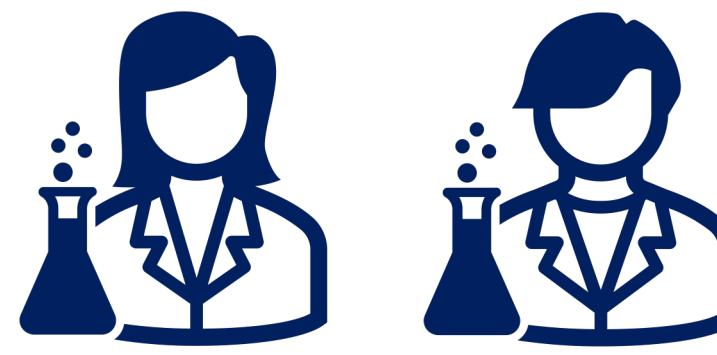


Más allá de los laboratorios: El emprendedor científico y su impacto

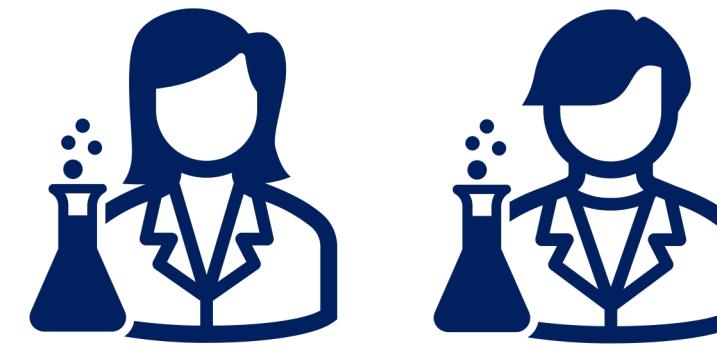
Maier Avendaño. Ph.D.



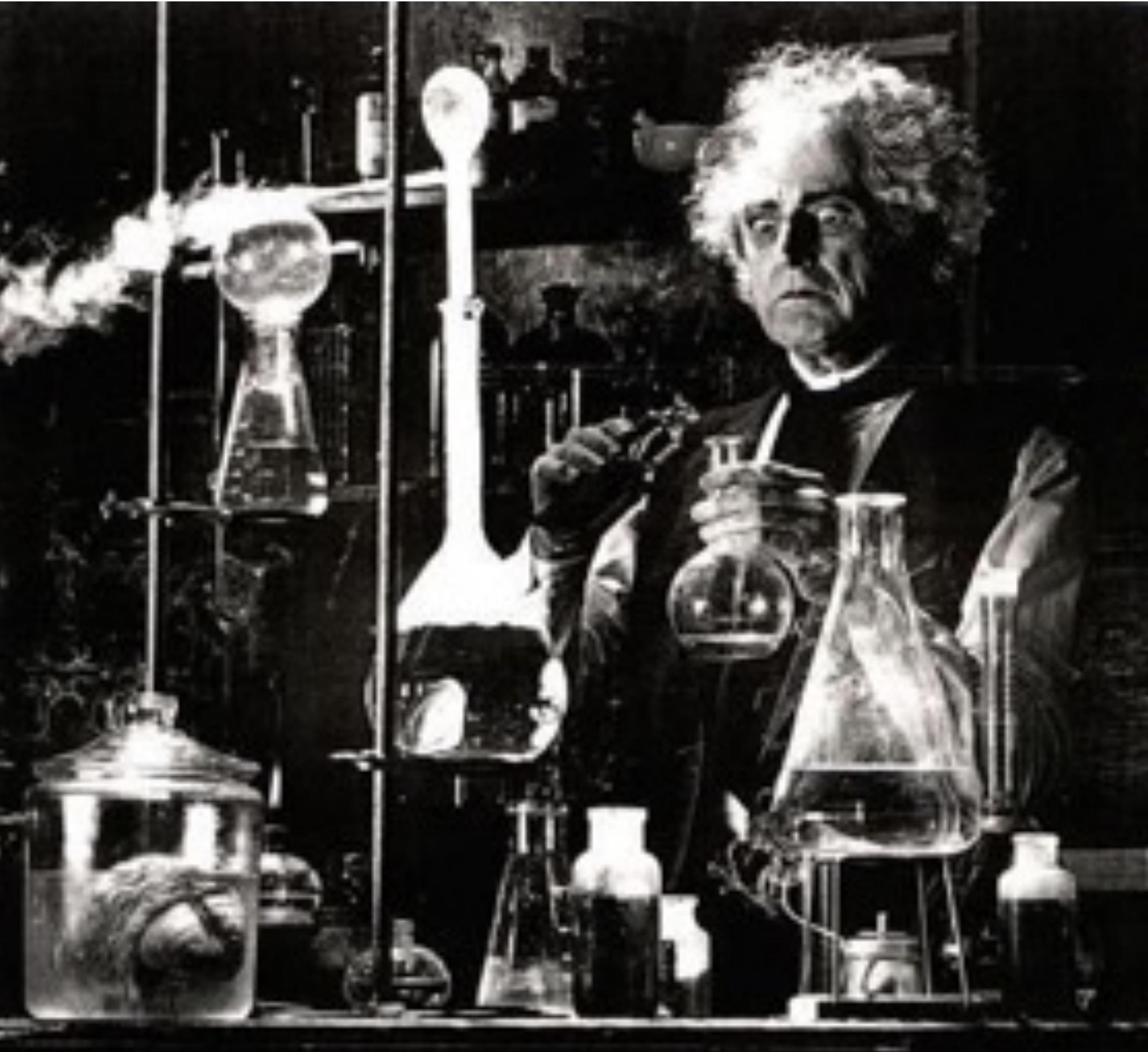
¿Cómo se imagina a un científic@?



