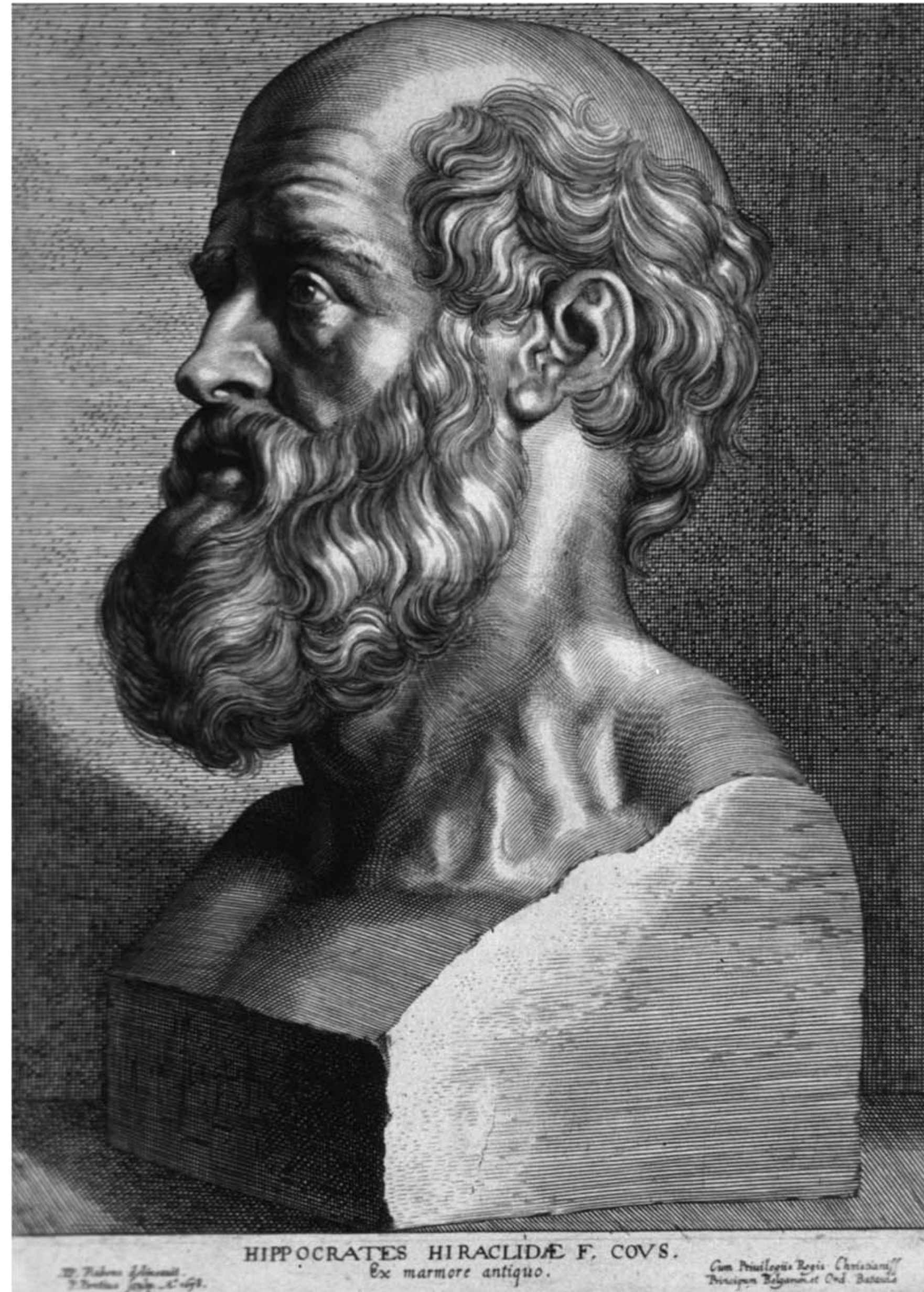
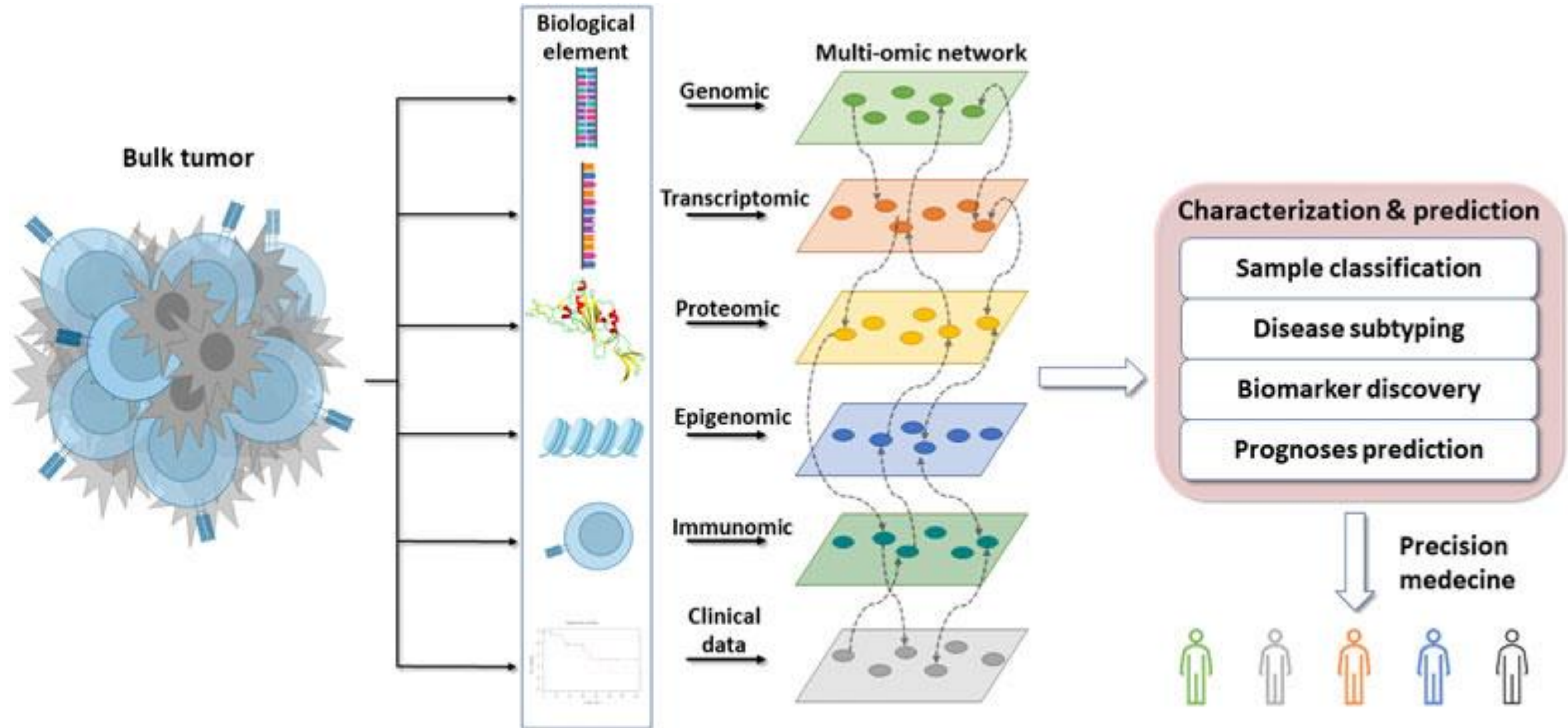


