



UNIVERSITÀ DEGLI STUDI  
MAGNA GRÆCIA DI CATANZARO



DOTTORATO DI RICERCA  
IN SCIENZE DELLA VITA

**UNIVERSITÀ DEGLI STUDI MAGNA GRÆCIA DI CATANZARO**

**- DIPARTIMENTO DI SCIENZE DELLA SALUTE -**

**- DOTTORATO DI RICERCHE IN SCIENZE DELLA VITA -**

**Dr. Davide Branduardi Astex Pharmaceuticals (UK)**

**Seminario Corso CV\_S\_092**  
**Fragment Based Drug Discovery**



In this talk I will outline the principles involved in rapid designing of effective drugs via fragment based approaches. I will describe the infrastructure that enabled Astex Pharmaceuticals to pioneer this technology and make few examples in how this strategy proved to be very effective across a number of targets.

**22 LUGLIO 2021,**  
**ORE 15:00**

<https://meet.google.com/sof-hfux-ypw>

**Host**

**Prof. Stefano Alcaro**

**Prof. Adriana Pietropaolo**

**Short BIO:**

Davide Branduardi has a master in Material Science from university of Milano-Bicocca and a PhD in Chemistry and Applied Biosciences from ETH Zurich (CH). After two postdoc experiences at IIT Genoa (IT) and Max Planck Biophysics Institute-Frankfurt (DE) he moved to pharmaceutical industry where he was Scientist at the Crucell Vaccine Institute in Leiden (NL) and then Principal Application Scientist for Schrodinger in London (UK). He's currently Associate Director in Computational Chemistry and Informatics department at Astex Pharmaceuticals in Cambridge (UK). His scientific interests are primarily in drug design, chemoinformatics, molecular dynamics, free energy methods and the software technologies around those topics.