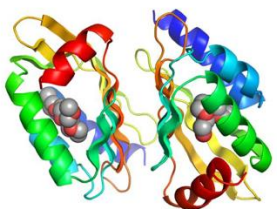


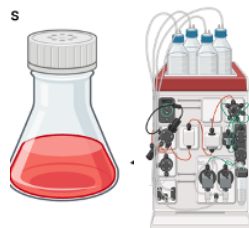
Drug discovery lab capability

(AI-based) protein design

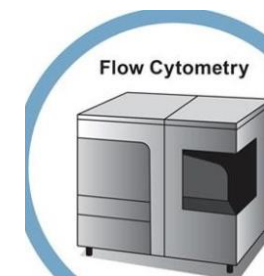


Cytokines

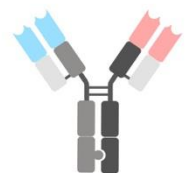
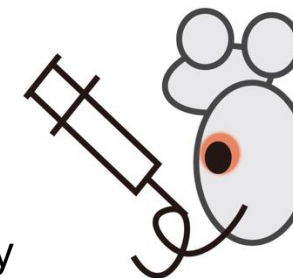
Production



In vitro cell culture

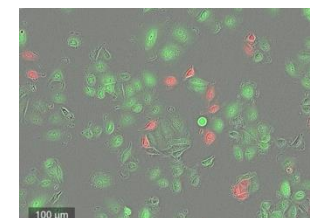


Mouse experiments

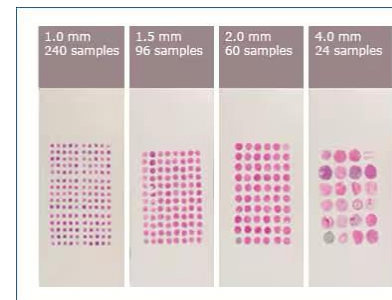


Mono- Bi- tri-specific
Antibodies

Stability and
yield optimisation



Human tissue array



Efficacy

MoA

Side effects

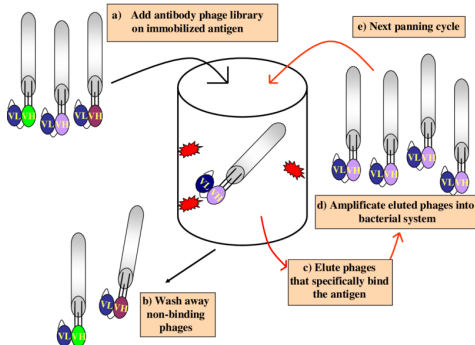
(Biochem, haematology)

PK/PD

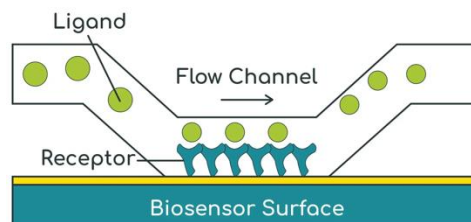
Biomarker discovery

Human cancer (PDX, humanised)

(AI-based)
Antibody discovery display



Affinity
Characterisation



Lab focus: Protein engineering for immunotherapy and Drug Delivery System

2014 PhD Univ. Tokyo: Hematopoietic stem cell biology
2014-2016 EPFL, Switzerland
2016-2020 Univ. Chicago
2020- Imperial College London Bioengineering
2024- National Cancer Center, Japan (cross-appointment)

