ICTS-Affiliated (□) and ICTS-Supported (■) Cores

□ Anatomic and Molecular Pathology Core Lab (AMP) provides clinical and research services in anatomic pathology. Contact: ampcorelab@path.wustl.edu

□ Cardiovascular Imaging and Clinical Research Core Laboratory (CIRCL) provides noninvasive cardiovascular procedures for clinical research studies using standardized measurements and analyses. Contact: Victor Davila vdavila@wustl.edu

■ Center for Administrative Data Research (CADR) provides expertise in the use of health services administrative data for all phases of clinical research studies. Contact: cadr_icts@dom.wustl.edu

■ Center for Applied Research Sciences (CARS) provides state-of-the-art resources for conducting efficient, safe, and ethical studies using research volunteers. Contact: cars@wustl.edu

■ Center for Clinical and Research Ethics (CCRE) supports evidence-based ethics in biomedical research and clinical practice. Contact: ccre@wustl.edu

■ Center for Community Health Partnership and Research (CCHPR) reduces health disparities in the region by supporting community-academic partnerships and research endeavors. Contact: communityhealth@wustl.edu

□ Center for Health Economics and Policy (CHEP) supports evidence-based health research and disseminates the results to policymakers and stakeholders. Contacts: Tim McBride tmcbride@wustl.edu or Abby Barker arbarker@wustl.edu

□ Center for High Performance Computing (CHPC) provides resources and expertise for any computationally intense research project conducted by the Washington University research community. Contact: Malcolm Tobias mtobias@wustl.edu

□ Clinical Genomics Research Unit provides resources for clinical trials/studies for which a CLIA/CAP environment is required as well as conventional metaphase karyotyping and molecular human/mouse cytogenetic methods (FISH, Chromosomal Microarrays). Contact: cytogenetics@path.wustl.edu or Jane Bauer bauer707@wustl.edu

■ Clinical Research Training Center (CRTC) provides infrastructure to support clinical research training and career development for predoctoral students, staff, postdoctoral fellows, and faculty. Contact: CRTC@dom.wustl.edu

■ Clinical Research Unit (CRU) provides in-patient and out-patient clinical research units for studies that require more intensive nursing services than those performed in the Clinical Trials Unit. Contact: cars@wustl.edu or Sam Klein sklein@wustl.edu

■ Clinical Translational Imaging Unit (CTIU) provides advanced imaging technology, equipment, and expertise to support basic and translational inpatient and outpatient clinical research. Contact: cci@wustl.edu or Pamela Woodard woodardp@wustl.edu

■ Clinical Trials Unit (CTU) is a fully-appointed outpatient research unit for a wide range of clinical studies, particularly multicenter clinical trials. Contacts: cars@wustl.edu or Dominic Reeds dreeds@wustl.edu

□ Core Laboratory for Clinical Studies (CLCS) is a central laboratory for local and multicenter clinical trials. Contact: Richard Ostlund rostlund@wustl.edu

■ Dissemination & Implementation Research Core (DIRC) provides expertise in support of translational (T3 and T4) research to move clinical knowledge into real-world use. Contact: dirc@wustl.edu

□ Emergency Care Research Core (ECRC) provides a centralized infrastructure for all aspects of emergency care research. Contact: Stacey House staceyhouse@wustl.edu

□ Genome Engineering & iPSC Center (GEiC) provides patient-derived iPSCs and genetically modified cells and organisms to facilitate functional genomic studies. Contacts: http://geic.wustl.edu/contact-2/ (web form) or Xiaoxia Cui x.cui@wustl.edu

■ Genome Technology Access Center (GTAC) provides cutting-edge and cost-effective sequencing and analysis technologies to local colleagues and external investigators. Contact: gtac@genetics.wustl.edu

□ Health Behavior, Communication, and Outreach Core (HBCOC) provides sociobehavioral/socioeconomic expertise to investigators engaged in Prevention and Control and Clinical/Translational research. Contact: Donna Jeffe jeffedonnab@wustl.edu
- **High-Throughput Screening Center (HTSC)** provides expertise and infrastructure for high-throughput cellular and biochemical assays. Contact: Maxene Iлагan ilagangmg@wustl.edu mechanisms of neurodegeneration and neural repair.