Precision medicine – not a new concept



Technology advances change the game



From **cancer** research to cure

Oslo Cancer Cluster is an oncology research and industry cluster dedicated to improving the lives of cancer patients by accelerating the development of new cancer diagnostics and treatments.

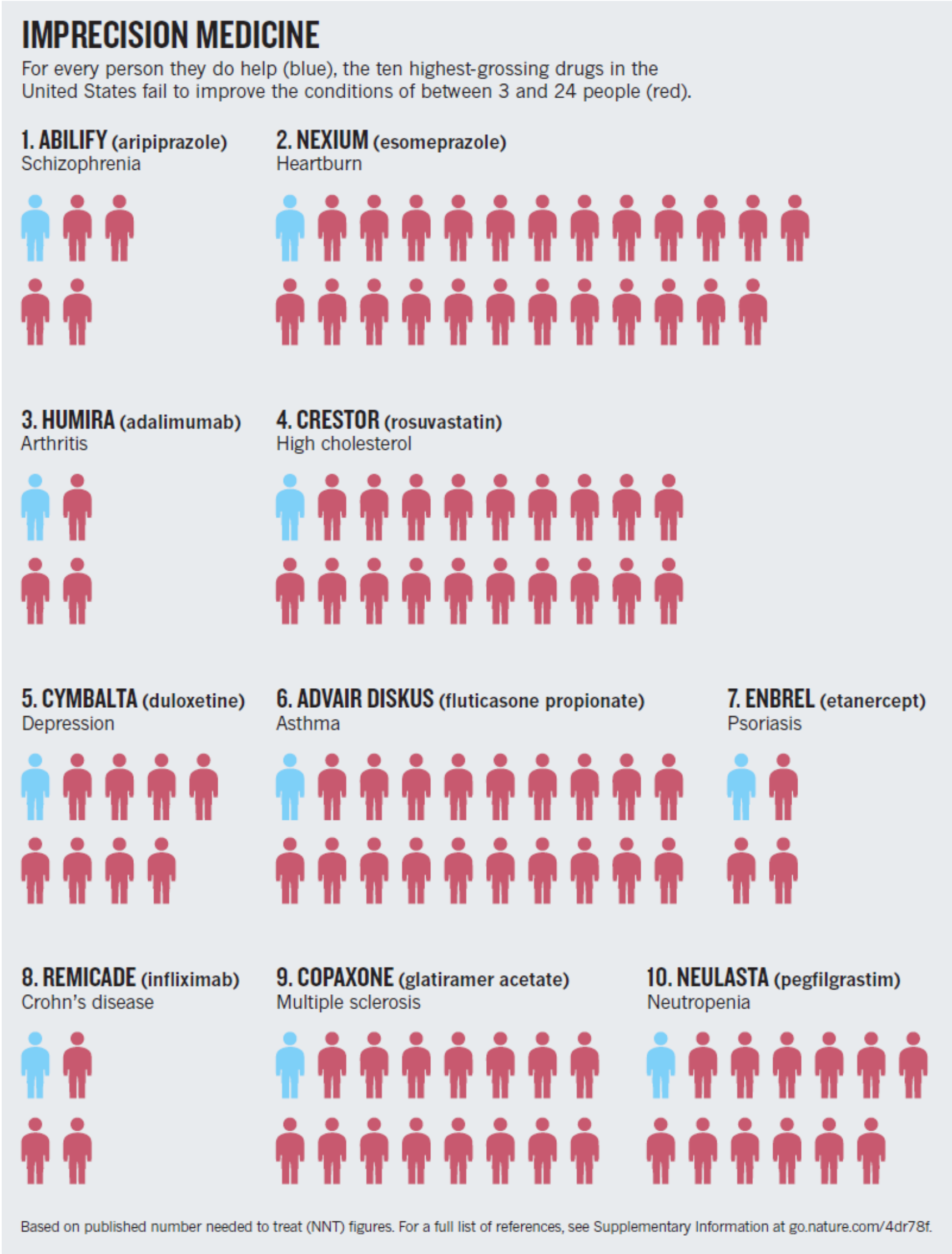


Members of Oslo Cancer Cluster

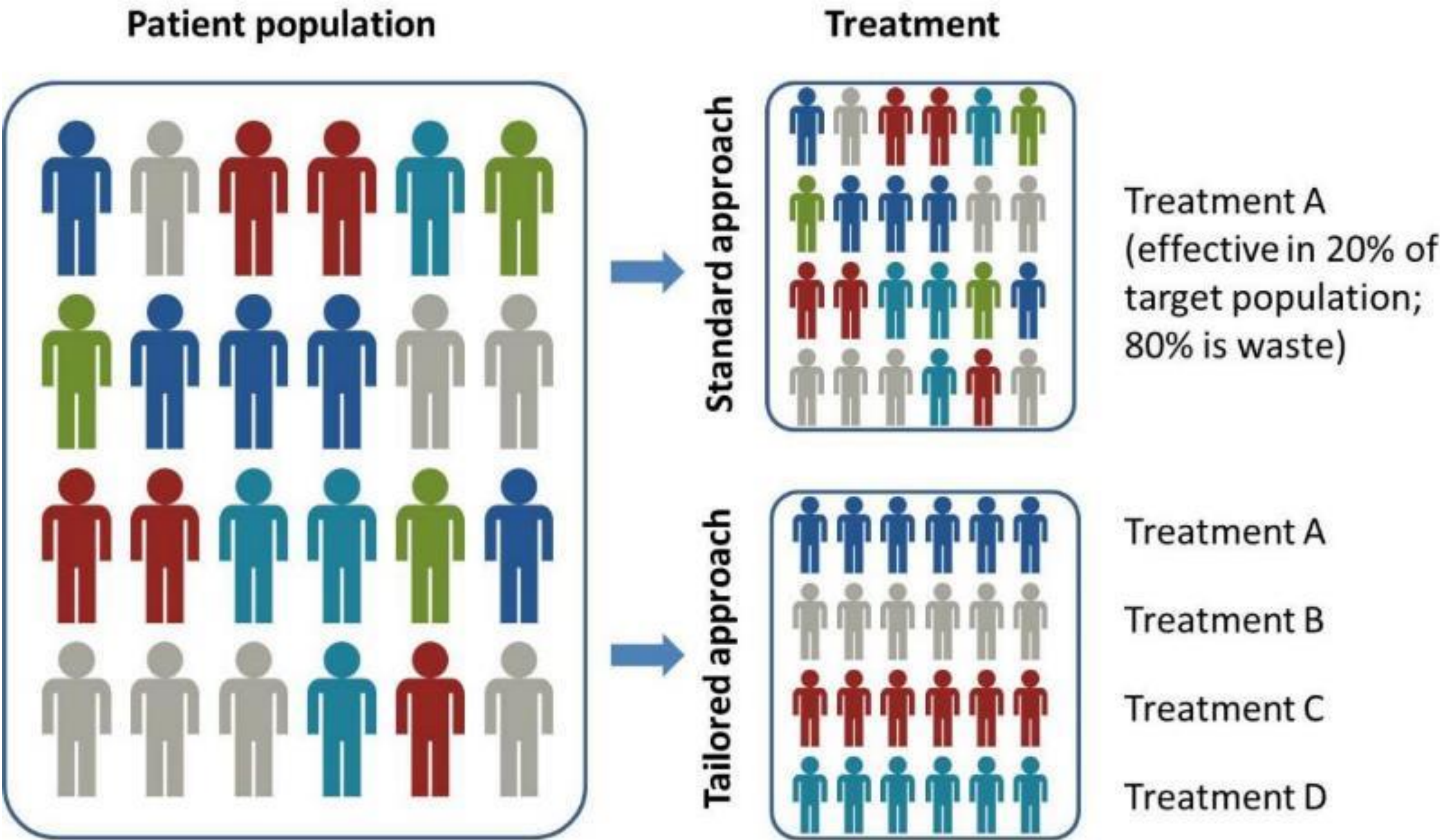
- Leading innovation cluster
 - Centrally positioned and connected to global industry
 - ECEI GOLD Label "Excel in Cluster Excellence"
- Award-winning Incubator
 - > 30 start-ups / companies
 - Successful financing / IPO
 - EU / national program award
- International cooperation
 - EU projects funded / mediated funding
 - Strong US / EU network
- National genetics and precision medicine
 - Connect project initiator and coordinator



