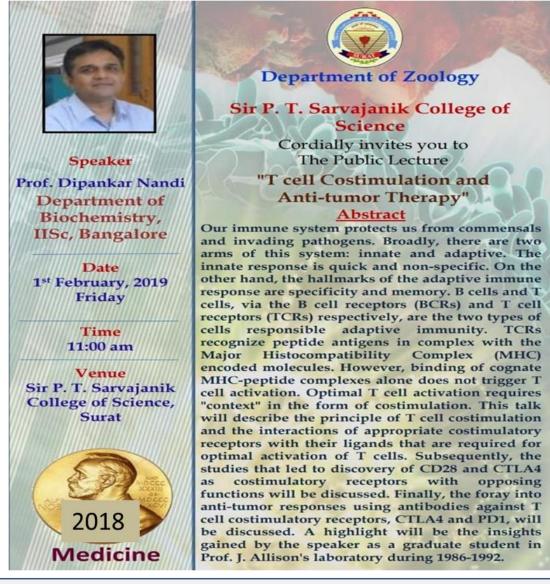
Lecture on Nobel Prize in Physiology or Medicine 2018

Date: 1st February, 2019 | Participants: 125

Resource person: Prof. Dipankar Nandi, Department of Biochemistry, IISc.,

Bangalore



Brief report

On 1st February, 2019, the Department of Zoology organized a lecture on the Nobel Prize in Physiology or Medicine 2018, awarded jointly to James P. Allison and Tasuku Honjo "for their discovery of cancer therapy by inhibition of negative immune regulation." Prof. Dipankar Nandi, Department of Biochemistry, IISc., Bangalore was invited to deliver a lecture on "T cell costimulation and anti-tumor therapy." He gave us the insight of the principle of the T-cell costimulation and the interactions of appropriate costimulatory receptors with their ligands that are required for optimal activation of T-cells. He discussed the studies that led to discovery of CD28 and CTLA4 as costimulatory receptors with opposing functions and the foray into anti-tumor responses using antibodies against T-cell costimulatory receptors, CTLA4 and PD1. He also shared his past experiences of Prof. J. Allison's laboratory. At the end of the amazing session, Prof. Nandi interacted with students and answered their queries.