¿Cómo se imagina a un científic@?



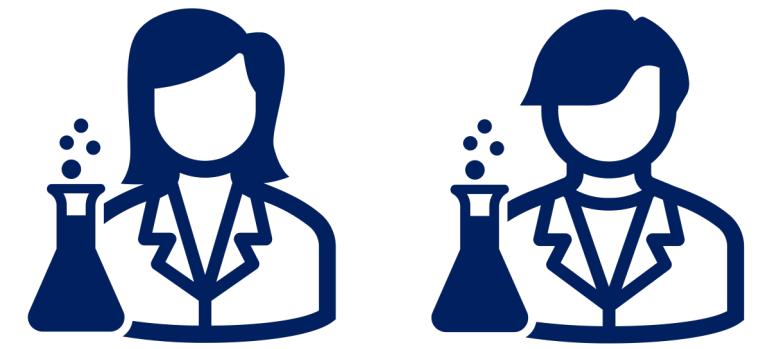
Culturalmente, tenemos una percepción errónea del científico!



¿Cuál es el role y que impacto tiene en la sociedad?

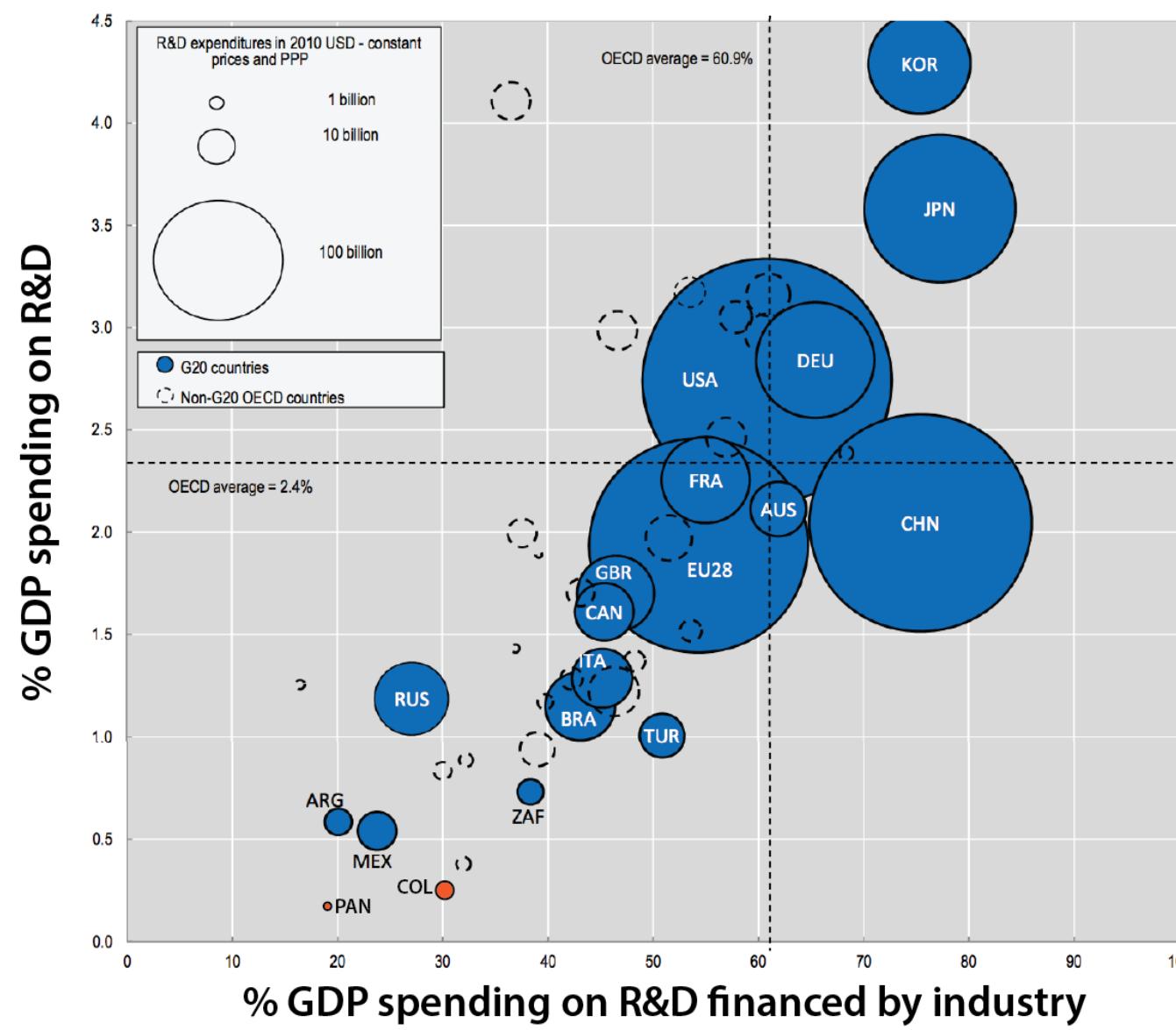


¿Cuál es el role y que impacto tiene en la sociedad?

