Education and Culture DG

Lifelong Learning Programme

PROGRAMMA LEONARDO DA VINCI

Promosso da

Noopolis

Coordinato da

SAPIENZA
UNIVERSITÀ DI ROMA

BIOPHARM SEARCH AND DEVELOPMENT OF DISEASES OF THE NERV S DISEASE.

Research			
Drug Discovery	Medicinal Chemistry	Biopharma-ceutical Research	Animal Pharmacology
Identification & validation of therapeutic targets	Isolation / Characterization of prototypes	*in vitro* ADME essays	*In vivo* proof concept / Efficacy
Setting up primary & secondary screening essays	Structure based Drug Desing & Combinatorial Chemistry	*in vivo* PK studies	Primary neuronal cultures (córtex, hippocampus & cerebelium)
MoA studies at celullar levels	Hits identification / Lead optimization	Analytical Development	Preliminary PK studies
	Process Development & Scale up	Bioanalytical Development	

MEDICINAL CHEMISTRY DEPARTMENT

NATURAL PRODUCTS LABORATORY

SYNTHESIS OF ANALOGUES LABORATORY

SCALE-UP LABORATORY

SCALE-UP LABORATORY

- Sintesi su grande scala (fino a max 200g) di LEAD compounds selezionati
- Studio della sicurezza, riproducibilità e scalabilità della sintesi
- Sintesi su grande scala dei potenziali metaboliti dei candidati in sviluppo preclinico e clinico

Parque del buen Retiro

Palacio Real

Sangría

Gran vía

Residenza Universitaria UAM

RENFE Madrid