



28 MARCH

2:30 P.M.
ROOM A102
POVO 1

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Breaking Paradigms: How studying glycan regulation upended our understanding of microRNA.

Glycans encode cellular information, including cell-cell interactions and cell state. However, glycosylation is often left out of multi'omic analysis. Using lectin microarray technology, invented in 2005 in the Mahal Lab, we have brought new insights into glycans as drivers of diseases including cancer, and new understanding to how the glycome is regulated. Our work on regulation of the glycome by microRNA (miRNA) has led to an upending of the dogma of how these small non-coding RNA work. In this lecture, I will discuss our latest work at the interface of glycomics, medicine and miRNA.

CIBIO EXTERNAL SEMINAR



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