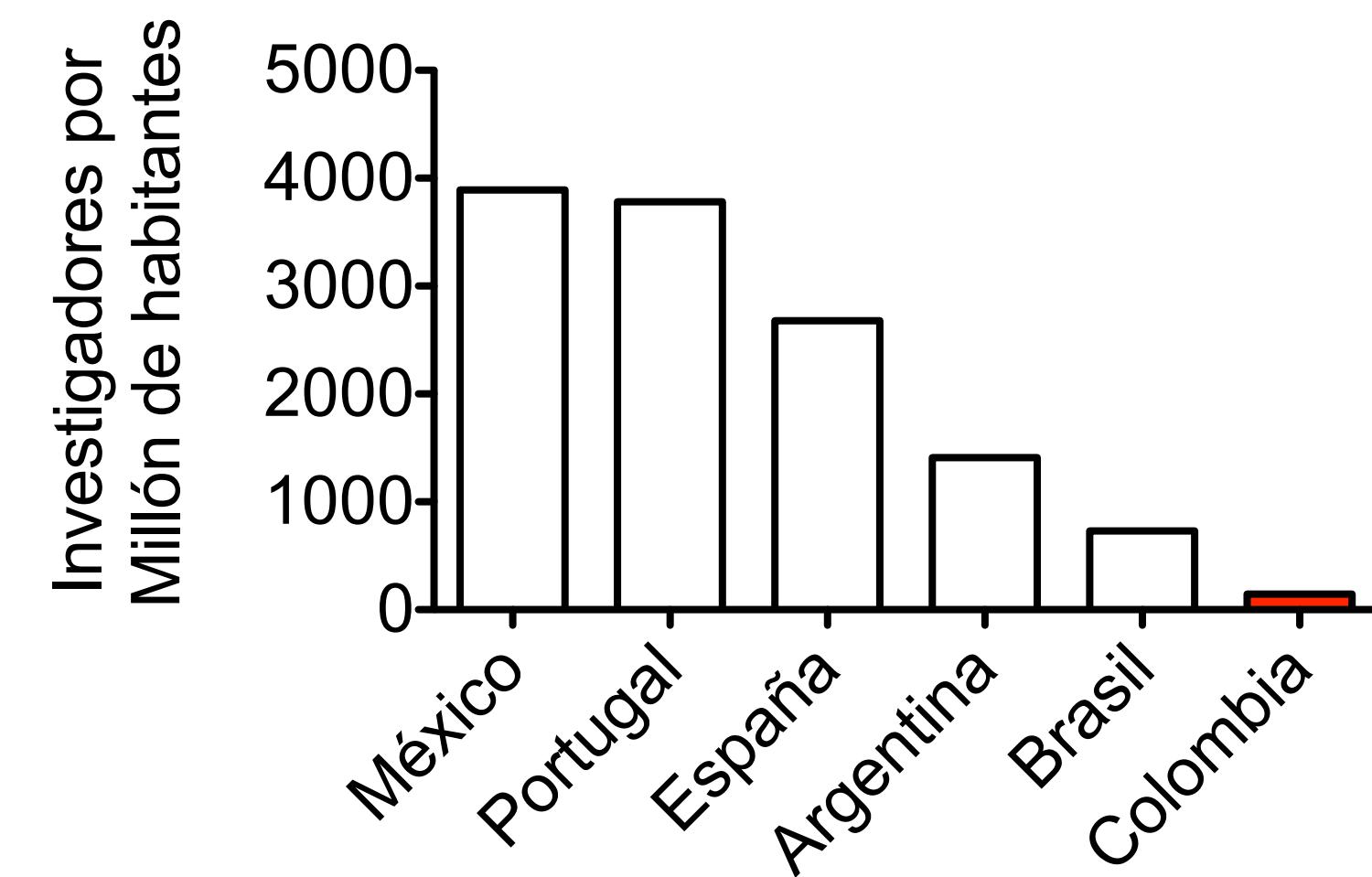


La ciencia y la tecnología se perciben como un lujo y no como la base para el desarrollo social y económico

