PERSONALISED MEDICINE

The Human Genome Project, a 13-year long international effort to sequence the entire euchromatic human genome, was declared complete in April 2003. As subsequent advances in sequencing and informatics technologies made large-scale genomic analyses significantly more affordable and accessible, researchers have launched ambitious genomic projects aimed at further elucidating the mysteries of the human genome.

Our increasing comprehension of the human genome may enable researchers and healthcare providers to tailor treatments to needs of individual patients rather than adopting a one-fits-all approach. **Evolution Global**'s latest infographic takes a look at some of the institutions and companies that are involved in the booming field of **Personalised Medicine**, also known as Precision or Stratified Medicine.

2012

100,000 Genomes Project launched in the UK, the project intends to focus on rare diseases, some common types of cancer, and infectious diseases.

Icelandic company DeCODE Genetics, which proposed the world's first population-wide genetic biobank in the late 1990s, is acquired by Amgen for $415M.

2013

Saudi Human Genome Program launched; with the goal of mapping the genetic codes of 100,000 people in Saudi Arabia.

National Qatar Genome Strategy Project launched.

Amgen spins DeCODE's genetics systems and database to a new company called NextCODE Health.

2014

EU-funded Innovative Medicine Initiative launched.

Qatar Hamad-Duke Center for Personalized and Precision Medicine launched.

2015

WuXi PharmaTech acquires NextCODE Health from Amgen for $65M.

US President Barack Obama launches $215M Precision Medicine initiative, the centrepiece of which will be a national study involving the DNA and health records of 1 million volunteers.

The Initiative on Rare and Undiagnosed Diseases (IRUD), launched by the Japan Agency for Medical Research and Development.

The California Initiative to Advance Precision Medicine (CIAPM) is launched.

The Precision Medicine Catapult (PMC) aims to make the UK a world centre for precision medicine.

Icelandic company DeCODE Genetics publishes multiple studies utilising their Icelandic biobank.

2016

China Precision Medicine Initiative launched.

Contextual Genomics and the Personalized Medicine Initiative launch Phase 2 testing.

Genomics Innovation Hub launched in Australia.

France Genomic Medicine 2025 policy published.

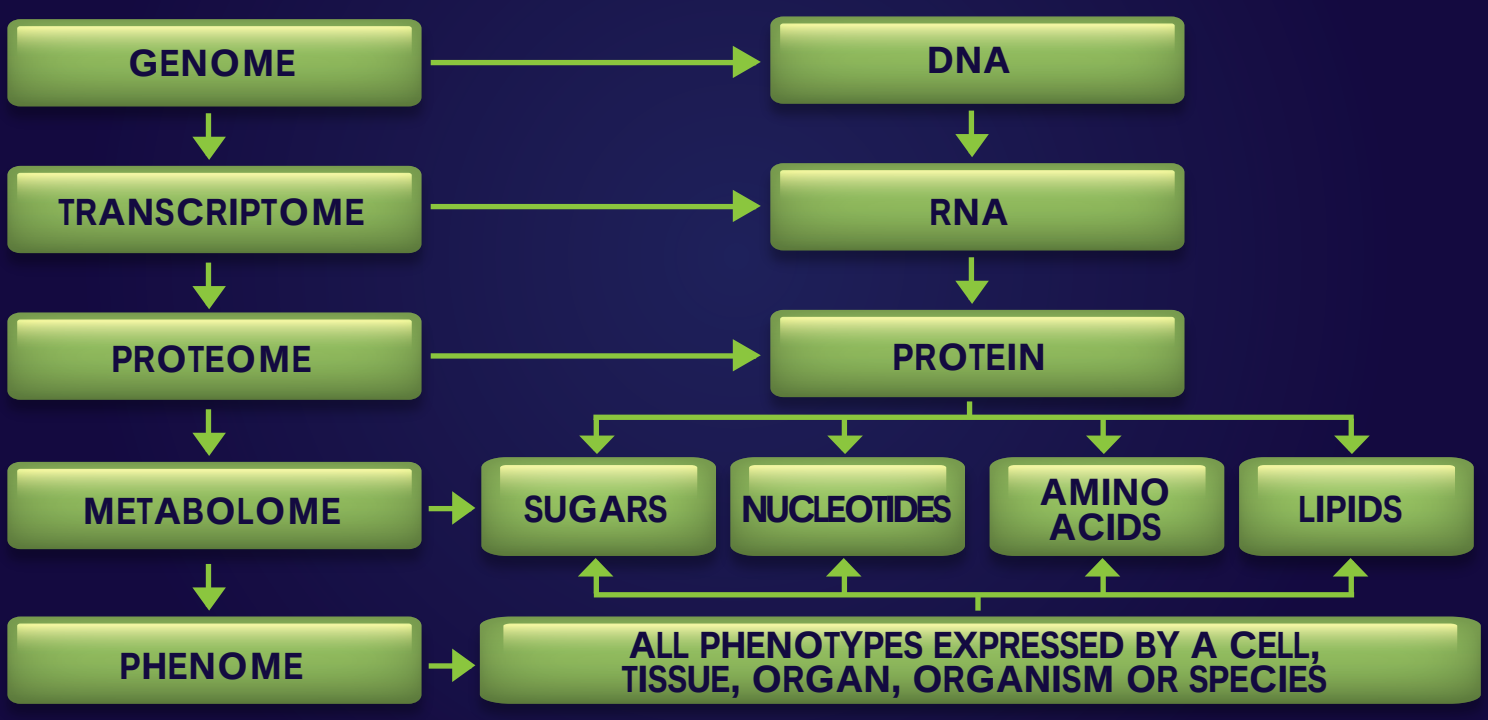
2017

Swiss Personalized Health Network (SPHN) initiative commences.

England's Chief Medical Officer Dame Sally Davies calls for making genomic testing as common as blood tests to usher in the era of precision medicine to treat cancers and rare diseases.

LOOKING BEYOND GENOMICS

Whilst significant progress has been made in terms of genomic sequencing, a holistic, all-encompassing approach to personalised medicine is required.



EVOLUTION GLOBAL TALENT ATTRACTION

EVOLUTION BIOSCIENCE