

Global Startup Campus Institutes

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World trends of Bio Institutes

MRC Laboratory of Molecular Biology, UK (since 1962)

- a total 12 Nobel laureates (most recent Greg Winter)
- 50 PIs (young to senior team style)

MRC F. Crick Institute (since 2017) , UK

- 100 PIs (early career young researchers style)

MRC R. Franklin Institute (since 2021) , UK

- 5 core PIs (big team style)

Broad Institute (since 2004) , USA

- 17 core members (big team style)
- + affiliate members (Harvard & MIT)

EMBL Institutes (since 1974), EUs

- 6 sites (specialized research areas), 100 research teams

Why institute independent from universities?

- **No bond to old fashion and vested rights (既得權益)**
 - **Rapidly adoptable to the evolution of science (trend)**
 - **Efficient and concise administration**
 - **Directly connectable to innovation**
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- **Inclusion with a business unit**
 - **Easier to make them self-sustainable**

What makes the institute unique in the world

- **The Institute focuses on collaborative programs**
(not individual researcher's program)
 - **High impact and innovative research occurs by collaborations between top researchers having different expertise**
(Japanese scientists are not good with collaborations)
- **Collaborative projects will be selected based on academic and social impact by an institutional committee**
 - **The committee consists of academia, industry, and VC**
- **Institutional core PIs are inventors of unique platform technologies**
 - **They are catalysts for collaborations and participate every project selected**

Potential institute format