Today: imprecision medicine

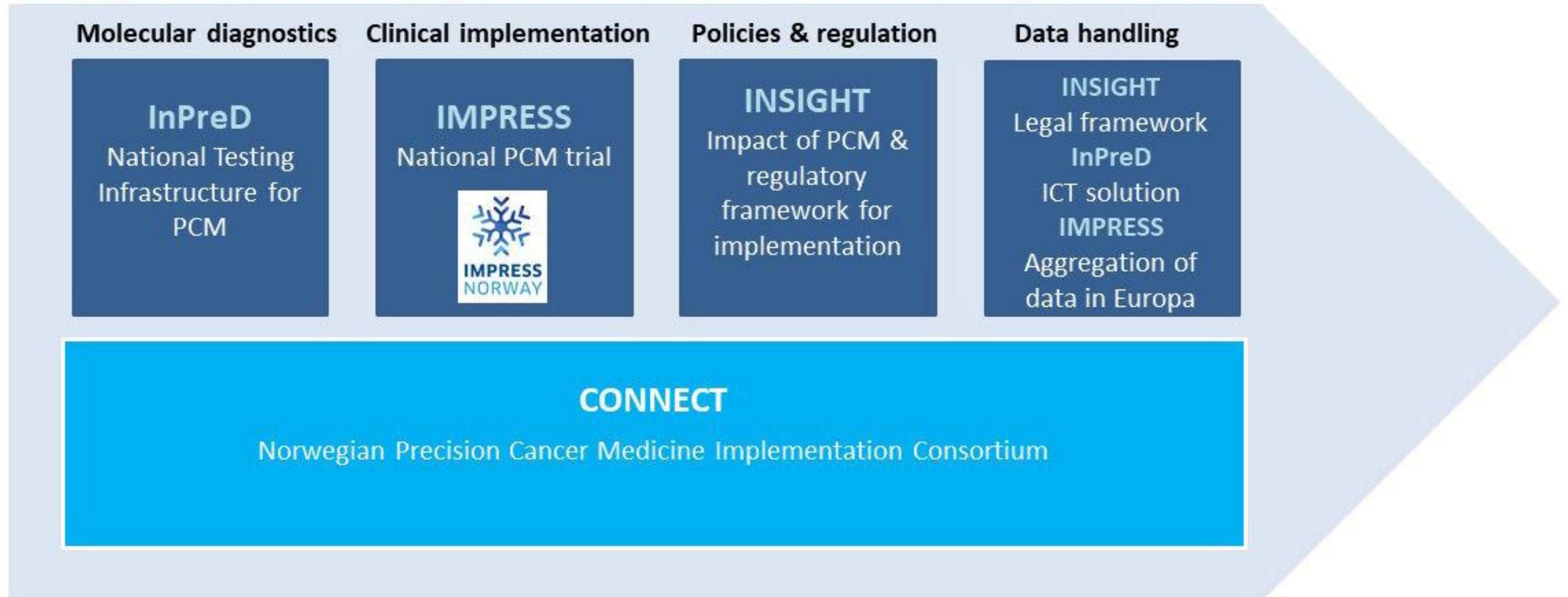


Data will change medicine



Implementing Precision Medicine

Understanding the patient's unique profile, like genetic makeup. Tailoring treatments based on individual characteristics. Integration of advanced technologies and data analytics



The Role of AI and Machine Learning

AI is revolutionizing personalized medicine. From machine learning in drug discovery to treatment optimization

