



# Jamia Hamdard

## Journal Club SCLS

The Journal Club SCLS, is pleased to inform you all that a talk on “**Genetic Testing: Technology to Re-imagine prevention or delay of chronic diseases**” has been organized on 22<sup>nd</sup> of September, Thursday at 10:30am in the Dean Office Smart Class room. The journal club invites you all to attend the talk.

The Lecture will be delivered by:

1. **Dr. Rahila Sardar, Co-Founder & CEO at Vgenomics India Pvt. Ltd.**
2. **Dr. Preeti. G.Lal, Co-Founder and CSO at Vgenomics India Pvt. Ltd.**

### SUMMARY

- ~10% of Indians are diabetic and nearly 57% of them don't even know they are diabetic leading to ~ 1 million deaths due to diabetes and its complications/year.
- One in 4 deaths in India are now because of cardiovascular diseases with ischemic heart disease and stroke responsible for >80% of this burden. These diseases tend to affect patients in the most productive years of their lives and result in catastrophic social and economic consequences.
- 1 in every 9 Indians are estimated to develop a form of cancer during their lifetime.

Clinicians who are trying to help individuals have to deal with risk calculators which are mostly based on clinical data and standard clinical laboratory measurements, for e.g., family history. Since there is a significant contribution of genetics for these diseases, it is possible to provide an integrated risk score to people by using genotyping information along with standard clinical values. Such integrated risks can help individuals as well as clinicians to follow preventive measures which has the potential to significantly delay or prevent the onset of these disorders. Vgenomics is based out of Delhi with a team of scientists and clinicians from India and USA with 200+ research articles and 150+ US patents which believes that genetic insight can help make it easier for one to take action on their health. We at **Vgenomics**, a genetic testing company, are initially targeting most prevalent diseases in India i.e. Cardiovascular diseases (CAD and Atrial fibrillation), Type 2 Diabetes, Heritable cancers (Breast, Prostate, and Colorectal), Glaucoma and are committed to providing integrated risk by using both the genotyping and other relevant information.

Link to the website: <https://vgenomics.co.in/>

Dr. Mohan Kamthan

Coordinator, Journal Club, SCLS