Webinar:

Rational drug discovery using computational drug discovery tools

Date: 09th July 2020 ~ Time: 03:00pm - 04:00pm IST

Computational techniques are widely adopted and scaled up algorithms and computations capabilities in understanding the structure-function relationship and for screening millions of molecules for lead identification and optimization. In recent year's many techniques have emerged in screening methods, binding energy prediction methods, and understanding the thermodynamics behind protein-ligand interaction for a quick hit and lead identification.

The talk highlighted these recent developments in computational methods and how to use different computational methods highlighting specially Structure Based Drug Design, Ligand Based Drug Design, and Molecular Dynamics techniques.

The webinar was organized by Central Sophisticated Instrumentation facility (CSIF), University of Calicut in association with Schrodinger. 51 participants from various universities/research institutes participated in the Webinar.

Webinar Speaker:

- Mr. Vinod Devaraji
  Sr Scientist, Schrodinger