

Research Interaction and Expert Lecture by Prof. Shahabuddin Khan in Commemoration of World Cancer Day organised by Department of Biosciences, Friday 17th February, 2023

2 messages

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Fri, Feb 24, 2023 at 9:13 PM

To: M Hisam <hisam@iul.ac.in>

**Report on Research Interaction and Expert Lecture by Prof. Shahabuddin Khan
in Commemoration of World Cancer Day**

In commemoration of World Cancer Day, Department of Biosciences (A DST-FIST Sponsored Department) organised an Expert lecture and Research Interaction with Dr. Shahabuddin Khan, Professor, Cancer Biology, Laboratory of Animal Research Center, Qatar University, Qatar on Friday, 17th February, 2023. Dr. Khan is also serving as the Principal Research Scientist and Head of Molecular Pathophysiology Unit at Academic Health System, Hamad Medical Corporation, Doha, Qatar. Prof. Khan and his team basically work on the identification of deregulated signalling molecules that are involved in survival and proliferation of malignant cells. He also has the experience of working as Research Associate Professor at Department of Medicine, University of Chicago and University of Illinois, USA. He is listed in 2% top scientists globally by Stanford University and is the recipient of many prestigious awards and fellowships.

Prof. Khan delivered an elaborate talk on the topic “**S-phase kinase protein 2 is an attractive therapeutic target for treatment of skin cancer**”. Prof. Khan started the lecture by introducing the audience to his current place of work - the Hamad Medical Corporation (HMC), one of the region’s prominent academic healthcare systems, combining innovative research with top-class education.

Prof. Khan presented his research work on the identification and characterization of dysregulated signalling pathways involved in the development of human diseases, especially cancer. He displayed his findings indicating the role of S phase kinase protein 2 (SKP2) as a therapeutic target in skin cancer treatment. He showed that SKP2 is a novel target for the prevention and/or treatment of human cancers such as squamous cell carcinomas (SSCs). He further presented his results wherein, Bortezomib-a chemotherapy drug, was found to be an inhibitor of SSCs and treatment of SSC lines with bortezomib, down regulated SKP2. Therefore, he concluded, that the development of agents specifically targeting SKP2 is likely to have a significant therapeutic impact on the treatment of skin cancer. Prof. Khan’s lecture and discussions were very informative and helped research scholars in better understanding of cancer biology.

About **80 participants** joined the session which included faculty members, research scholars and PG students. Prof. Shahabuddin Khan is associated with Department of Biosciences Integral University as an Adjunct Professor. Prof. Khan was very delighted to be a part of the Integral family and interacted with the faculty members and congratulated them all for promoting quality research. He stated that “Collaborative research is the key in today’s time” and “One can pursue research with limited resources, what is required is an idea and passion to do so”.

DEPARTMENT OF BIOSCIENCES

(A DST-FIST SPONSORED DEPARTMENT)

organises a

"RESEARCH INTERACTION"

With Faculty members & Research scholars

In Commemoration of

World Cancer Day



Dr. Shahabuddin Khan

Professor
Cancer Biology
Laboratory of Animal Research Center
Qatar University, Doha, Qatar

Principal Research Scientist & Head of
Molecular Pathophysiology Unit
Hamad Medical Corporation
Academic Health System, Doha, Qatar

TOPIC

"S-phase kinase protein 2 is an attractive therapeutic target for the treatment of Skin Cancer"

11:00 am onwards

Friday, February 17th, 2023

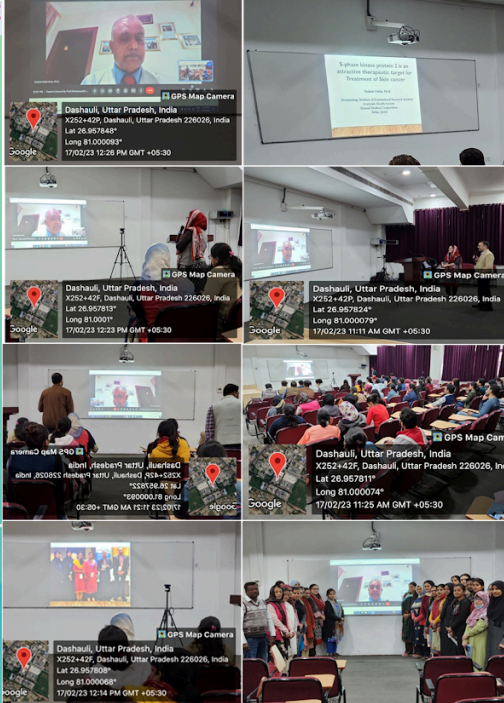
Venue: Hall-1, Central Auditorium

All Faculty members and Research scholars are requested to attend the same

Dr. Snober S. Mir
Head, Department of Biosciences

Prof. Abdul Rahman Khan
Dean, Faculty of Science

Flyer of the Programme



Glimpses of online guest lecture and research interactive session by Prof. Shahabuddin Khan: Pictures showing Topic of presentation; Introduction and Interaction by Faculty members and Research scholars; Prof. Khan and his research team.

Best Regards
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