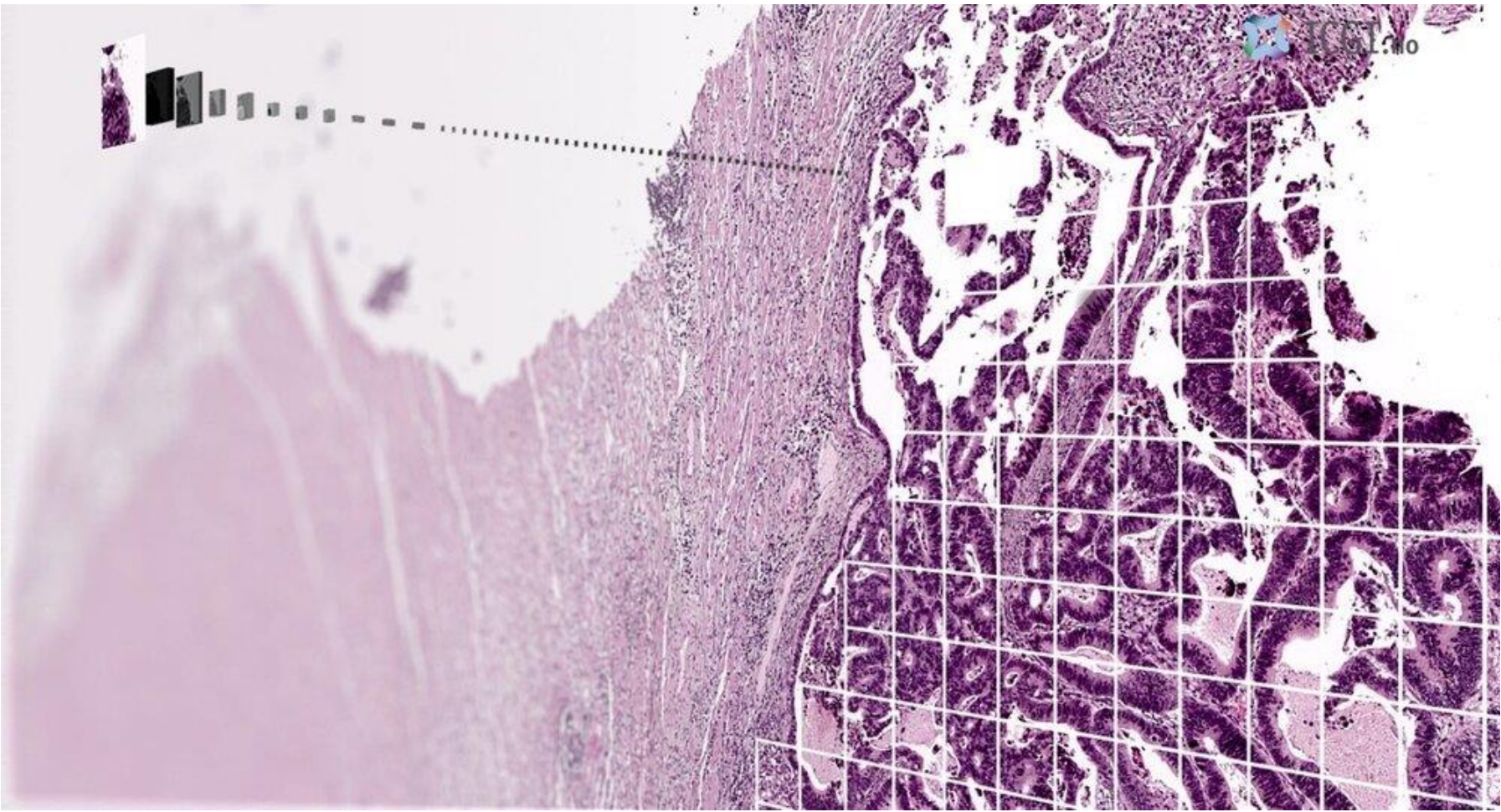


Video cover image by: Ketil Jordan

Artificial intelligence in cancer diagnostics

Artificial intelligence is set for a breakthrough in medicine, and several megatrends support new solutions in cancer diagnostics. Digital pathology and new AI algorithms will play a significant role in the future of medicine and hold multiple commercial opportunities. Watch Professor Marco Novelli at University College of London talk about the future of artificial intelligence in pathology.

