



**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](mailto: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](mailto:wozniakd@wustl.edu)
- [Bioethics Research Center](#) supports evidence-based ethics in biomedical research and clinical practice. *Contact:* [brc@wustl.edu](mailto:brc@wustl.edu)
- [Bioinformatics Research Core \(BRC\)](#) of the Center of Regenerative Medicine provides genomic/epigenomic sequencing data analysis, integration, curation, and result interpretation. *Contact:* Angela Bowman [abowman@wustl.edu](mailto:abowman@wustl.edu)
- [Biostatistics, Epidemiology, and Translational Research Design \(BERD\)](#) supports all phases of research study design, data collection, data analysis, and dissemination of results. *Contact:* Rita Ann Fulton [rfulton@wustl.edu](mailto:rfulton@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](mailto: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](mailto:cadr_icts@dom.wustl.edu)
- [Center for Community Health Partnership and Research \(CCHPR\)](#) can assist with developing key stakeholder and community engagement activities, from planning through dissemination of research. *Contact:* Hilary Broughton [hilary.broughton@wustl.edu](mailto:hilary.broughton@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](mailto:tmcbride@wustl.edu) or Abby Barker [arbarker@wustl.edu](mailto: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](mailto: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). *Contacts:* [cytogenetics@path.wustl.edu](mailto:cytogenetics@path.wustl.edu) or Jane Bauer [bauer707@wustl.edu](mailto: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](mailto:CRTC@dom.wustl.edu)
- [Clinical Research Unit \(CRU\)](#) provides in-patient and out-patient clinical research units for research studies. *Contacts:* Sam Klein [sklein@wustl.edu](mailto:sklein@wustl.edu) or Bettina Mittendorfer [mittendb@wustl.edu](mailto:mittendb@wustl.edu)
- [Clinical and Translational Imaging Unit \(CTIU\)](#) provides advanced imaging technology, equipment, and expertise to support basic and translational inpatient and outpatient clinical research. *Contacts:* [ccir@wustl.edu](mailto:ccir@wustl.edu) or Pamela Woodard [woodardp@wustl.edu](mailto: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:* [ccs\\_schedule@wusm.wustl.edu](mailto:ccs_schedule@wusm.wustl.edu)
- [Core Laboratory for Clinical Studies \(CLCS\)](#) is a central laboratory for local and multicenter clinical trials. *Contacts:* Licia Rowe [liciarowe@wustl.edu](mailto:liciarowe@wustl.edu) or Shirley Frei [freishirley@wustl.edu](mailto:freishirley@wustl.edu)
- [Dissemination and 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](mailto: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](mailto:staceyhouse@wustl.edu)
- [Genome Engineering and 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](mailto: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:* [genetics-gtac@email.wustl.edu](mailto:genetics-gtac@email.wustl.edu)

