

AVVISO DI SEMINARIO

Venerdì 28 Aprile, ore 15:00

Aula A, Plesso Chimico

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Drugging the undruggable membrane protein interactions

Abstract: Our interest is in the development of peptide/small molecule probes for “undruggable” protein-protein, protein-nucleic acid, and protein-lipid interactions. In our previous works, we have integrated medicinal chemistry, computational protein design, peptide chemistry, membrane biophysics, and cancer biology and created a unique niche studying membrane protein interactions. We have developed new methods, including introduction of new terms into the existing protein structure prediction algorithm, developing novel biophysical assays to determine membrane protein association, and using rational design and library screening to identify novel chemical biology probes.