

MONASH  
Institute of Pharmaceutical Sciences**MedChem Seminar – A/Prof. Hari Arthanari**

Date: Friday 9<sup>th</sup> December 2022

Time: 11am – 12pm

Location: LT3

Zoom: [Click link](#)

Speaker: Associate Professor Hari Arthanari –  
Harvard Medical School USA



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FRAGMENT-BASED  
DESIGN

**Title: Emerging frontiers in Computational Drug Discovery**

**Bio:** Haribabu Arthanari received his Bachelors in Chemistry from the Madras Christian College and his Masters in Chemistry from the Indian Institute of Technology (IIT)-Madras. He did his graduate studies at Wesleyan University with Philip Bolton and earned his PhD in 2004. He then joined the laboratory of Gerhard Wagner for his post-doctoral training. He was promoted to a lecturer in 2010 and moved to his independent position in 2016.

His research utilizes a combination of techniques including NMR spectroscopy, NMR-based fragment and high throughput screening, and biophysical and cell-based assays to map hotspots in the interaction interface, to further understand the molecular mechanisms orchestrated by these interactions, and to identify disruptive inhibitors that may be developed into treatments for the related pathologies.