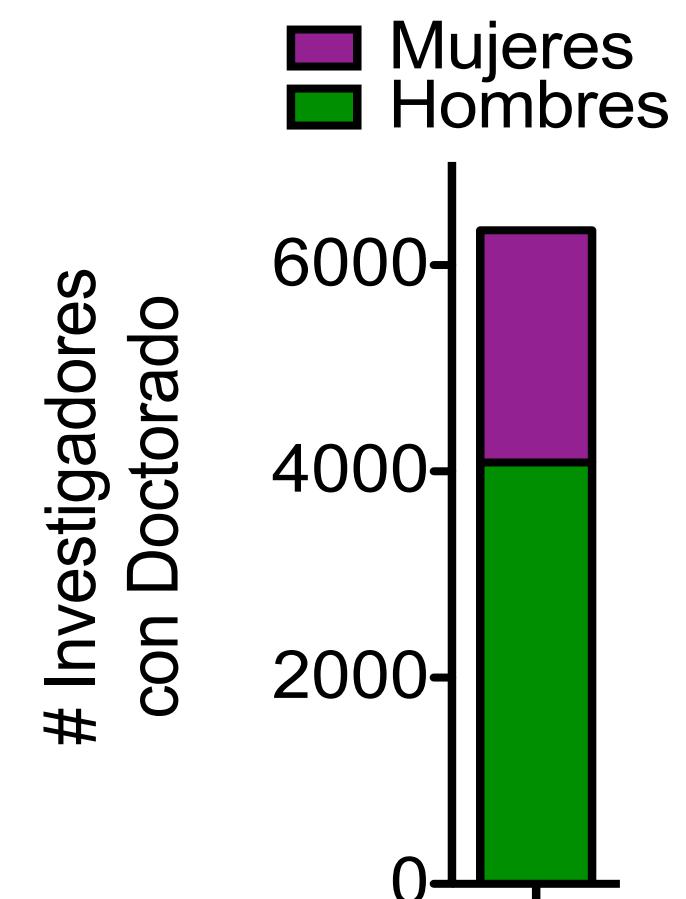
Minimal amount of investment in R&D



Scarce human capital



Strong gender bias



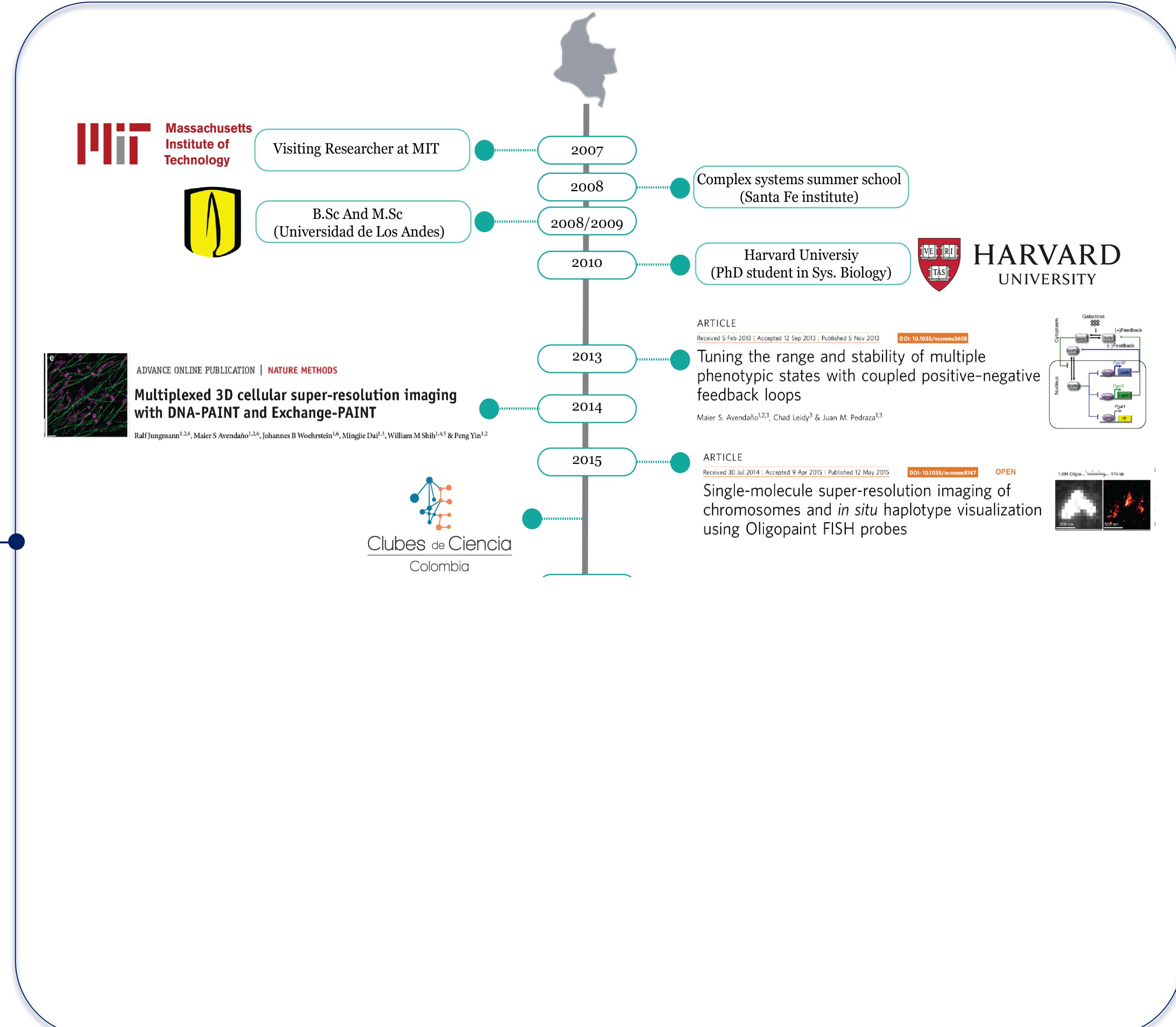
Take Home Messages

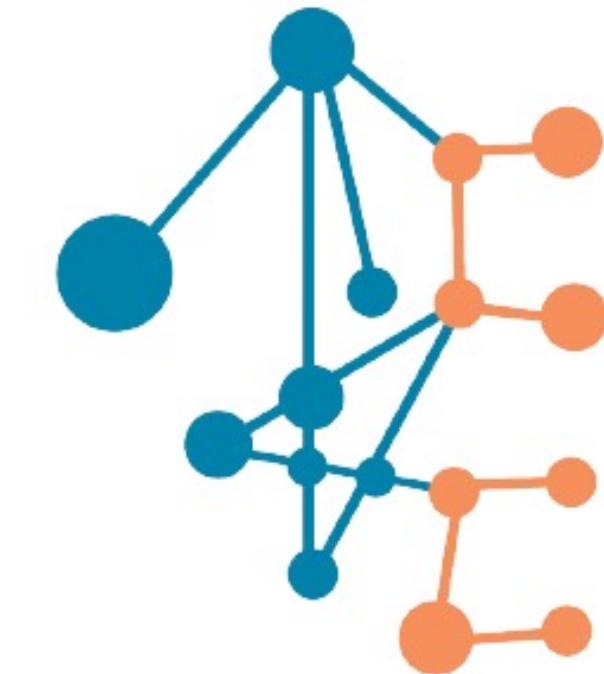
La ciencia y el emprendimiento se pueden entrelazar para dar vida a soluciones que transcienden las barreras y crean un impacto duradero en la Sociedad





