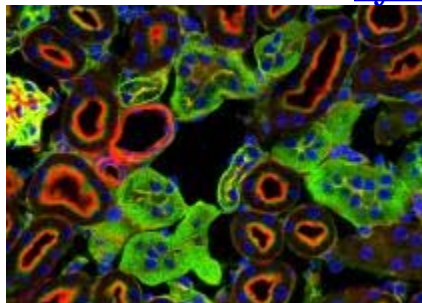


Pathology Research Program Laboratory

The PRP offers consultative and technical services to researchers and clinical trials investigators for histological, immunohistochemistry and FISH cytogenetics investigations. The facility is led by Drs. Theo van der Kwast and [Sylvia Asa](#).



Service Department(s): Research Communications

Services

- Histology
 - Handling of tissues, cultured cells, cell suspension and smear preparations
 - Fixation of tissue/cell preparations
 - Processing tissues to paraffin or frozen blocks
 - Sectioning of paraffin and frozen blocks to create slide preps for staining
 - Special stains and immunohistochemistry studies on all slide preps
 - Paraffin and frozen sectioning for DNA/RNA extraction using DNase/RNase-free methods
 - Preparation, sectioning and staining of tissue microarrays
- Immunohistochemistry
 - Antibody optimization
 - Single marker staining and multiple labelling using chromogenic and fluorescence techniques
- FISH Cytogenetics Studies
 - We also do fluorescence in situ hybridization for various cytogenetic abnormalities

Unique Capacities

- Testing can be performed on human tissues for clinical trial investigations, as well as human or animal model research projects
- Testing services are customizable to client need, but follow standard practices recognized to ensure quality of outcome

Using the Facility

Accessible to internal and external clients. [CAPCR](#) institutional approval and a requisition issued by LMP-Research (LMP-Research@uhn.ca) must accompany projects requiring access to LMP human diagnostic material.

Sample Preparation

- Specimens can be received in fresh, frozen or formalin-fixed states in accordance with investigative studies required
- DNase/RNase methods are used in the preparation of sections or curls for DNA/RNA extractions

Usage Arrangements

Fee for service exists. Study costs are discussed in advance. All services are customizable, and may include:

- Consultation
- Method development and optimization
- Specimen preparation for processing (including gross)
- Testing and interpretation

Contacts

[Melanie Macasaet-Peralta](#)

PRP Lab Team Leader

416-340-4800 (ext 8040) or (ext 5939)

University Health Network

200 Elizabeth Street, Rm11E232

Toronto, Ontario, M5G 2C4