[Learn more](#)



Precision Diagnosis and prevention

The power of genomic sequencing in identifying genetic variations. Ethical considerations and privacy concerns



Krista Kruuv-Käo, project manager of AnteNOR, presented how polygenic risk scores can be used to prevent breast cancer at a recent meeting organised by the Norwegian Cancer Mission Hub. Photo: Sofia Linden / Oslo Cancer Cluster

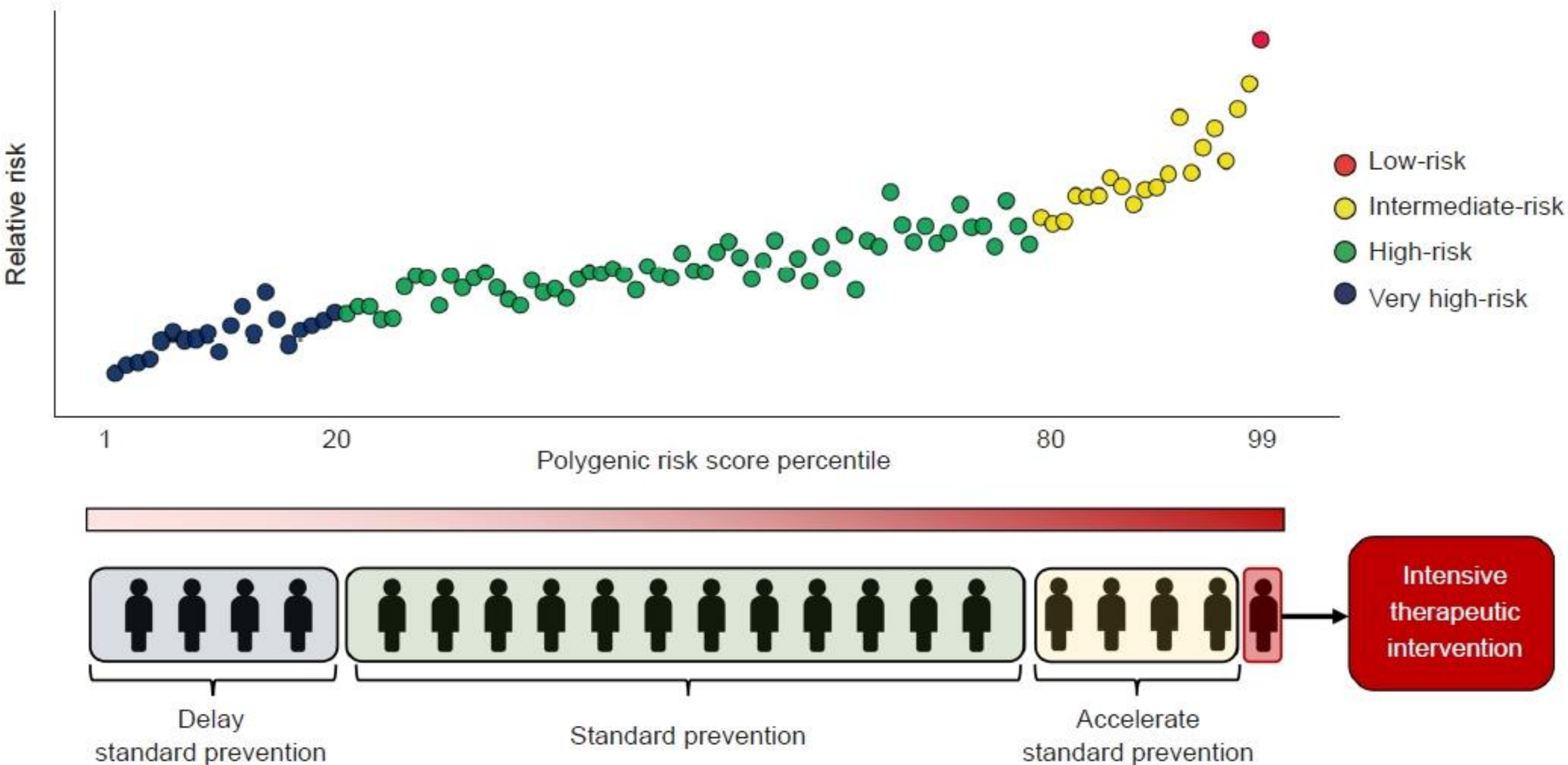
Polygenic risk scores: a European cancer priority

