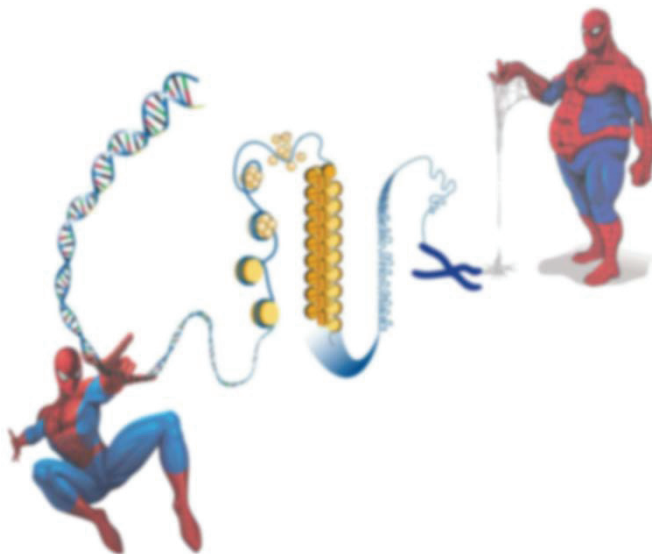


TUESDAY COLLEQUIUM

**Epigenetics and Genome
Language: Can a green algae
help unravel cancer?**

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Abstract: Cancer has been a problem that, in spite of immense molecular focus over the last four decades, has been one of the toughest problems to crack. In the genome era, we are trying to understand the molecular origins of cancer by asking basic questions in Epigenetics. We try to understand how DNA sequence gives rise to a genome language, which in turn makes us who we are and therefore the disorders that manifest. I will present how this basic understanding unravels a common thread of scientific principles that allows us to use simple model organisms to unravel complex human conditions. Can the innocuous and harmless freshwater algae *Chlamydomonas reinhardtii* help us find understand therapeutic clues to a complex human condition such as Cancer?

Tuesday, January 10, 2017

4 p.m.

PF AG 14, Prefabs, ABS, Mumbai, Kalina