- **Hope Center Cores** provides core resources and technical expertise to study mechanisms of neurodegeneration and neural repair, including Afali Neuroimaging, Animal Surgery, DNA/RNA Purification, In Vivo Microdialysis, Transgenic and Viral Vectors, and Microelectrode Array (MEA) Device. Contact: Anneliese Schaefer amschaefer@wustl.edu

- **Human & Mouse Linked Evaluation of Tumors (HAMLET)** supports all phases of human breast cancer research, discovery, validation, and treatment. Contact: Shunqiang Li shunqiang@wustl.edu

- **Human Embryonic Stem Cell Core (hESC)** provides expertise and infrastructure to support all phases of human embryonic stem cell research. Contact: info@CRM.wustl.edu or Mariana Beltcheva beltchevam@wustl.edu

- **Informatics Core Services (ICS)** provides advanced technologies and services for working with biomedical data, including access and mining of EHR data from BJC and WUSM and clinical study data management. Contact: Albert Lai amlai@wustl.edu

- **Laboratory for Infectious Disease Research (LIDR)** provides state-of-the-art facilities to support infectious diseases research. Contact: ldr@missouri.edu

- **Lifestyle Intervention Research Core (LIRC)** provides multidisciplinary services to support effective lifestyle modifications for research studies. Contacts: cars@wustl.edu or Rick Stein rstein22@wustl.edu

- **McDonnell Genome Institute (MGI)** provides expertise and infrastructure to support research using high-speed, comprehensive genomics. Contact: http:genome.wustl.edu/about/contact/

- **Metabolomics Facility** provides expertise and state-of-the-art chromatography and spectrometry for qualitative and quantitative metabolomics. Contact: Dan Ory dory@wustl.edu

- **Office of Training Grants (OTG)** supports research training grants by assisting with grant proposal development and submission. Contacts: crtc@email.wustl.edu or Betsy Abente eabente@wustl.edu

- **Pediatric Clinical Research Unit (PCRU)** provides nursing and bionutritional support for clinical research projects conducted with children at Washington University. Contacts: cars@wustl.edu or Neil White white_n@wustl.edu

- **Proteomics & Mass Spectrometry Program (PMSP)** provides next-generation mass spectrometry and data analysis tools to quantify proteins in biological fluids and tissues. Contact: Reid Townsend rtownsend@wustl.edu

- **Recruitment Enhancement Core (REC)** helps ICTS investigators meet and exceed study recruitment targets. Contact: Karen Reece reecek@wustl.edu

- **Regulatory Support Center (RSC)** provides organizational, regulatory, and recruitment support for research studies on human subjects. Contacts: reg_spt_center@wusm.wustl.edu or Yi Zhang yizhang@wustl.edu

- **Research Design & Biostatistics Group (RDBG)** supports all phases of research study design, data collection, data analysis, and dissemination of results. Contacts: rt-rdbg@rt.biostat.wustl.edu or Ken Schechtman kschechtman@wustl.edu

- **Research Development Program Core (RDP)** provides expertise to support research development for early career track investigators specifically through navigation services, the Research Forum Program and the Scientific Editing Service. Contact: Betsy Keath ejkeath@wustl.edu

- **Research Engagement to Advance Community Health (REACH)** aims to increase research understanding and participation among underrepresented populations through education, engagement and recruitment. Contact: Hilary Broughton hilary.broughton@wustl.edu

- **Siteman Biostatistics Shared Resource (SBSR)** provides biostatistical and epidemiological expertise to support research design, study monitoring, and data analysis. Contact: Graham Colditz colditzq@wudosis.wustl.edu

- **Stroke Patient Access Center (SPAC)** provides resources for stroke clinical research including feasibility analysis regulatory and recruitment support, randomization, enrollment, retention and study closure. Contact: Jill Newgent newgentj@wustl.edu

- **Tissue Procurement Core (TPC)** provides a centralized resource to collect, process, store, and utilize human biospecimens for translational and biomedical research. Contacts: Mark Watson watsonm@wustl.edu or Brian Goetz bdgoetz@wustl.edu

- **Translational Cardiovascular Biobank & Repository (TCBR)** supports acquisition, utilization, and storage of human cardiovascular tissues linked with clinical data for phenotypic/genotypic analyses. Contact: Evelyn Kanter ekanter@wustl.edu
Washington University Pediatric & Adolescent Ambulatory Research Consortium (WU PAARC) provides expertise and infrastructure to support clinical studies within the community setting. Contact: Jane Garbutt jgarbutt@wustl.edu

Women and Infants Health Specimen Consortium (WIHSC) provides pregnant-subject biospecimens for academic, federal, and independent researchers. Contact: womeninfantsbank@wustl.edu