

PARTNER PLATFORM
High Throughput Screening / Hit to lead

Screenia

General information

Administrative information	
Structure	Medetia SAS
Address	Institute Imagine 24 Boulevard du Montparnasse 75015 Paris France
Website	www.medetia.com
Manager	Luis Briseno-Roa, Cofounder & CTO
Contact	luis.briseno-roa@medetia.com
Date of implementation	Jan-2019

Labels / quality approach	
IBiSA	No
ISO 9001 certification	No
National networks	Pharma, Medchem & IP Development
International networks	
Other	

Team	
Number of researchers	10 (total in company)
Number of engineers	1 (alternant)
Number of technicians	1
Number of administrative staff	0
Other	Specify

Main achievements	
Number of screenings performed since creation	2
Number of screenings performed per year	Less than 1
Fields of expertise / therapeutic areas	
Hit to Lead & Candidate discovery	

Scientific Information

Chemical Library	
Description of the collection (number of chemical molecules, natural, royalty-free products, known synthesis methods, etc)	
3.5k FDA approved / selected for Rare disease hit discovery.	
Conditioning	
Database (structure, accessibility conditions)	Patent Landscape
Member of the National Chemical Library	No

Targets
Targets for the screening service (e.g. protein targets, cell targets, etc.)

Phenotypic assay, in vitro binding (confirmatory) both in vivo, in vitro and ex vivo.	
Activities (e.g. cloning, protein expression, obtaining cell lines, management and storage of lines, cell culture, etc.)	
Lab L1, L2 laboratories plus access to L3	

High throughput screening	
Number of measurements/days (approx.)	Typically, we generate 5 a 50 Gb per day.
Biological tests proposed (e.g. in vitro enzymatic tests, cell tests (binding tests, cell survival, image analysis, etc))	
Proliferation, Cell Cycle, Apoptosis, Cytotoxicity, Mitochondrial Membrane Potential, Label-Free Viability, Scratch Wound Migration & Invasion, Immune Cell Activation & Proliferation, Neurite Outgrowth	
Technologies / Equipment (robots, automats, etc.)	
Phenix™ Opera with robotic arm. Incucyte™ Octet™ & Gyrolab Immunoassay™ Maestro Schrodinger (in silico screens) IP navigation landscapes for creation	

Access	
Site teams	Yes
External academic teams	Yes
Private Outdoor Teams	Yes

Training courses offered
Yes, for the use of the platform.