

**PARTNER PLATFORM**  
**High Throughput Screening / Hit to lead**

I-STEM

General information

Administrative information	
Structure	I-STEM
Address	28 rue Henri Desbruères 91100 CORBEIL ESSONNES
Website	<a href="https://istem.eu/">https://istem.eu/</a>
Manager	DG : Yann GUIVARCH DS : Marc PESCHANSKI
Contact	
Date of implementation	

Labels / quality approach	
IBiSA	No
ISO 9001 certification	No
National networks	No
International networks	No
Other	Plateforme Genopole

Team	
Number of researchers	0
Number of engineers	2
Number of technicians	1
Number of administrative staff	0
Other	0

Main achievements	
Number of screenings performed since creation	More than 50
Number of screenings performed per year	Between 1 and 3
Fields of expertise / therapeutic areas	Compound management; pluripotent stem cells; derived pluripotent stem cells; HTS; HCS; phenotypic screening

Scientific Information

Chemical Library	
Description of the collection (number of chemical molecules, natural, royalty-free products, known synthesis methods, etc)	
Only custom repurposing libraries and specific pathway libraries	
Conditioning	P384
Database (structure, accessibility conditions)	LIMS= Sample/Assay/Warehouse (Discngine)
Member of the National Chemical Library	

Targets	
Targets for the screening service (e.g. protein targets, cell targets, etc.)	
Cell targets; phenotypic screening; metabolism targets	
Activities (e.g. cloning, protein expression, obtaining cell lines, management and storage of lines, cell culture, etc.)	
Compound management, cellular miniaturization, Assay development, Screening, Retests, Doses responses, Secondary assays	

High throughput screening	
Number of measurements/days (approx.)	Depending of the project timeline on the platform
Biological tests proposed (e.g. in vitro enzymatic tests, cell tests (binding tests, cell survival, image analysis, etc)	
Protein expression, protein colocalization, cell viability, apoptosis, enzymatic tests etc...	
Technologies / Equipment (robots, automats, etc.)	
BRAVO/BRAVO BenchCell/ BIOCEL ; CX7; IMX; Clariostar; FDSS	

Access	
Site teams	Under conditions
External academic teams	Under conditions
Private Outdoor Teams	Under conditions

Training courses offered
None