

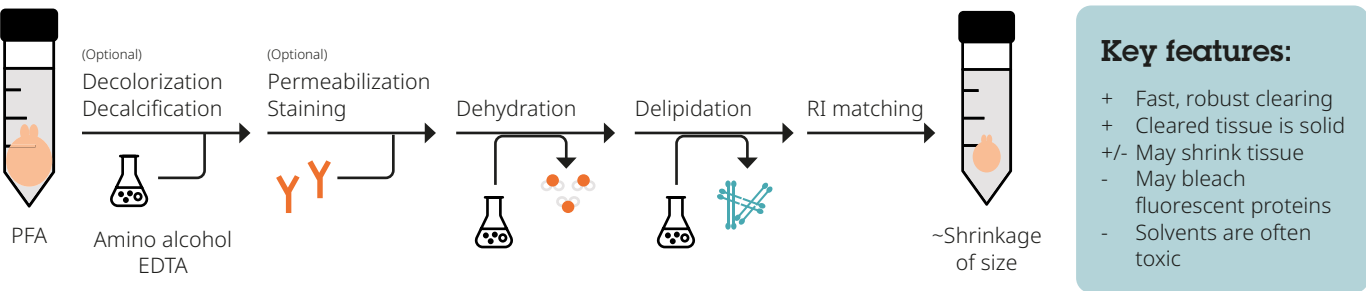
Tissue clearing methods

Developed in collaboration with Etsuo A. Susaki, Juntendo University Graduate School of Medicine/CUBICStars, Inc. Hiroki R. Ueda, The University of Tokyo Graduate School of Medicine/RIKEN Center for Biosystems Dynamics Research/CUBICStars, Inc.

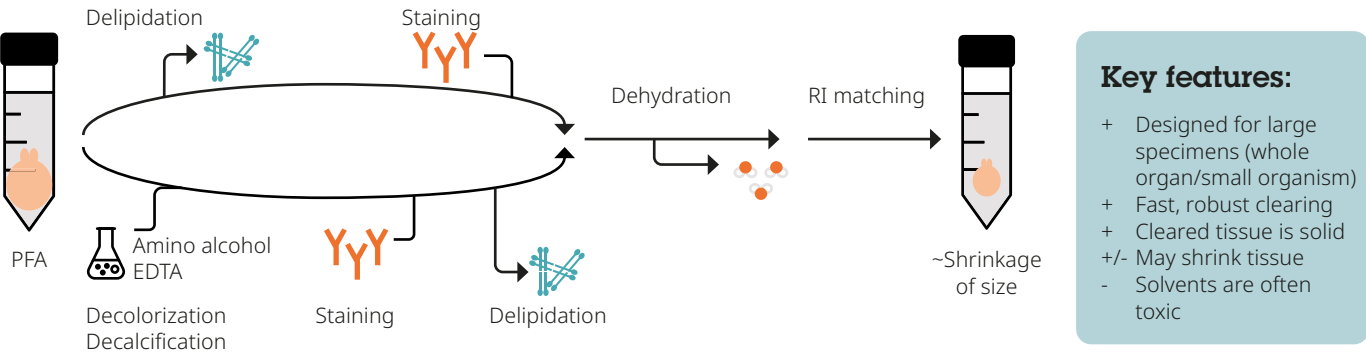
Hydrophobic

Please note that the hydrophobic category includes methods of dehydration and organic solvent-based refractive index (RI) matching, regardless of other combinations with delipidation, decolorization, and decalcification using hydrophilic chemicals.

