

ACTIONABLE TISSUE SELECTION ARCHIVES

ITD-CMA PLATFORM

The INTiDYN ChemoMorphometric Analysis platform (ITD-CMA) maximizes the research value of precious human tissue biopsies. One of the most expensive components of human disease research is obtaining tissue biopsies for clinical research. To discover pathologies in the skin or other organs that may cause and be treated for chronic pain, the ITD-CMA platform generates up to twenty slides of sections for microscopy from a single punch biopsy of skin that is half the size of a pencil eraser. These numerous slides can be processed to detect a wide variety of microscopic biochemical and structure properties to discover the potential reason for causing pain and identifying strategies for successful treatment. A research project typically uses less than half of the slides from each biopsy leaving the remaining unprocessed slides of sections archived and available for future research without the need to obtain new biopsies from patients. Each biopsy is obtained from patients and clients that have given permission to INTiDYN to use archived slides for additional research beyond the scope of the original research project.

INTiDYN maintains a variable stock of archived slides that INTiDYN can analyze on behalf of clients who wish to obtain valuable preliminary data needed to discover and test the likely success of novel therapeutics. Available slides that exist in the current INTiDYN stock are from biopsies of normal humans and from patients afflicted with the following diseases:

- Painful and nonpainful type 2 diabetic neuropathy
- Complex Regional Pain Syndrome Type 1
- Fibromyalgia
- Neurofibromatosis 1
- Vulvodynia

OTHER ARCHIVED SLIDES

Another stock of archived slides are from mouse, rat, and pig models of experimentally induced pain related to chemotherapy induced pain and sciatic nerve injuries.

Limitations: The INTiDYN archived slides are NOT a biobank and INTiDYN does not obtain tissue for distribution to others as a biobank. All research on the archived slides on behalf of clients must be done and analyzed at INTiDYN and the slides must remain at INTiDYN.

Please contact Dr. Frank Rice to inquire about archived slide availability.
FrankRice@INTiDYN.com.