



Augmented R&D in biotechnology

Djomangan A. OUATTARA, CEO

Biotuesdays, 05 Jan 2021

An experienced, operational and complementary team

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Djomangan Adama OUATTARA
PhD Ecole Centrale

CEO



Wassim ABOU-JAOUDE
PhD Polytechnique X, Self-entrepreneur

CSO

+ 2 new team members

- 1 PhD, genomics (bioinformatics)
- 1 Software developer, fullstack

A passionate and committed advisory board and partners since the beginning!

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Nathalie GARÇON
CSO, Bioaster
Former VP GSK (Vaccine)



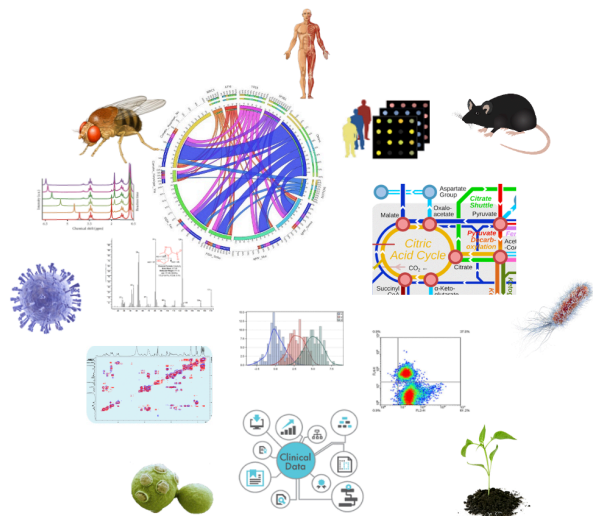
Frédéric LEJARD
Serial entrepreneur
Former Global External Innovation
Director BAYER (Retired)

Academic collaborations



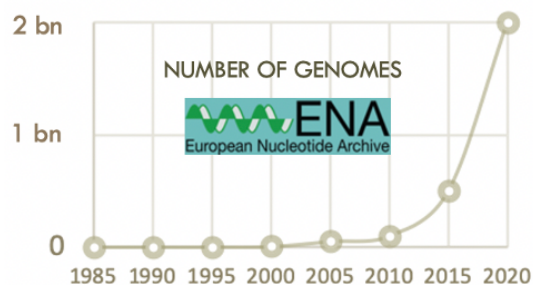
Most of data in biotechnology are untapped

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HUGE AMOUNTS OF DATA

ONLY FEW VALUE EXTRACTED



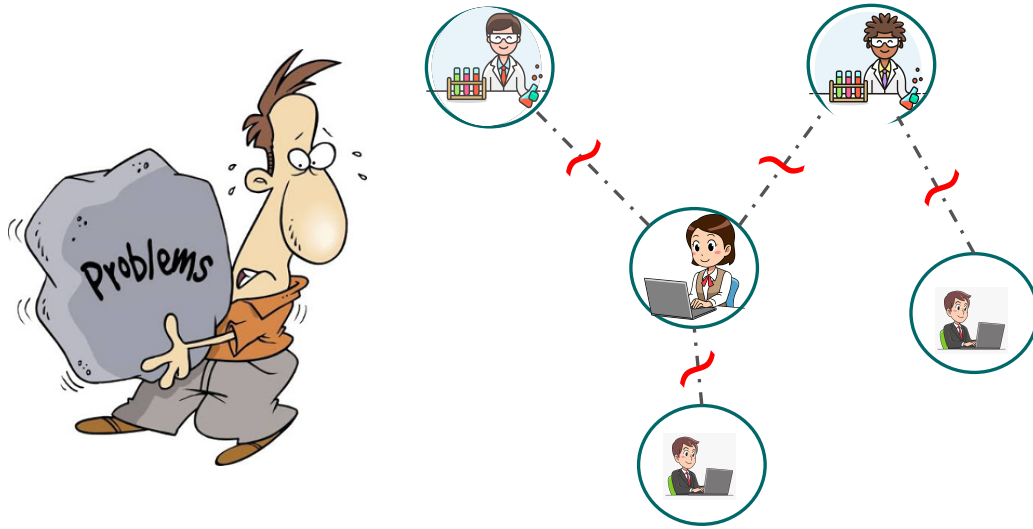
Exponential growth of data



Success rate is now < 10% in pharma

A systemic problem: difficult to connect skills and data

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X Difficult to handle AI solutions