Tuesday, June 27, 2023 / by Sofia Lindén

The EU is looking to polygenic risk scores to improve prevention and early detection of cancer

Polygenic risk scores (PRS) have become one of the focus areas for prevention and early detection of cancer in the European Union's Mission on Cancer.

<https://antegenes.com/>



<https://doi.org/10.36011/cpp.2022.4.e7>

Therapeutic Advances



THE
BLADDER CANCER
COMPANY

HOME

OUR COMPANY

INNOVATION & PRODUCTS

NEWS

OUR IMPACT

PARTNERS

CAREERS

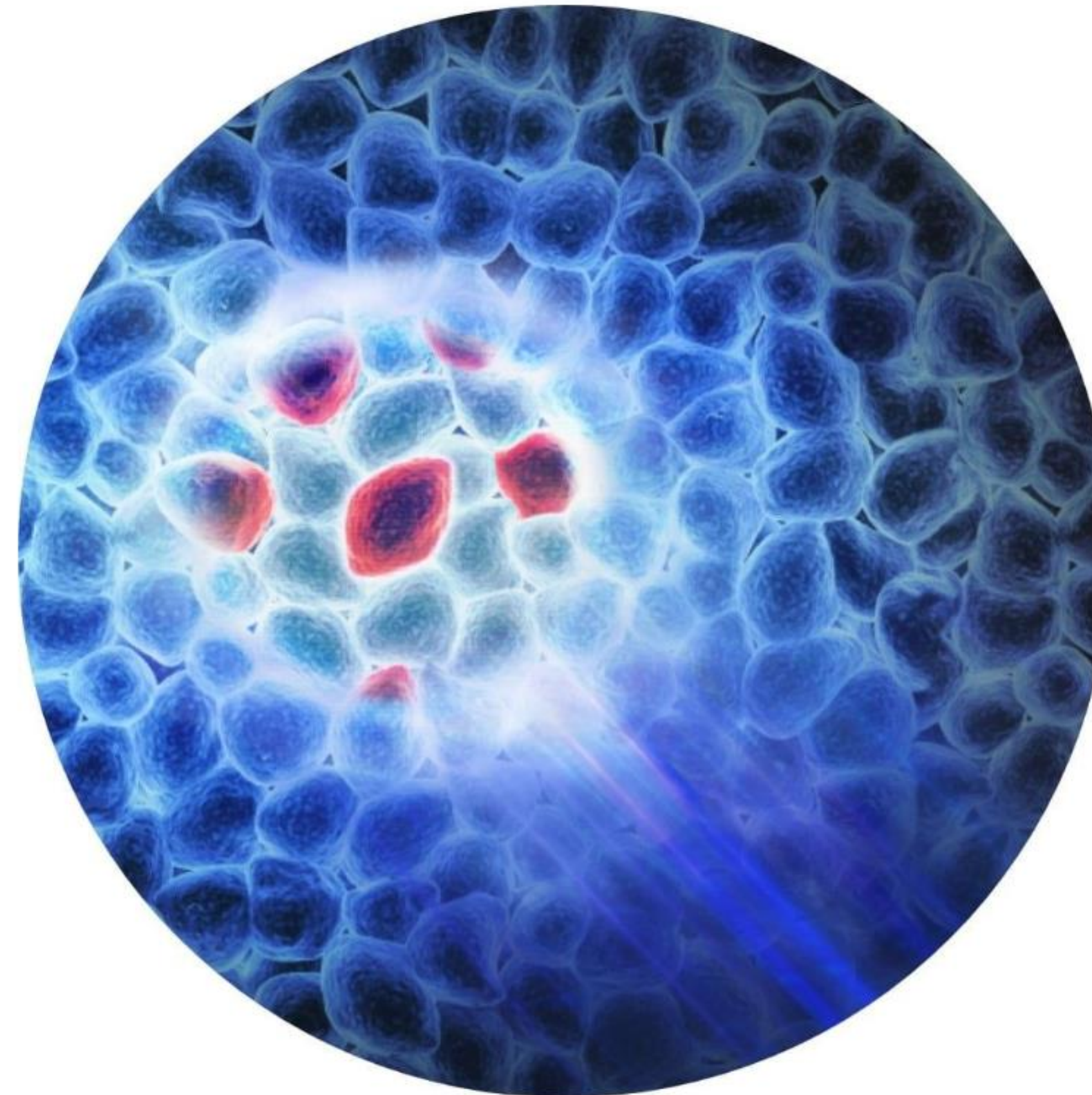
CONTACT

Photocure Technology®

Uniquely selective, minimally invasive. Combining drug and light for treatment and diagnosis

Our unique photodynamic technology combines the application of a drug that selectively targets diseased cells with exposure to light. Depending on the combination of drug, wavelength and exposure time the technology can be used for diagnostic or therapeutic use. The unique selectivity preserves healthy tissue and enables minimally invasive approaches to early diagnosis and treatment.

