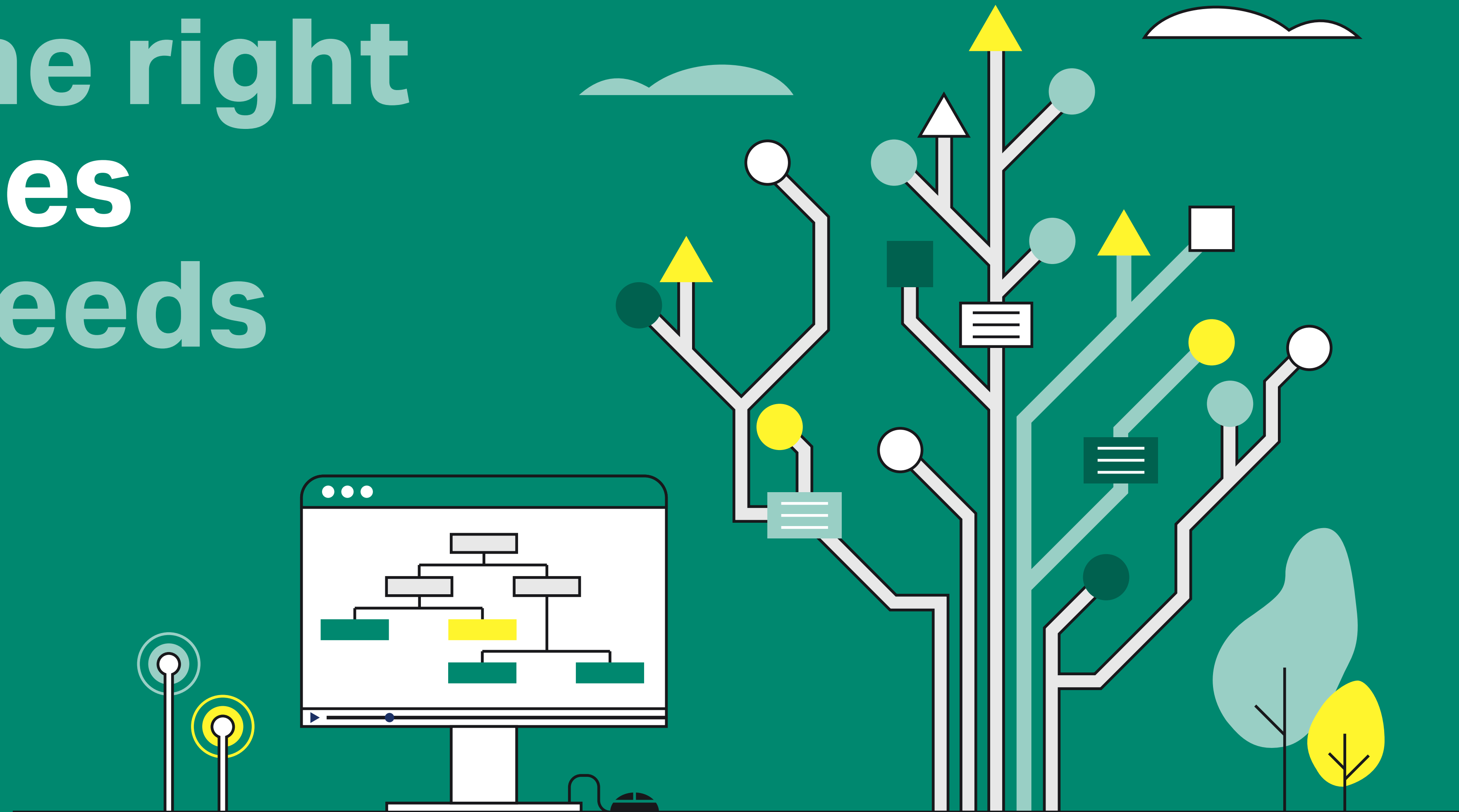
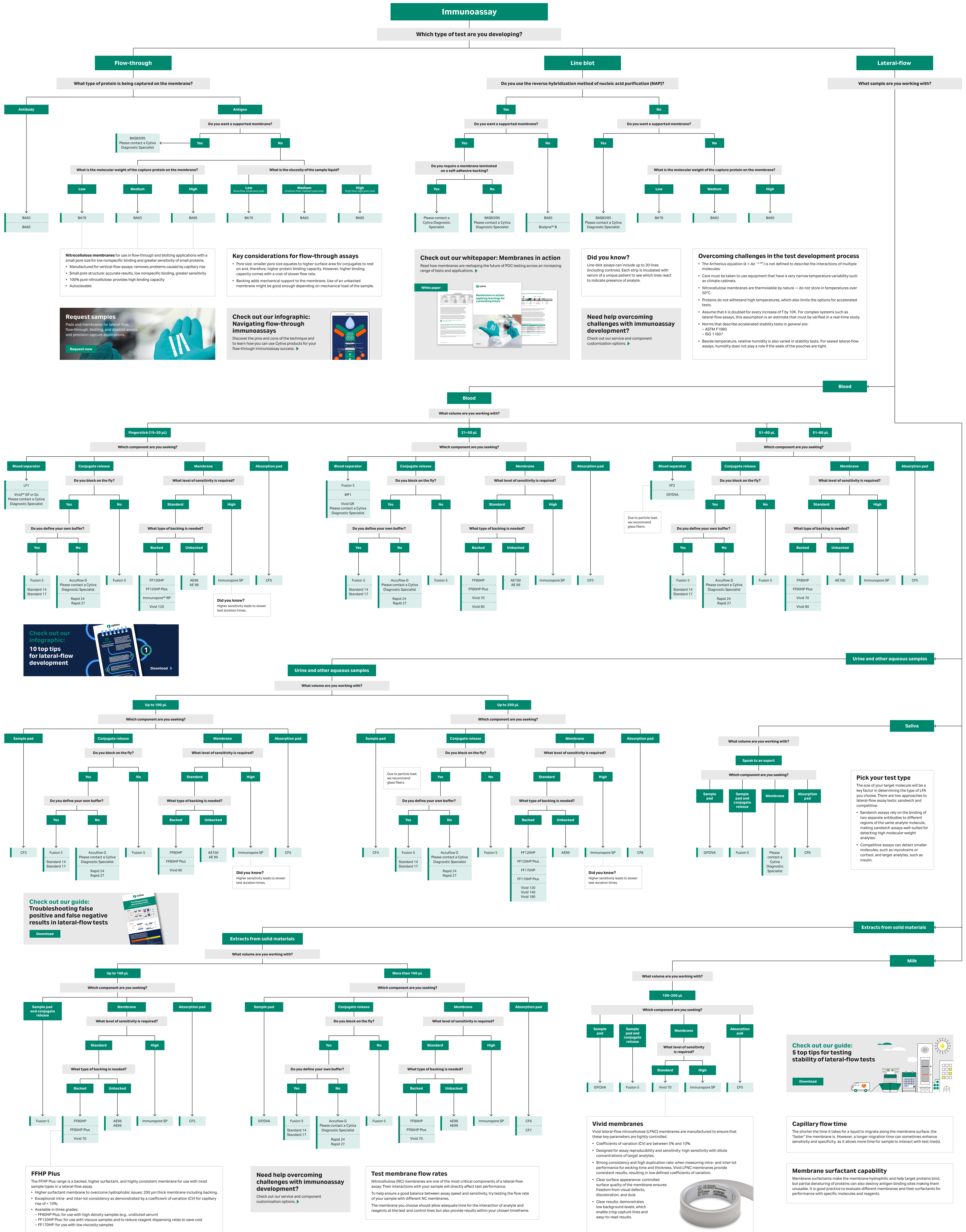