X Heterogeneous skills and data

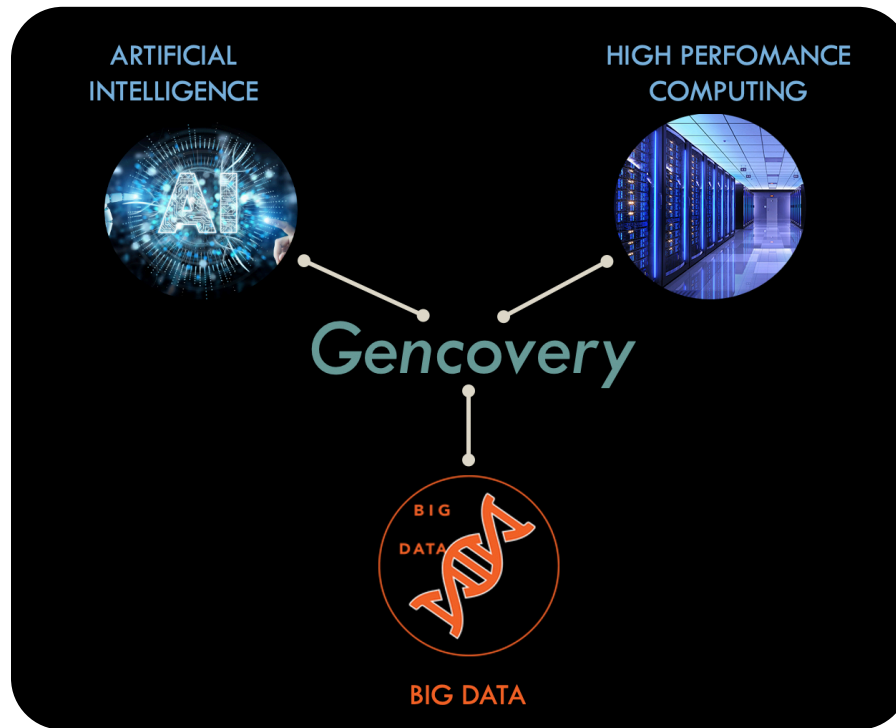
X Silos at work in R&D

Vision and mission

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We augment R&D in biotechnology by globally connecting data and skills

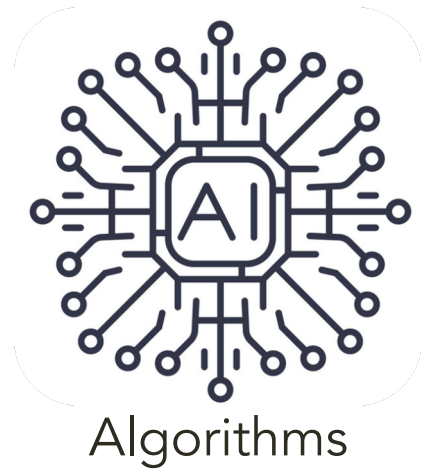


Tomorrow
bio-solutions for sustainable
health & well-being

Game changer

A collaborative AI solution based on more than 8 years of R&D

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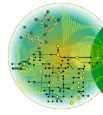
Collaborative working



- ✓ Easy-access AI solutions for bio-experts
- ✓ Sustainable valorisation of data and know-how
- ✓ Reduction of failures and costs

