

MCDONNELL PEDIATRIC RESEARCH BUILDING (MPRB)

<http://research.peds.wustl.edu/Resources/MPRB.aspx>

The McDonnell Pediatric Research Building (MPRB) opened in April 2000 and houses all of the basic laboratory research in the Department of Pediatrics. This \$83,000,000 facility contains 60,000 net square feet for the Department. It is adjacent and internally connected to the 10-story CSRB-North Tower which is a \$42,000,000 all barrier rodent facility that opened in 1997 and houses most the mice in the Department. All of Washington University's animal facilities are AALAC accredited. The Department of Pediatrics occupies four floors (15,000 nsf each) of the MPRB. The Department's space contains all of the necessary core support including 11 environmental rooms, 25 tissue culture rooms, two dark rooms, and 6 microscopy rooms. The department has an extensive array of shared equipment including tissue culture hoods, inverted-dissecting- and fluorescent- microscopes, low- and high- speed centrifuges with rotors, freezers, gel documentation units, gel driers, microinjectors, electrophysiology equipment, radioiodination room, UV/visible spectrophotometers and microplate readers (fluorescent capable), luminometers, electroporators, and shaking incubators. In addition the department has available specialized core equipment including BIORAD imagers, real-time PCR machines, four laser state-of-the-art Olympus confocal microscope, BD ARIA cell sorter and multiple flow cytometers. The Department of Pediatrics also oversees a state of the art mouse genetics core.

<http://mgc.wustl.edu/>

The laboratories, offices, and conference rooms of the MPRB are all hard-wired to the University's network and are supported by the Pediatric Computing Facility and the University's shared IT which includes teams of system technicians, helpdesk operators, and developers.