Decision tree

Choose the right
membranes
for your needs



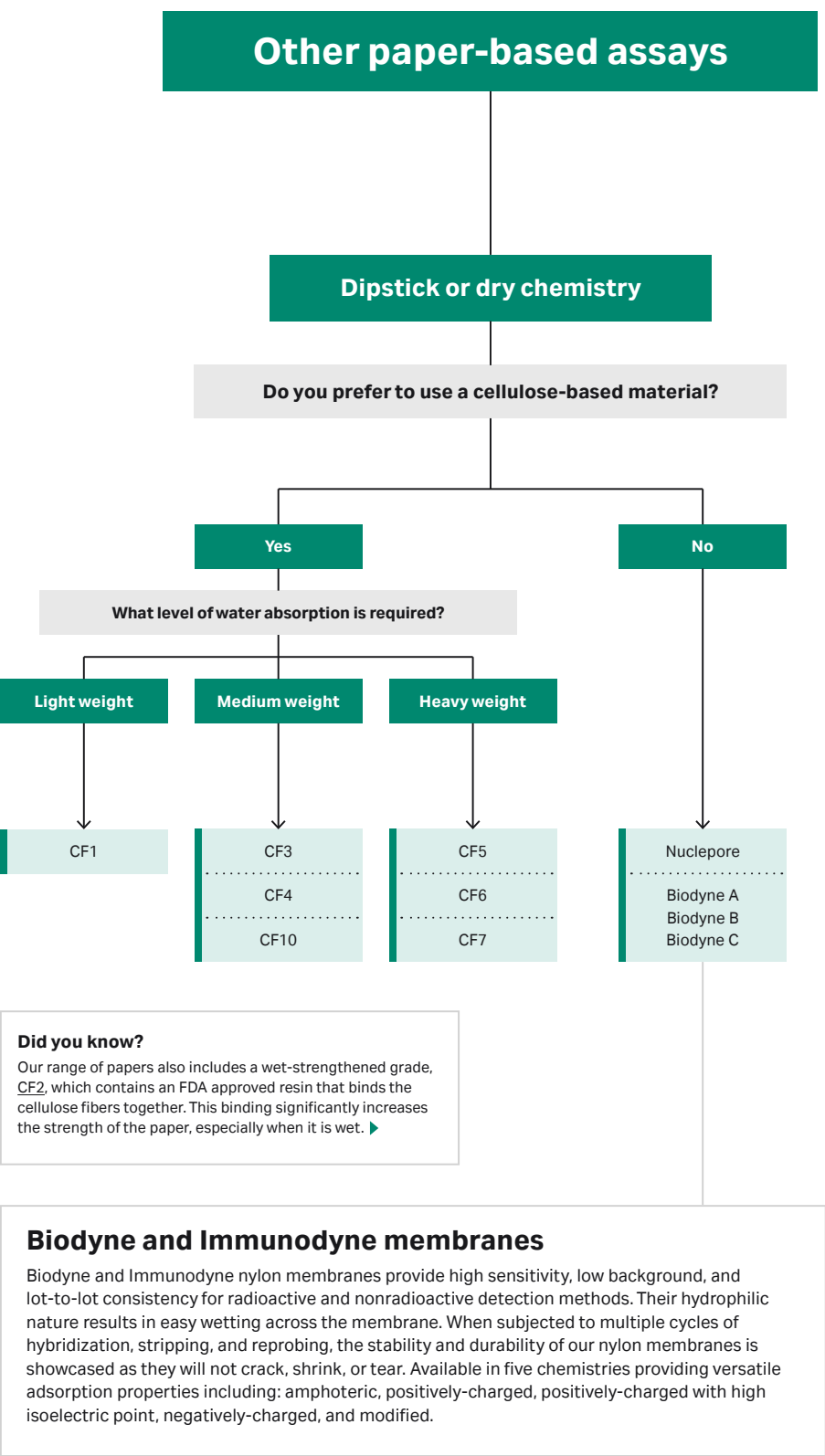
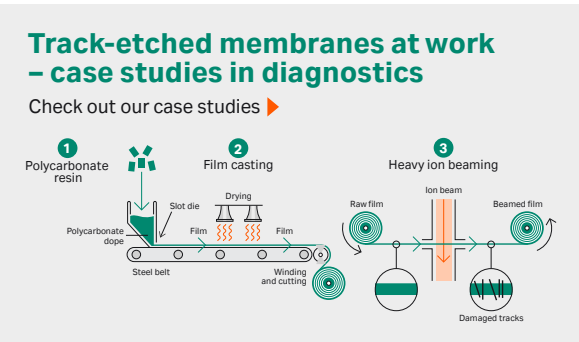
