are mutated or lost in human tumors. The goal of this meeting is to focus on new findings concerning the role of the DNA damage response and cell cycle control in cancer and to discuss how alterations in these important cellular pathways leads to neoplastic progression. We anticipate that this meeting will provide new insights into the functioning of these pathways and educate us all about the importance of these pathways in inhibiting tumor progression.

We have a wonderful line up of both international and national invited speakers who are going to be speaking at this work shop. We hope that their talks would lead to stimulating discussion and stimulate new thoughts and ideas that will lead to further insights into how tumor cells are generated, which will hopefully lead to the development of novel strategies for the treatment of neoplastic disease.

We request all faculty, students and post-docs to register for the event. Registration is free but please register as registration is required for attending talks and meals. The registration form can be found on the ACTREC website, please send the completed form to the email address below. Your participation will ensure a successful meeting.

## **Patrons**

Dr. R. Sarin ACTREC  
Dr. S. Zingde ACTREC  
Dr. K. B. Sainis BARC

## **The Organizing Committee**

Dr. Sorab N. Dalal ACTREC  
Dr. Hari Misra BARC  
Dr. Tej Pandita UTSW, Dallas

## **Contact information**

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## **List of Invited Speakers**

Maria Jasin - Memorial Sloan-Kettering  
Cancer Centre  
Michael Kastan - Duke University  
David Chen - UTSW Dallas  
Jerry Shay - UTSW Dallas  
Tej Pandita - UTSW Dallas  
Peter Burgers - Washington University St.  
Louis  
Smit Chattopadhyay - National Centre for  
Cell Sciences  
Mayurika Lahiri - IISER Pune  
K. B. Sainis - BARC  
Tanuja Teni - ACTREC