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

□ Animal Behavior Core (ABC) provides behavioral phenotyping in rodent models, specific drug or treatment effects, experimental manipulations, or altered development in laboratory rodents. Contact: David Wozniak wozniakd@wustl.edu

□ Bioinformatics Research Core (BRC) of the Center of Regenerative Medicine provides genomic/epigenomic sequencing data analysis, integration, curation and result interpretation. Contact: abownman@wustl.edu

■ Biostatistics, Epidemiology & Translational Research Design (BERD) 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

□ 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 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 tm McBride@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 (CGRU) provides support 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 Trials Research Unit (CTRU) provides in-patient and out-patient clinical research units for research studies. Contact: Sam Klein sklein@wustl.edu or Bettina Mittendorfer mittendb@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: ccir@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 Jeff [jeffdonnab@wustl.edu](mailto:jeffdonnab@wustl.edu)

- **High-Throughput Screening Center (HTSC)** provides expertise and infrastructure for high-throughput cellular and biochemical assays. Contact: Maxene Ilagan [ilagannmg@wustl.edu](mailto:ilagannmg@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 Alafi Neuroimaging, Animal Surgery, DNA/RNA Purification, In Vivo Microdialysis, Transgenic and Viral Vectors, and Microelectrode Array (MEA) Device. Contact: Anneliese Schaefer [amschafe@wustl.edu](mailto:amschafe@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](mailto: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](mailto:info@CRM.wustl.edu) or Mariana Beltcheva [beltchevam@wustl.edu](mailto: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 BJ and WUSM and clinical study data management. Contact: Albert Lai [amlai@wustl.edu](mailto:amlai@wustl.edu)

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

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

- **Recruitment Enhancement Core (REC)** helps investigators meet/exceed study recruitment targets. Contact: Karen Reece [reecek@wustl.edu](mailto: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](mailto:yizhang@wustl.edu)

- **Research Development Program Core (RDP)** provides expertise to support research development for investigators through navigation services, the Research Forum Program and the Scientific Editing Service. Contact: Betsy Keath [ekeath@wustl.edu](mailto:ekeath@wustl.edu)

- **Research Engagement to Advance Community Health (REACH)** aims to increase research understanding/participation among underrepresented groups through education/engagement/recruitment. Contact: Hilary Broughton [hilary.broughton@wustl.edu](mailto:gilary.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 [colditzg@wustl.edu](mailto:colditzg@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](mailto: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 [watsonmm@wustl.edu](mailto:watsonmm@wustl.edu) or Brian Goetz [bdgoetz@wustl.edu](mailto:bdgoetz@wustl.edu)

- **Washington University Center for Cellular Imaging (WUCI)** provides access and support for imaging hi-resolution spatial organization and cell/tissue behavior using optical, electron and x-ray microscopy. Contact: James Fitzpatrick [fitzp@wustl.edu](mailto:fitzp@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 [igarbutt@wustl.edu](mailto:igarbutt@wustl.edu)

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