Career path time-line: it is never a straight line





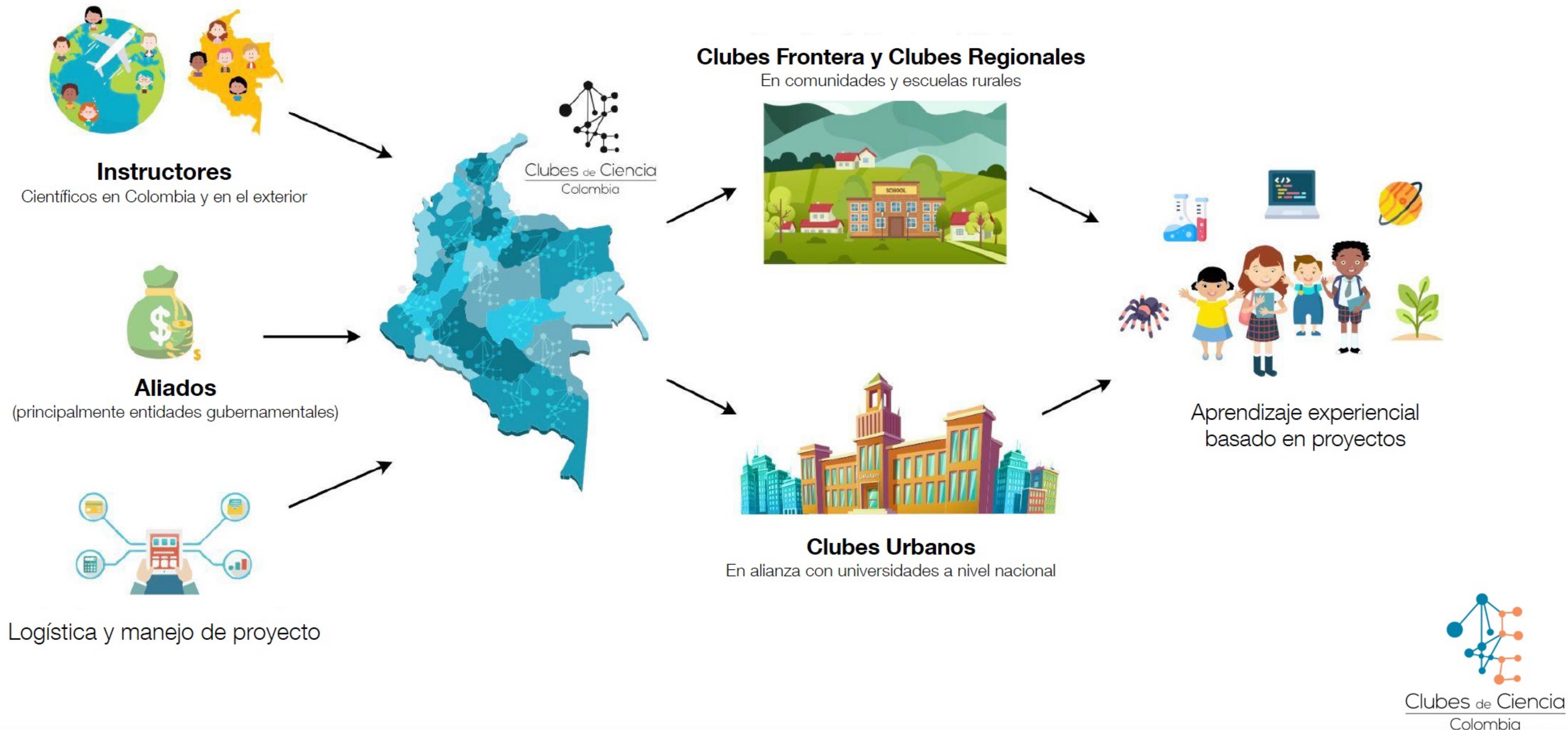
Clubes de Ciencia Colombia

Un proyecto de:

