The “Sistema de Almacenamiento y Servicios Informáticos Biomédicos Avanzados” (SASIBA, FONDEQUIP EQM 140119) provides high speed data storage capabilities hosted at the University main data center. Storage capability available at SASIBA is 230 TB (to users), with a SAN unit scalable up to 1 PB (Dell Compellent SC4020), and a NAS unit (Dell Compellent FS8600) to allow data access from desktop PCs using SAMBA/NFS (Windows / Mac / Linux), and a cluster of 3 general use servers (Dell PowerEdge R630) available in a TIER-2 like data center facility with 12x6 on site engineer monitoring and 24/7 automatic alarms. Interconnection to SASIBA from the Faculty of Medicine is provided by a 330 Mb/s (standard) and/or a 10 Gbit/s dedicated high-speed link available through the U-Chile network (special equipment may be needed for certain buildings to use the 10 Gbit/s network).