

# Anything

is druggable **with**  
**quantum accuracy**

# Our vision :

Unlock the value of undruggable targets  
with quantum-assisted drug discovery



# About Qubit

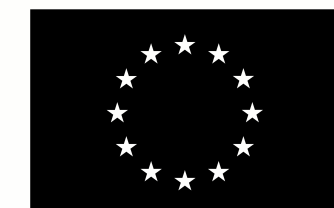
Started operations in Q2 - 2021

45+ team members in Paris & Boston

A portfolio of 6 drug discovery programs

A HPC-QC supercomputer 50pFlops AI & 30+ qubits

➤ +\$25m raised to support novel developments



# Rocket science is easy, you can point at the Moon !

We are embarking the most brilliant minds in theory, methods, software and drug design from both sides of the Atlantic to deliver on our mission and improve people's lives.



Pr Matthieu Montes

Expert in drug discovery.  
8 patents.  
1 compound at clinical stage.



Dr Louis Lagardère

Expert in HPC computations.  
Lead developer Tinker-HP.  
Atos Fourier Prize Laureate.



Pr Pengyu Ren

Expert in multiscale modeling of  
proteins and nucleic acids.  
Lead developer Amoeba



Pr Jay Ponder

Expert in biochemistry.  
Former chair Gordon conferences.  
Lead developer Tinker.



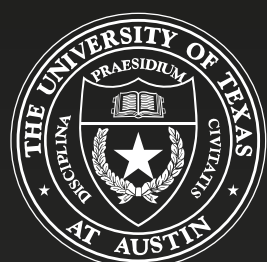
Pr J.-P. Piquemal | **CSO**

Expert in Quantum Chemistry &  
HPC computations.  
RSC fellow / project lead Tinker-HP.  
Atos Fourier Prize Laureate.



Robert Marino | **CEO**

Expert in deeptech  
entrepreneurship & quantum  
information processing.  
Launched 3 companies



le cnam



# Our 45+ person team of experts with a proven track record



Robert Marino, PhD  
**CEO**  
Serial entrepreneur  
Founded Europe's largest  
deeptech accelerator



J.-P. Piquemal, PhD  
**CSO**  
Co-lead dev Tinker-HP,  
World renown expert in  
Quantum Chemistry



Marion Pierfitte, MBA  
**COO**  
Biopharma | Product  
Launch & GTM Strategy |  
Digital Health | INSEAD



Éric Nicolai  
**Head of Med. Chem.**  
30+ years in drug  
discovery, BMS, Sanofi,  
Cerep



Léa El Khoury, PhD  
**Head comp chemistry**  
ABFE expert, worked  
on SAMPL challenge



Jérôme Foret, PhD  
**Chief Platform Officer**  
20+ years of experience  
in software development.  
2 startups founded in AI.



Boris Sattarov  
**Lead AI Generative  
Modelling**  
Ex DeFabritiis lab,  
ex 99 and beyond.



Pierre Ducrot, PhD  
**Drug discovery program  
director**  
20+ years in pharma.  
Pfizer, Servier Sanofi, AZ



Sarada Looock  
**Head Of MarCom**  
15+ years of experience  
in marketing &  
communication.



To Be Announced  
**CTO**  
15+ years of experience  
in CADD.



To Be Announced  
**General Secretary**  
25+ years of experience  
in legal, HR, company  
management.



To Be Announced  
**VP Bus Dev, Boston**  
15+ years of experience  
in BD & Licensing.



45+ team members

700+ publications

40+ drug discovery programs brought to preclinical & clinical stages

Paris  
Boston  
Sherbrooke

# A diverse portfolio in inflammation, oncology & antivirals

Type	Target & Area	Discovery stage			Estimated market value
Fast-follower	IL4R - Inflammation	Target / MOA characterisation	Hit to lead	Lead to precandidate	\$10Bn / y
Fast-follower	GPCR - Inflammation	Target / MOA characterisation	Hit to lead	Lead to precandidate	\$1-10Bn / y
Fast-follower	KAT6A - Oncology	Target / MOA characterisation	Hit to lead	Lead to precandidate	>\$10Bn / y
Novelty driven	mRas - Oncology	Target / MOA characterisation	Hit to lead	Lead to precandidate	\$1-10Bn / y
Fast-follower	USP7 - Oncology	Target / MOA characterisation	Hit to lead	Lead to precandidate	\$1-10Bn / y
Novelty driven	Metalloenzyme - Oncology	Target / MOA characterisation	Hit to lead	Lead to precandidate	\$1-10Bn / y
Fast-follower	M <sup>pro</sup> - antivirals	Target / MOA characterisation	Hit to lead	Lead to precandidate	Applying for EU fundings
+16 additional drug discovery programs under evaluation					
		Fully owned	Pharma Biotech	Academic partnership	



# We have assembled all assets to be **the future of drug discovery**

## Rapid progress on complex targets

Lead in 6 months against a \$10bn undruggable target

## The right team

Seasoned drug hunters supported by leading technologists

## Flexibility derived from computing power

Target agnostic & petascale platform

## From drug hunting to drug farming

A pipeline of 6 drug discovery programs