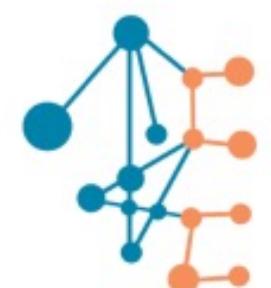
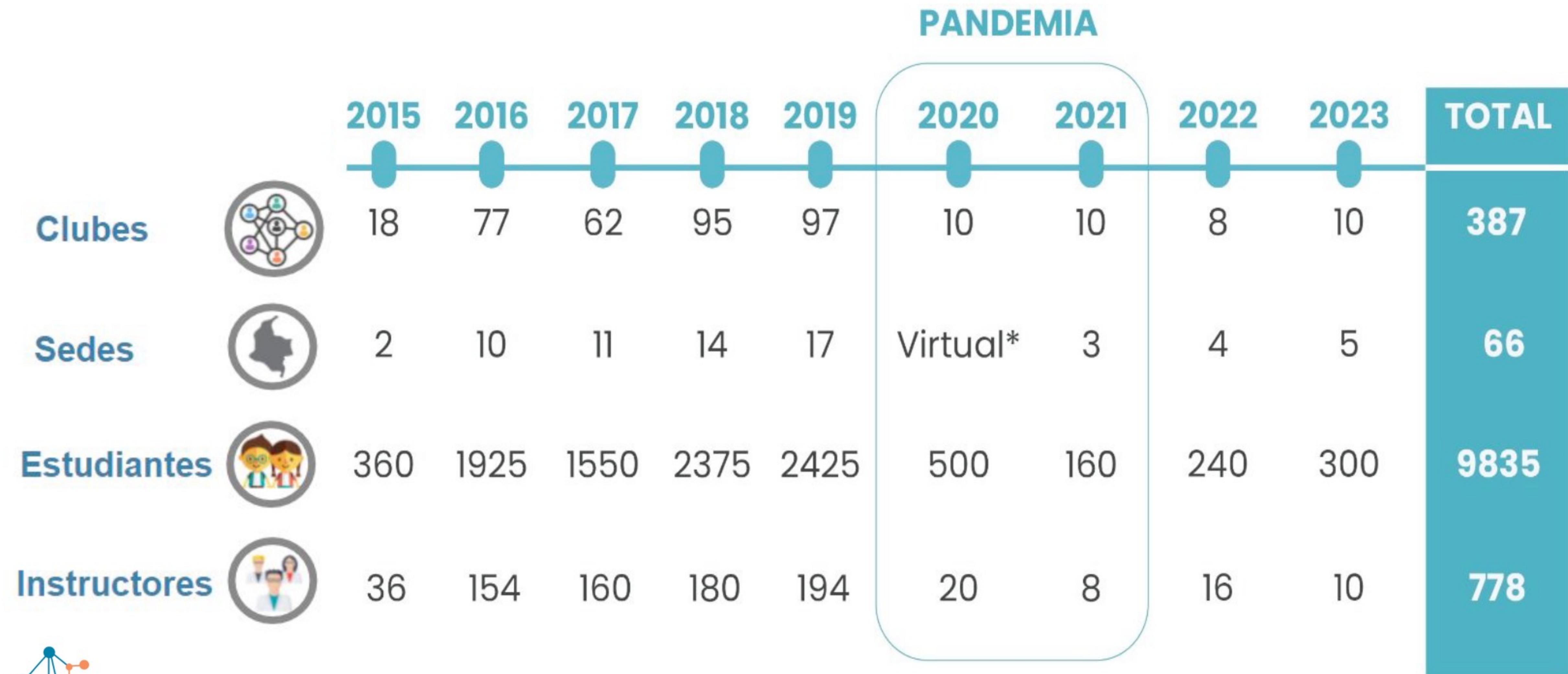
SCIENTELAB
Transformando Con Ciencia

Generando **transformación social** a través de la **ciencia, la tecnología y la innovación**.

