



REGIONAL CENTRE FOR BIOTECHNOLOGY

Seminar series

Structural understanding of protein kinases inhibitory mechanism under solution conditions

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11:00 AM

Seminar Room



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Abstract

Protein kinases represent attractive drug targets due to their central role in many biological processes. I will talk about synergy between high resolution crystallographic data and information obtained from solution techniques such as nuclear magnetic resonance (NMR), site-specific mutagenesis and hydrogen deuterium exchange studies that provide an improved insight of binding of different inhibitors against Abelson (ABL) kinase. The enhanced understanding is informing design strategies for improved kinase inhibitors.