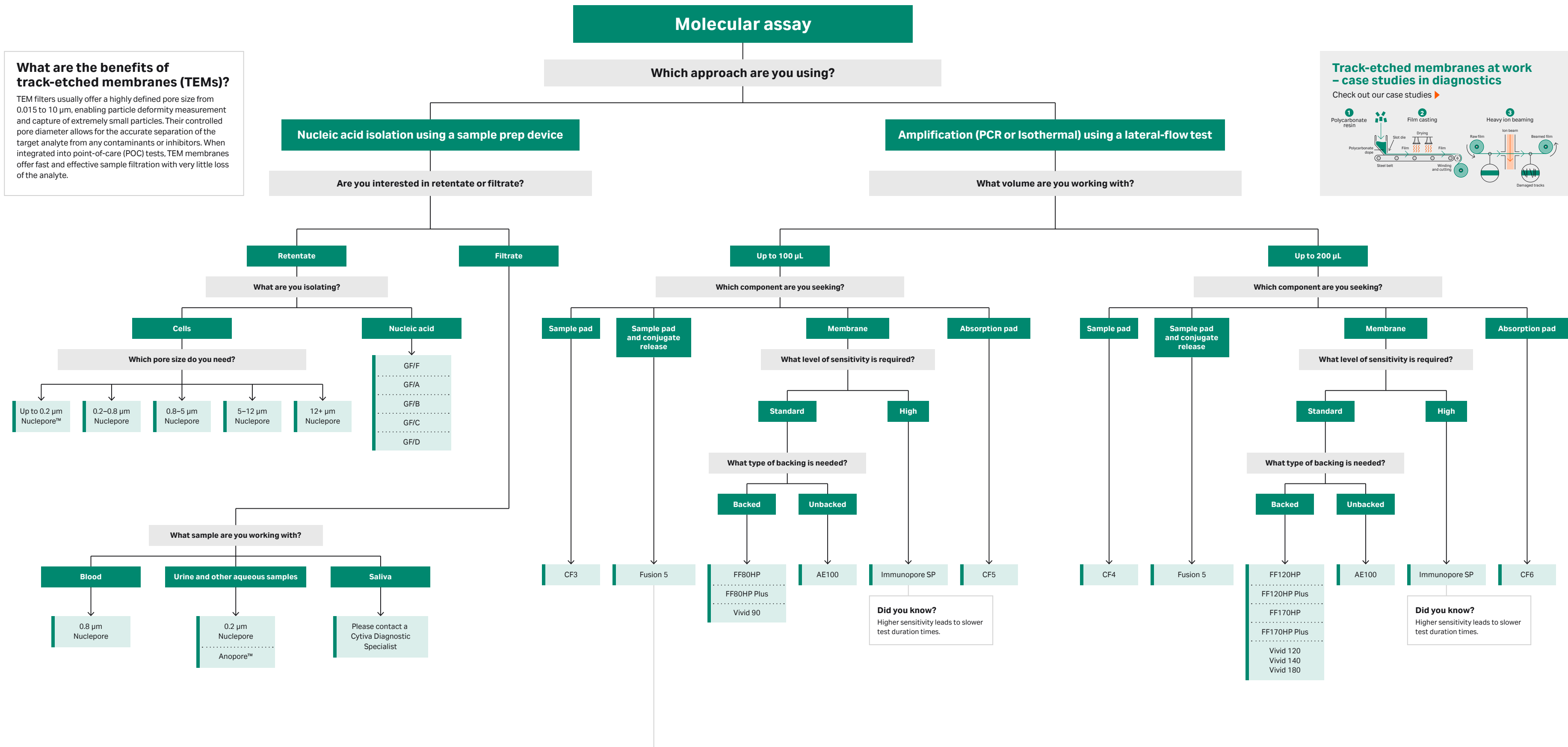
1. Choosing the right membranes for immunoassay development