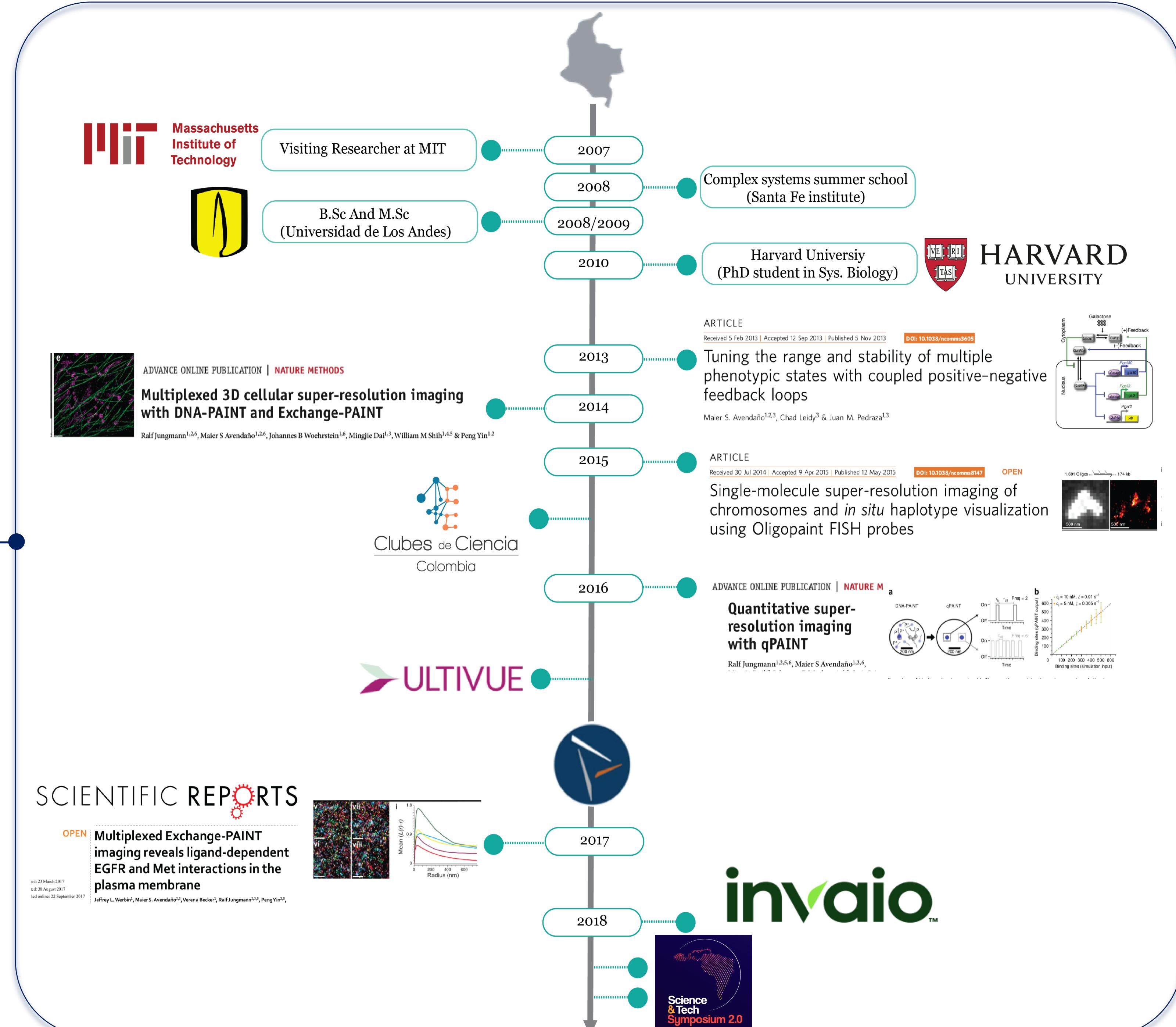
Componentes de un Club de Ciencia



CdeC en números



Career path time-line: it is never a straight line



Flagship Labs, Enterprise and Ecosystem



FLAGSHIP LABS

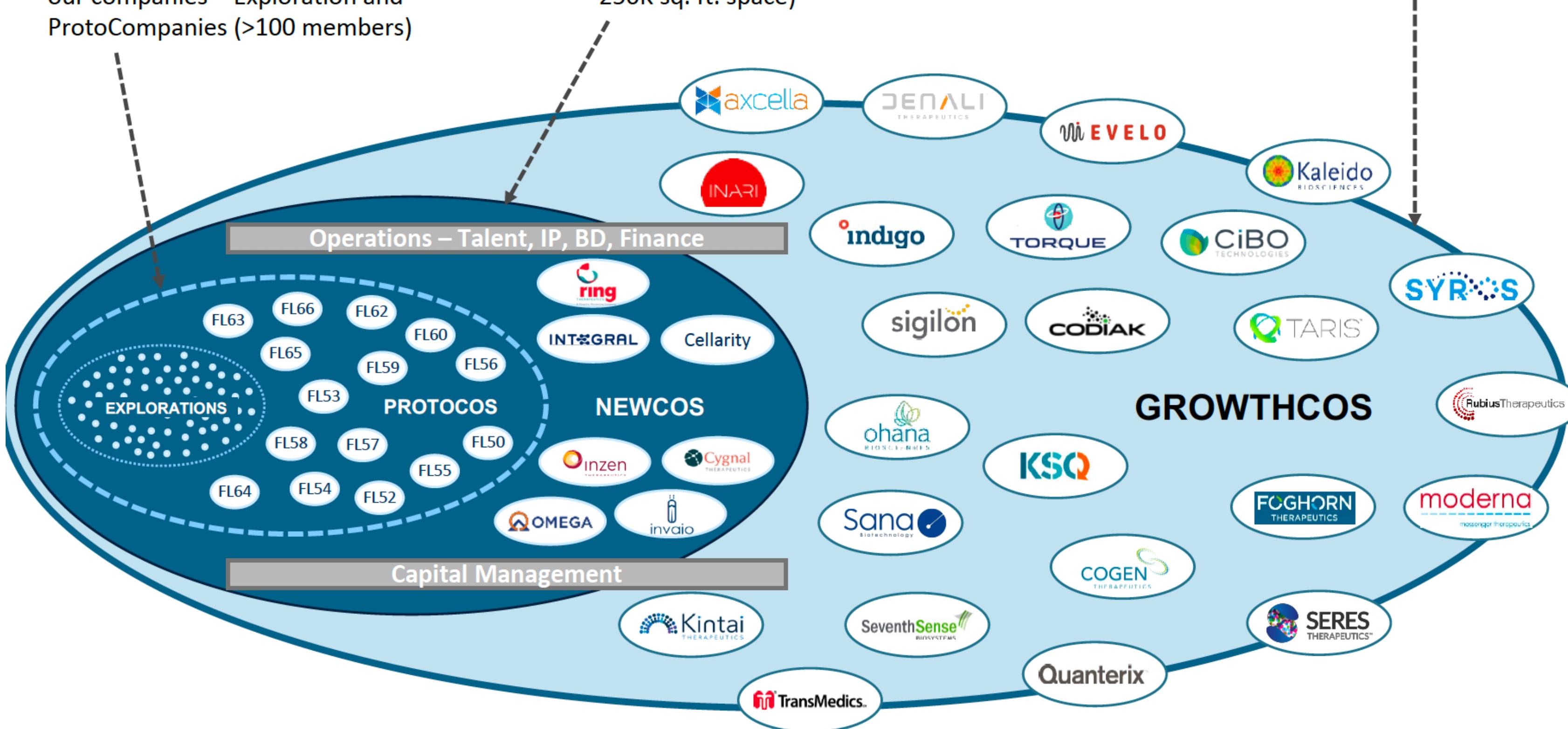
Experienced scientists, entrepreneurs and operational executives providing economies of scale to the creation and growth of our companies – Exploration and ProtoCompanies (>100 members)

FLAGSHIP PIONEERING ENTERPRISE

Includes wholly owned companies conceived by Flagship Labs team and led by Flagship executives during first 2-3 years (300+ members and 250K sq. ft. space)

FLAGSHIP PIONEERING ECOSYSTEM

Includes growth-stage companies spun-out of Enterprise (3200+ members and 1.3M sq. ft. space)



