

Open data and align their conclusions into common policy recommendations: the biomedical research case

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- Data Science: est 2020 with "Dipartimento d'eccellenza" grant from Italian govt
- Three international recruitments: Sebastian Goldt (ENS, theory of neural networks), Roberto Trotta (Imperial College, astrostatistics), G.S. (U. Edinburgh, biological modelling).

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- In general, need for deep consultation with stakeholders and clear goals

- Established in 2013 with a UK Govt Grant of 250M
- Tasked to deliver the 100K Genomes project
- Award-winning for patient inclusion
- Direct link with NHS and DHSS for policy implementation



Less virtuous example

- No clear pathway to influence data collection
- No infrastructure for data gathering and sharing
- Explosion of publications reliant on single-hospital/ single-ward cohorts
- Essentially impossible to leverage data for rational decision making