- [Health Behavior, Communication, and Outreach Core \(HBCOC\)](#) provides behavioral/social science, health education and communication, survey development, and geocoding and spatial statistics expertise to investigators engaged in Prevention and Control and Clinical/Translational research. *Contact:* Donna Jeffe [jeffedonnab@wustl.edu](mailto:jeffedonnab@wustl.edu)
- [Heart Rate Variability Laboratory \(HRVL\)](#) provides expertise in all aspects of heart rate variability data collection, study design, analysis, and interpretation of results. *Contact:* Phyllis Stein [pstein@wustl.edu](mailto:pstein@wustl.edu)
- [High-Throughput Screening Center \(HTSC\)](#) provides expertise and infrastructure for high-throughput cellular and biochemical assays. *Contact:* Maxene Ilagan [ilaganmg@wustl.edu](mailto:ilaganmg@wustl.edu)
- [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 [amschaefer@wustl.edu](mailto:amschaefer@wustl.edu)
- [Human and Mouse Linked Evaluation of Tumors \(HAMLET\)](#) supports all phases of human breast cancer research, discovery, validation, and treatment. *Contact:* Shunqiang Li [shunqiangli@wustl.edu](mailto:shunqiangli@wustl.edu)
- [Human Cells, Tissues, and Organoids Core \(hCTO\)](#) provides expertise and infrastructure to support all phases of human pluripotent stem cell research. *Contact:* 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 BJC 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](mailto:lidr@missouri.edu)
- [McDonnell Genome Institute \(MGI\)](#) provides expertise and infrastructure to support research using high-speed, comprehensive genomics. *Contacts:* [mgi@wustl.edu](mailto:mgi@wustl.edu) or <https://www.genome.wustl.edu/about/contact-us/> (web form)
- [Metabolomics Facility](#) provides expertise and state-of-the-art chromatography and spectrometry for qualitative and quantitative metabolomics. *Contacts:* Dave Scherrer [dscherrer@wustl.edu](mailto:dscherrer@wustl.edu) or Xuntian Jiang [jiangxuntian@wustl.edu](mailto:jiangxuntian@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](mailto:cars@wustl.edu) or Neil White [white\\_n@wustl.edu](mailto:white_n@wustl.edu)
- [Proteomics and 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:* Teresa Arb [arbt@wustl.edu](mailto:arbt@wustl.edu)
- [Regulatory Support Center \(RSC\)](#) provides organizational, regulatory, and recruitment support for research studies on human subjects. *Contacts:* [reg\\_spt\\_center@wum.wustl.edu](mailto:reg_spt_center@wum.wustl.edu) or Yi Zhang [yizhang@wustl.edu](mailto:yizhang@wustl.edu)
- [Research Development Program Core \(RDP\)](#) provides expertise to support research development and grant review for investigators through navigation, Research Forums, NIH Mock Study Sections, and Scientific Editing. *Contact:* Betsy Keath [ejkeath@wustl.edu](mailto:ejkeath@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)
- [Siteman Flow Cytometry \(SFC\)](#) provides quantitative-analytical flow cytometry; staffed and self-service cell sorting; and instruction and design consultation for basic experiments and clinical trial applications. *Contact:* Dan Schweppe [schweped@wustl.edu](mailto:schweped@wustl.edu)
- [Siteman Imaging and Response Assessment Core \(IRAC\)](#) provides accurate and reproducible imaging assessment for tumor characterization by various imaging methods for research and clinical trial applications. *Contact:* Lora Gallagher [irac@wustl.edu](mailto:irac@wustl.edu)
- [Siteman Immunomonitoring Laboratory \(IML\)](#) provides cytometry/immunoassay instrumentation to monitor immune therapy impact on patient profiles and explore mechanisms in targeted cancer protocols. *Contact:* Amy Johnson [IML@chiips.wustl.edu](mailto:IML@chiips.wustl.edu)
- [Siteman Small Animal Cancer Imaging \(SACI\)](#) provides facilities, support, and analysis for in vivo multi-modality imaging of small laboratory animals serving as cancer models and in cancer-associated research. *Contact:* Robert Massa [robert.p.massa@wustl.edu](mailto:robert.p.massa@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:* Brian Goetz [bdgoetz@wustl.edu](mailto:bdgoetz@wustl.edu) or Mark Watson [watsonm@wustl.edu](mailto:watsonm@wustl.edu)

- [Washington University Center for Cellular Imaging \(WUCCI\)](#) provides access and support for imaging hi-resolution spatial organization and cell/tissue behavior using optical, electron, and x-ray microscopy. *Contacts:* James Fitzpatrick [fitzp@wustl.edu](mailto:fitzp@wustl.edu) or [wucci@wustl.edu](mailto:wucci@wustl.edu)
- [Washington University Pediatric and Adolescent Ambulatory Research Consortium \(WU PAARC\)](#) provides expertise and infrastructure to support clinical studies within the community setting. *Contact:* Jane Garbutt [jgarbutt@wustl.edu](mailto:jgarbutt@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)