Reimagining the future of agriculture

invaio™

Leaving every
acre better

A Flagship Pioneering Company



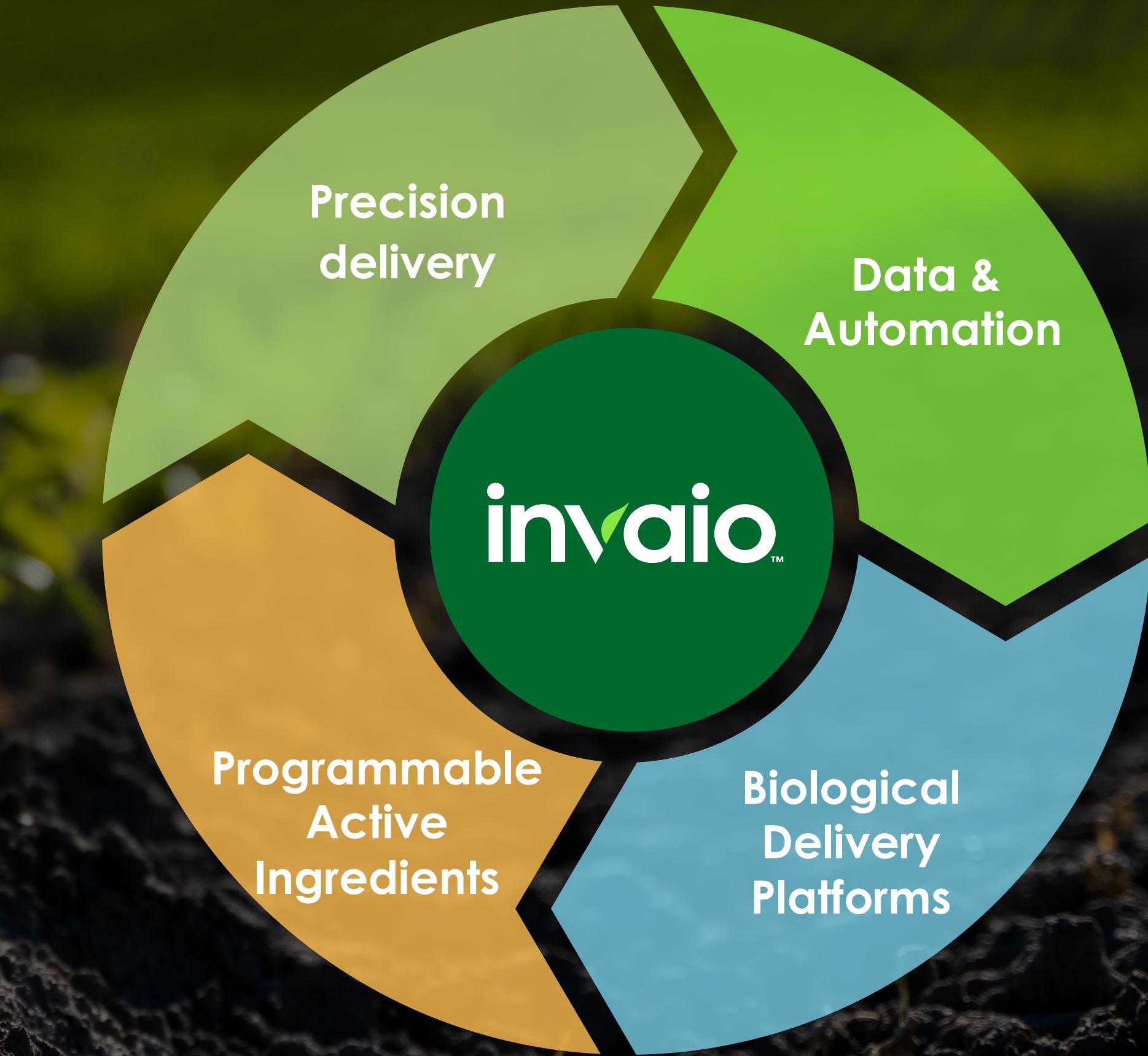
Agriculture and food production urgently need to change

- Less fertilizer & fewer chemicals per acre
- More targeted and effective use of biologicals
- Net carbon negative
- Digitally enabled
- Economically attractive for all
- Focused on consumer demands
- Fully traceable



Invaio is a BioPlatform company driving innovation for better agriculture

We leverage advances in human health and computing to enable a more sustainable future for global agriculture.



How We Innovate

Invaio Sciences

Founded in

2018

By Flagship Pioneering

Team of

140

biologists, agronomists,
engineers, digital pioneers
and industry experts

Patent applications filed

433

in 39 patent families

14 patents / allowances issued

Sites

7

HQ: Cambridge (US)
RTP North Carolina (US)
Basel (Switzerland)
Puglia (Italy)
Sao Paulo (Brazil)
Barcelona (Spain)
Ft. Pierce, Florida (US)

Crop health solutions For all major markets



PERENNIAL CROPS

- Disease and vector control
- Tree nutrition & health
- Carbon sequestration

ROW CROPS

- Seed applied technologies
- Insect management

VEGETABLES

- Bacterial, fungal disease control
- Insect Management
- Food safety

Take Home Messages

La ciencia y el emprendimiento se pueden entrelazar para dar vida a soluciones que transcinden las barreras y crean un impacto duradero en la Sociedad

Un emprendedor científico:

Resuelve problemas, crea oportunidades y transforma desafíos en avances que benefician a toda la Sociedad

Convierte ideas innovadoras en realidades impactantes que moldean nuestro mañana

Lideran los avances hacia un futuro más brillante y sostenible

La colaboración es el pilar fundamental en el proceso de innovación.

Creatividad es siempre el resultado del trabajo equipo



Gracias
mavendano@invaio.com