

Congratulations and welcome to National Jewish Health! As a new employee / researcher we thought some of the information below may be helpful for you to know:

Available Research Support Services at National Jewish Health and how to access them (*links included for available websites; please click on the service name for access*):

Biobank -

Represents an ongoing institutionally-sponsored program to collect tissue, fluids, and DNA on thousands of our patients who have generously agreed to participate, with over 12,000 unique samples currently in the electronic health record. In conjunction with Research Informatics, can provide PIs with access to these highly characterized samples. Provides access to Aperio Scan and Freezerworks software.

Contact: John Yang, PhD – YangJ@NJHealth.org

Biostatistical Services - Collaborates with clinical and basic science researchers to design, analyze, and present results and to develop procedures for the capture, management, and quality-control of data. Provides fee for service statistical analysis, study design, and data conversion, as well JMP and SAS licenses.

Contact: Matthew Strand, PhD - StrandM@NJHealth.org

Biological Resource Center (BRC) - Maintains high quality laboratory animals for use in research, trains research personnel in proper and humane care and use of laboratory animals, provides technical assistance to research staff, informs research staff of current technology and animal models, educates the public concerning the necessity of animal research.

Contact: Matthew Rosenbaum, DVM - rosenbaumm@NJHealth.org

Animal Physiology Core - Provides special procedures for animal research including flexi-vent, microCT, and surgical services.

Contact: Katie Kopf, DVM - KopfK@NJHealth.org

Center for Genes Environment and Health/Genomics Core - Provides an integrated process for all areas of application in next-generation sequencing of RNA and DNA molecules from a variety of cell types as well as data analysis.

Contact: Trey Farmer – FarmerT@NJHealth.org

Research Histology - Provides histology support for researchers at NJH and the University of Colorado, including processing and embedding of samples, H&E stains, IHC, and a variety of special stains.

Contact: Todd Negri – NegriT@NJHealth.org

CTRC Core Lab - CTRC Core Laboratory Services support IRB-approved protocols for clinical research with a wide range of protocols requiring analysis of the function and phenotype of immunologic cells. Our focus is specialized immunologic assays relevant to immunity and inflammation and not clinical diagnostic assays. The NJH lab provides a resource for storage of multiple cell tissue samples, technical consultation, assay development, training for CTRC investigators, staff, visiting physicians, and students. Available assays/procedures include but are not limited to DNA/RNA extraction from blood and other tissues, cell isolation/culture, proliferation assays, ELISA, Elispot, CD4+ and dendritic cell isolation, serum/plasma isolation, cell staining, differential cell counts, flow cytometry, and BAL processing.

Contact: Beth Canono - CanonoB@NJHealth.org

Flow Cytometry - Facility provides instrumentation, technical and professional assistance, training and consultations for performing laser-based flow cytometric analysis and sorting. In addition the Core facility provides users with access to state-of-the-art instrumentation for biological imaging. The facility is a focal point for research involving microscopy and cell imaging. A broad range of applications are supported.

Contact: Shirley Sobus - SobusS@NJHealth.org for Flow

Josh Loomis - LoomisJ@NJHealth.org for Microscopy

Intellectual Property/Tech Transfer - Accelerates the development of basic scientific research towards clinical application by identifying and protecting the institute's intellectual property and facilitating business partnerships.

Contact: Emmanuel Hilaire - HilaireE@NJHealth.org

Live Cell Core - Provides primary human cells to faculty to support research projects and NIH grant applications.

Contact: Nicolette Schaefer - SchaeferN@NJHealth.org

Lung Consortium - A group of investigators who share human lung tissue and is structured such that the program remains financially neutral.

Contact: Patrick Hume, MD – HumeP@NJHealth.org

Mass Spectrometry - Provides support to NJH researchers in mass spectrometric analyses of lipids and other small molecules in virtually all biological matrixes.

Contact: Evgeny Berdyshev, PhD - BerdyshevE@NJHealth.org

Medical Library - Provides traditional collection development, expert researching, workflow solutions to increase efficiency, assesses research impact through citation analysis, assists with adoption of information technology, serves on practice guidelines teams, promotes point-of-care tools, and helps keep patients informed.

Contact: Liz Kellermyer - KellermyerL@NJHealth.org

Mouse Genetics - Offers a range of services to help investigators generate and maintain genetically modified mouse strains.

Contact: MouseGenetics@NJHealth.org

REGEN - Seeks to conduct and enable research at NJH aimed at stem cell characterization, regeneration of the lung, and the genetic editing of stem and other primary cells.

Contact: Max Seibold, PhD - SeiboldM@NJHealth.org

Research Informatics Services (including REDCap) - Created and supports a clinical data and biospecimen ecosystem consisting of the Research Database, data on samples in the Biobank, data collection through REDCap, and access to de-identified datasets through an Honest Broker system.

Contact: Bob Schell – SchellB@NJHealth.org

Quantitative Imaging Lab - Works to establish an IT framework for efficient processing of radiologic images, provide quantitative image analysis for clinical and research purposes, and develops novel

image analysis techniques to recognize and characterize normal and abnormal regions of lung and other organs.

Contact: Stephen Humphries, PhD - HumphriesS@NJHealth.org

FAQs

What if I have questions about my KRONOS?

Contact your supervisor or Dept Administrators (listed below).

Where do I find Institutional Policies and Procedures?

Please visit NJH's [Policy Manager](#) site.

I need help with IST issues!

Call x1666 or fill out an IST Service Request ([Service Request Form](#)). Need additional support? Contact Matt Walton at x2536

What kind of ongoing training or seminars does NJH offer?

Please see the [NJH Education Bulletin](#) for additional information.

I have a specific question about lab safety and training.

Contact Peter Farina at FarinaP@njhealth.org or x1747

Safety Website: <http://spyderweb.njrc.org/QI/index.html>

I have a DUA / MTA / PSA /any form or contract from outside NJH - who signs it?

National Jewish Health has designated Authorized Officials for all agreements. All contracts, agreements and forms from outside of NJH MUST be routed through the appropriate approval path before being signed by the Authorized Official.

All contracts, agreements and documents should be routed through your internal department approval process prior to submission to the Authorized Official. Please contact and route all documents through the Department Administrators below:

Office of Academic Affairs: Julie Banta, bantaj@njhealth.org

Department of Biomedical Research: Kelly Bakke, bakkek@njhealth.org

Department of Medicine: Holly Osterwald, osterwaldlh@njhealth.org

Department of Pediatrics: Sharon Schear, schears@njhealth.org

Department of Radiology: Stephanie Clancy, clancys@njhealth.org