2. Choosing the right membranes for molecular assay development and other paper-based assays

What are the benefits of track-etched membranes (TEMs)?

TEM filters usually offer a highly defined pore size from 0.015 to 10 µm, enabling particle deformity measurement and capture of extremely small particles. Their controlled pore diameter allows for the accurate separation of the target analyte from any contaminants or inhibitors. When integrated into point-of-care (POC) tests, TEM membranes offer fast and effective sample filtration with very little loss of the analyte.



Request a sample

Lab and point-of-care (POC) molecular assay components.

[Request now](#)

Fusion 5 membrane

Fusion 5 membrane is a proprietary, single-layer, matrix membrane that can be used to replace traditional modular components from a lateral-flow testing kit.

- Fast flowing: quick and accurate results with wicking rates under 40 s for a 4 cm strip
- No blocking required: uses hydrophilic material
- High sensitivity: low background minimizes false-positive results
- Eliminates component contact issues: ensures accurate test results
- No assembly required: manufacturing is easy, fast, and efficient
- Fast test development: save time and costs

Check out our infographic: Did you know – track-etched membranes

Find out about the advantages and disadvantages, process considerations, and applications for track-etched membranes.

[Download](#)

Check out our blog on dipstick assays providing tips on assay design and component selection

[Visit now](#)

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