

**THE ANNUAL SOPHIA NOBEL ORATION**  
Supported by the DBT-Star College Scheme

is to be held on

**2<sup>nd</sup> March 2019 (Saturday)**

**SOPHIA NOBEL ORATION IN PHYSIOLOGY/MEDICINE**

The Nobel Prize in Physiology / Medicine was awarded to

**James P. Allison and Tasuku Honjo**

for their

'Discoveries of Cancer therapy by inhibition of negative immune regulation'

Title of Talk: **'Braking' news: Cancer Immunotherapy accelerated**

Speaker: **Dr.Ullas Kolthur,**  
Department of Biological Sciences, TIFR, Mumbai

Time: **1:00 – 2:00 pm**

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**SOPHIA NOBEL ORATION IN PHYSICS**

The Nobel Prize in Physics was awarded to

**Arthur Ashkin, Gerard Mourou and Donna Strickland**

for their

'Discoveries of optical tweezers and their application to biological systems  
and for

the method of generating high-intensity, ultra-short optical pulses'

Title of Talk: **Extreme Optics!**

Speaker: **Dr.G Ravindra Kumar**  
Department of Nuclear and Atomic Physics, TIFR, Mumbai

Time: **2:00 – 3:00 pm**

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Venue: **A.V. Hall, 2<sup>nd</sup> Floor,**  
**Sophia Andersson Annexe,**  
**Sophia College, Bhulabhai Desai Road,**  
**Mumbai - 400026.**

You are cordially invited to the program along with your colleagues & students  
and to tea thereafter

Conveners

Dr. Hema Subramaniam,  
Department of Life Sciences,

Dr. Meeta Saxena  
Department of Physics,

Sophia College (Autonomous)