Photocure Technology® has highly selective properties. It effectively targets damaged cells and preserves healthy tissue.



OSLO CANCER CLUSTER



Norwegian
Innovation
Clusters

<https://www.photocure.com/>

Therapeutic Advances

17.10.2023 | kl. 18:53 | LEGEMIDLER & BIOTEK

Resultater fra Ultimovacs kreftvaksine sluppet: - Dette er helt rått

Den universelle kreftvaksinen til norske Ultimovacs, kombinert med ipilimumab og nivolumab, reduserte risikoen for å dø med 27 prosent, viser studien NIPU.



«HELT RÅTT»: Anne Worsøe fra Ultimovacs gleder seg stort over resultatene fra studien på kreftvaksinen, som ble sluppet tirsdag kveld i Madrid. | Foto: Ultimovacs

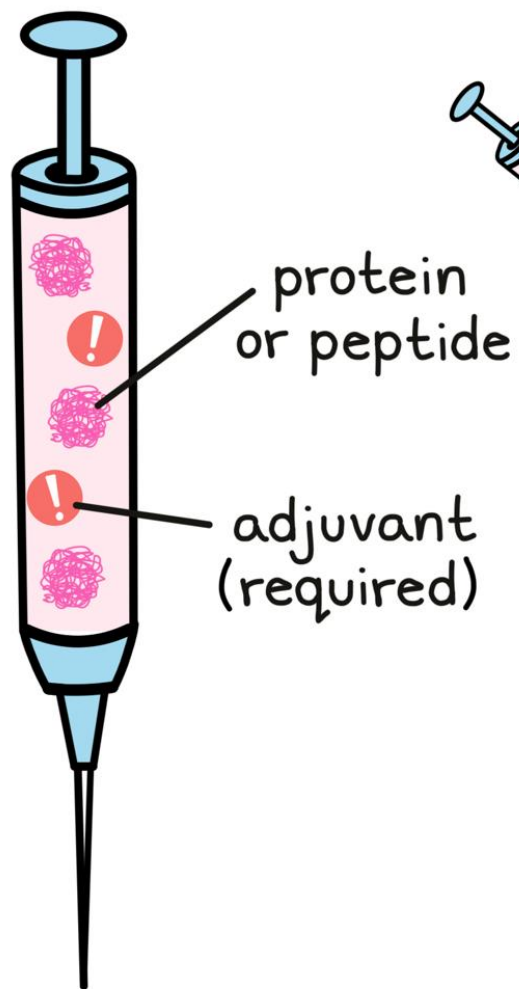
AV ANNE GRETE STORVIK

I studien er kreftvaksinen UV1 undersøkt i kombinasjon med to sjekkpunkthemmere som et behandlingsalternativ til pasienter med mesoteliom - brysthinnekreft.

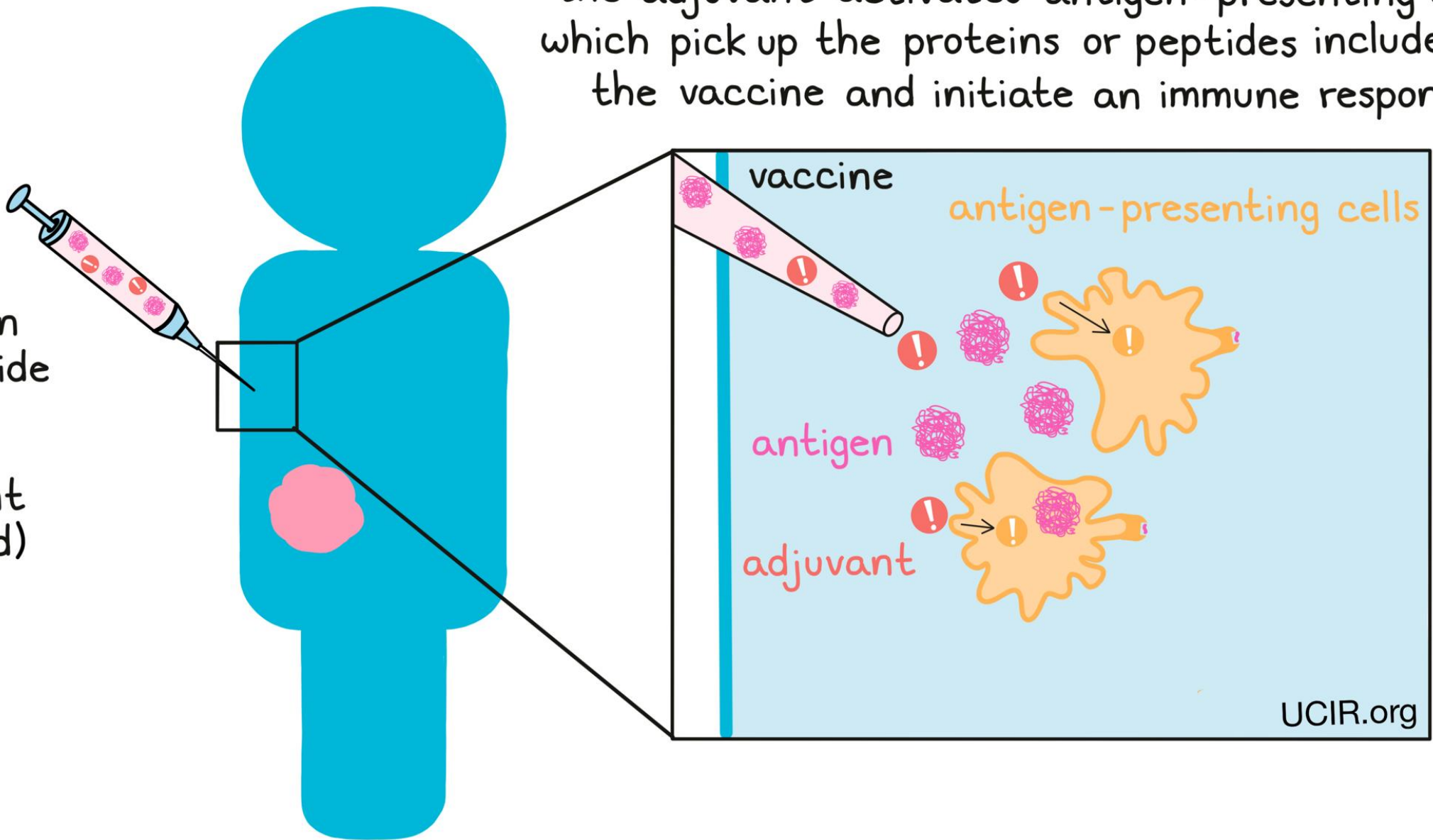
Dette melder Ultimovacs tirsdag kveld.