A pragmatic, operational and sequential market access strategy

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Bioengineering



Biomanufacturing

MICROBIOTA

+20% CAGR



TOP PRIORITY

CMO/CDMO

Biopharmaceuticals
+10% CAGR



PK/TK

Bioartificial organs
+12% CAGR



BIOTECH Pharma



AGRI-TECH



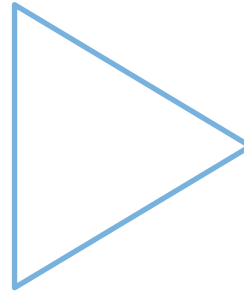
VACCINE



NUTRITION



BIOCLEAN



A differentiating technology and approach

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Data ERP & LIMS



Data analytics / AI



Digital organisms



Augmented R&D

Automated design of digital organisms



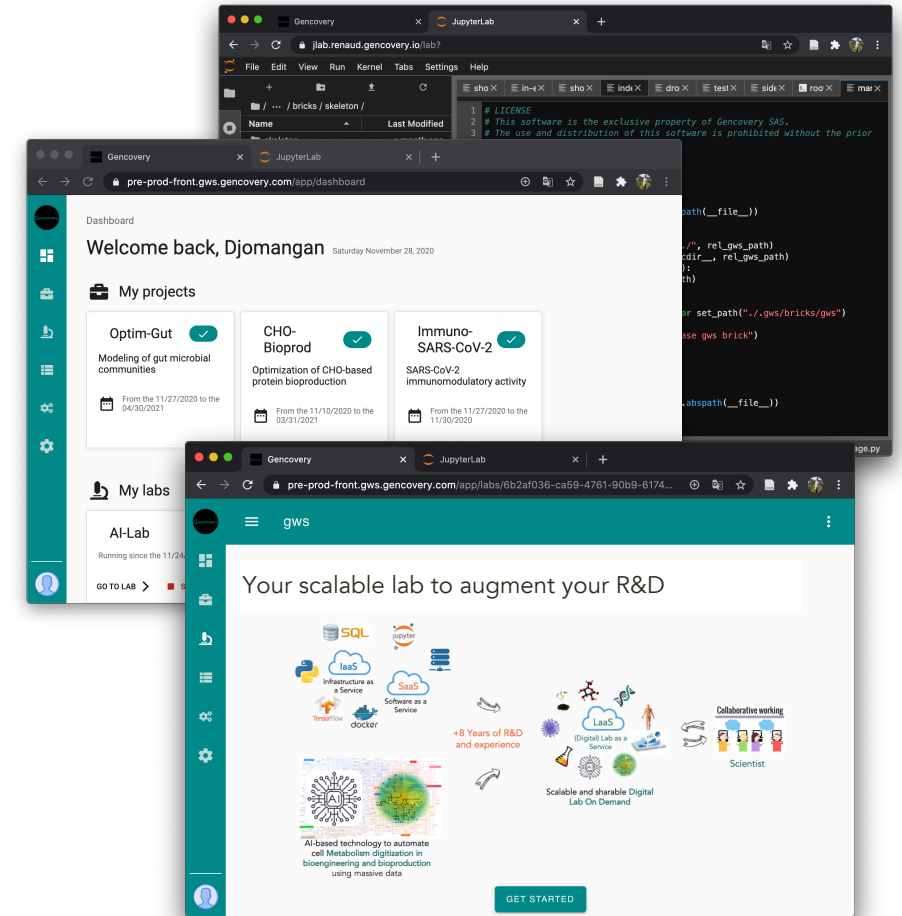
Analytic process traceability



Collaborative analytics



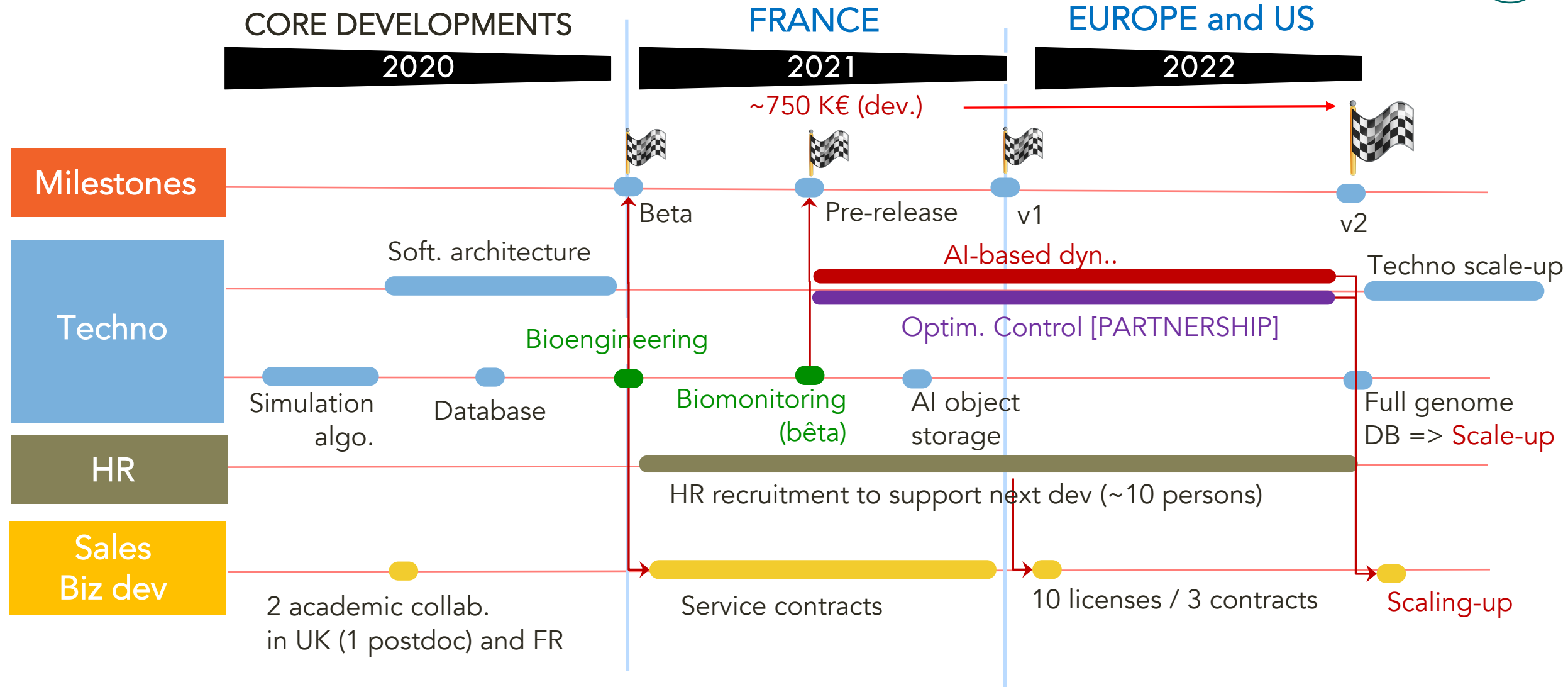
User-centric digital labs as a service



Scalable digital labs for Augmented R&D

An operational roadmap

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Thanks to our partners

