



# INDIAN WOMEN SCIENTISTS' ASSOCIATION

36th Talk under IWSA's "Science And Our Life" Lecture Series

Supported by Board of Research in Nuclear Sciences



*DNA: The 'Sensible'  
molecule  
that has impacted  
life*

## SPEAKER

Prof. Jacinta S. D'Souza, FRSB, FMASc,  
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Mumbai

## Date & Time of Lecture

12<sup>th</sup> August 2023

at 5 pm

Please join by 4:55 pm

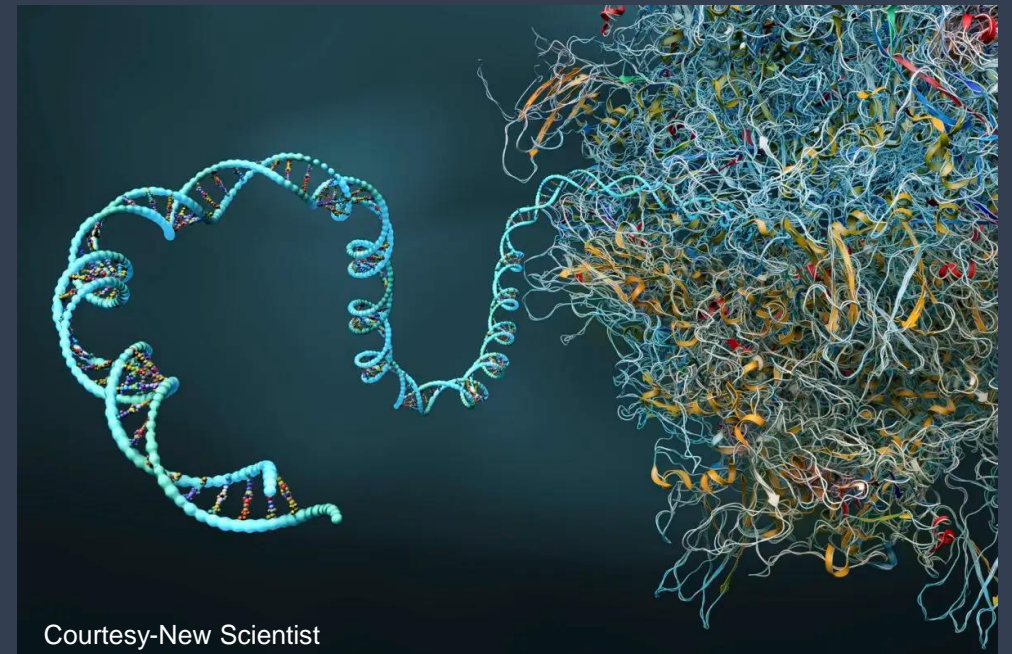
On Zoom-

Meeting ID-688 458 8799

Passcode: hya9QL

## Abstract-

Living organisms and we humans are made up of cells that contain deoxyribonucleic acid (DNA), a polymer made up of units of four different nucleotides arranged in specific sequences characteristic of genes that govern inheritance. The discovery of the structure of DNA has led to the rapidly evolving understanding of the flow of information from genes through RNA to proteins. With this discovery, several scientists worked on varying aspects of this macromolecule, especially to understand how these building blocks of life make us what we are! Sequencing of genomes and their mapping has made DNA the most important molecule leading to applications in several fields including Medicine and Agriculture. The journey of discovery of DNA to its important applications using tools in molecular biology will be discussed.



Courtesy-New Scientist