<https://ultimovacs.com/>

protein or peptide
vaccine



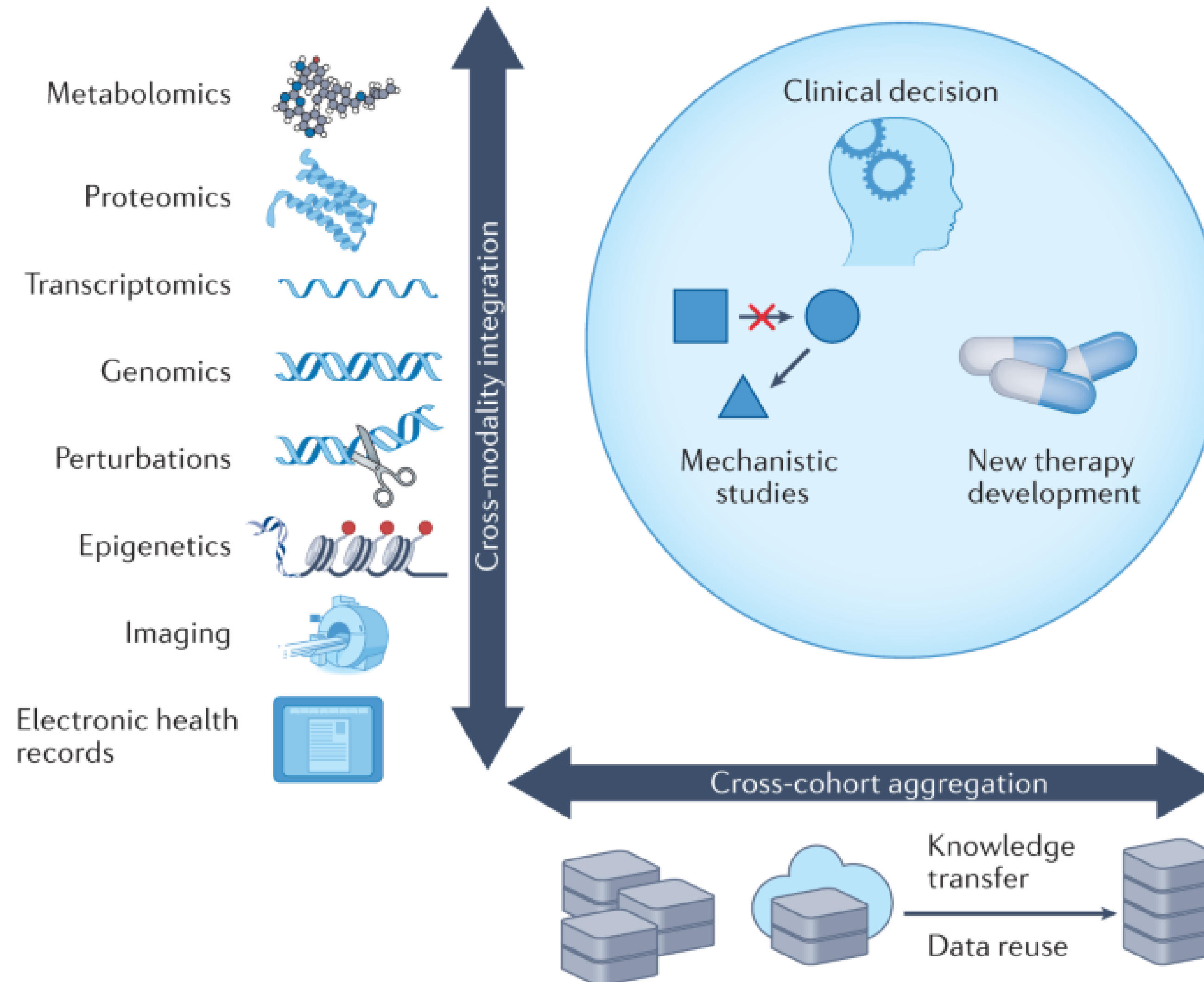
the adjuvant activates antigen-presenting cells,
which pick up the proteins or peptides included in
the vaccine and initiate an immune response



www.ucir.org

Data Integration and Predictive Analytics

Building comprehensive patient profiles through data integration. Predictive analytics for disease prevention and early intervention. Challenges and opportunities in managing healthcare data



Expansion plans