A. Protocols for general samples (eg DISCO and variants, BABB, ECI)

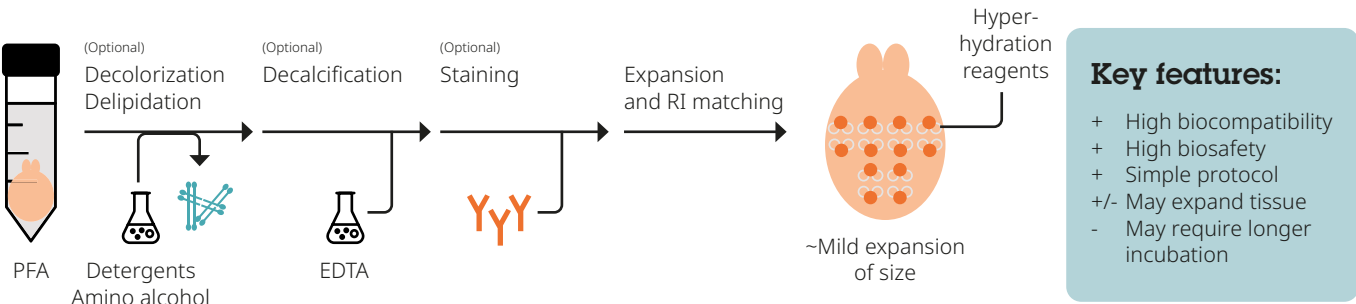


B. Protocols for specific larger samples (eg SHANEL, PEGASOS)

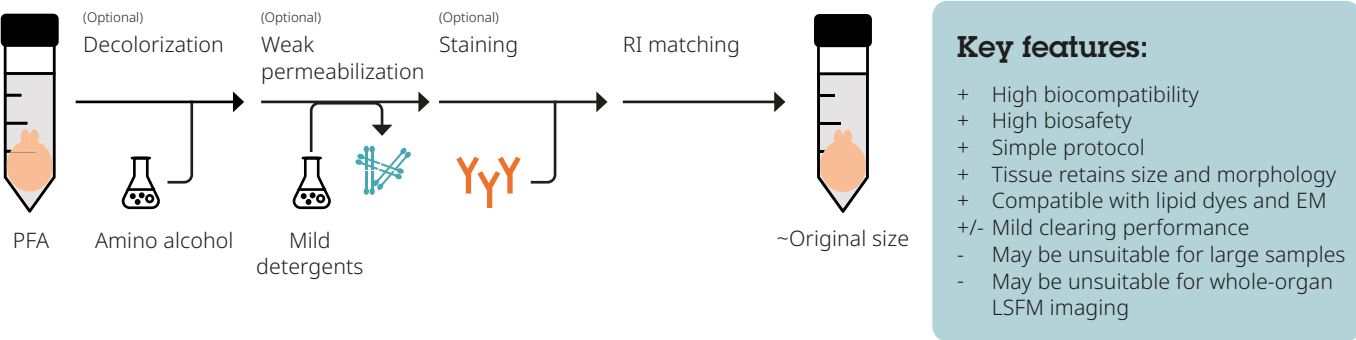


Hydrophilic

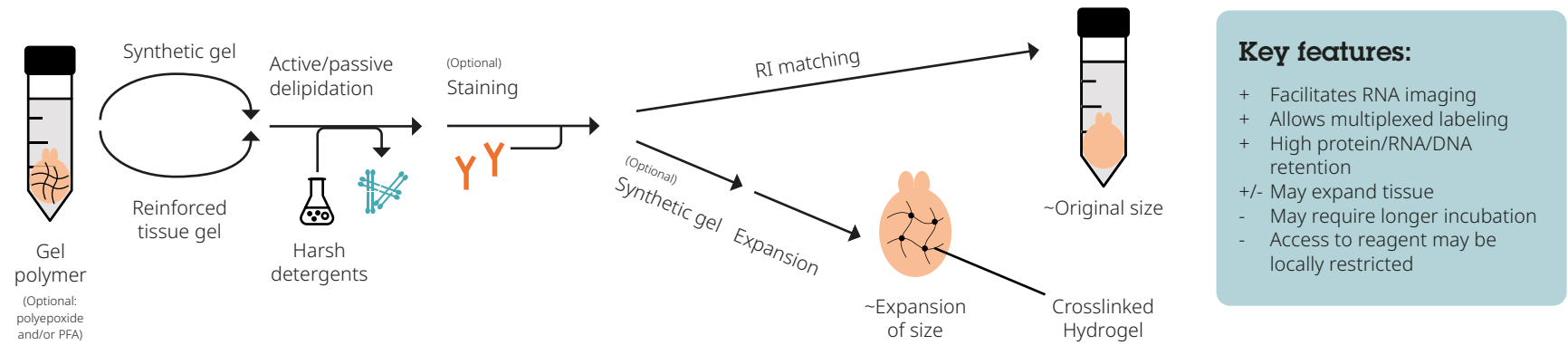
A. With intensive delipidation (eg CUBIC)



B. Without delipidation (eg ScaleSF, SeeDB, UbasM, Ce3D, FOCM, MACS)



Hydrogel-based (e.g. SHIELD, CLARITY, PACT, MAP, ExM)



Key

- Water, water-miscible solvent
- Lipid, lipid-miscible solvent
- Antibodies
- Reagents