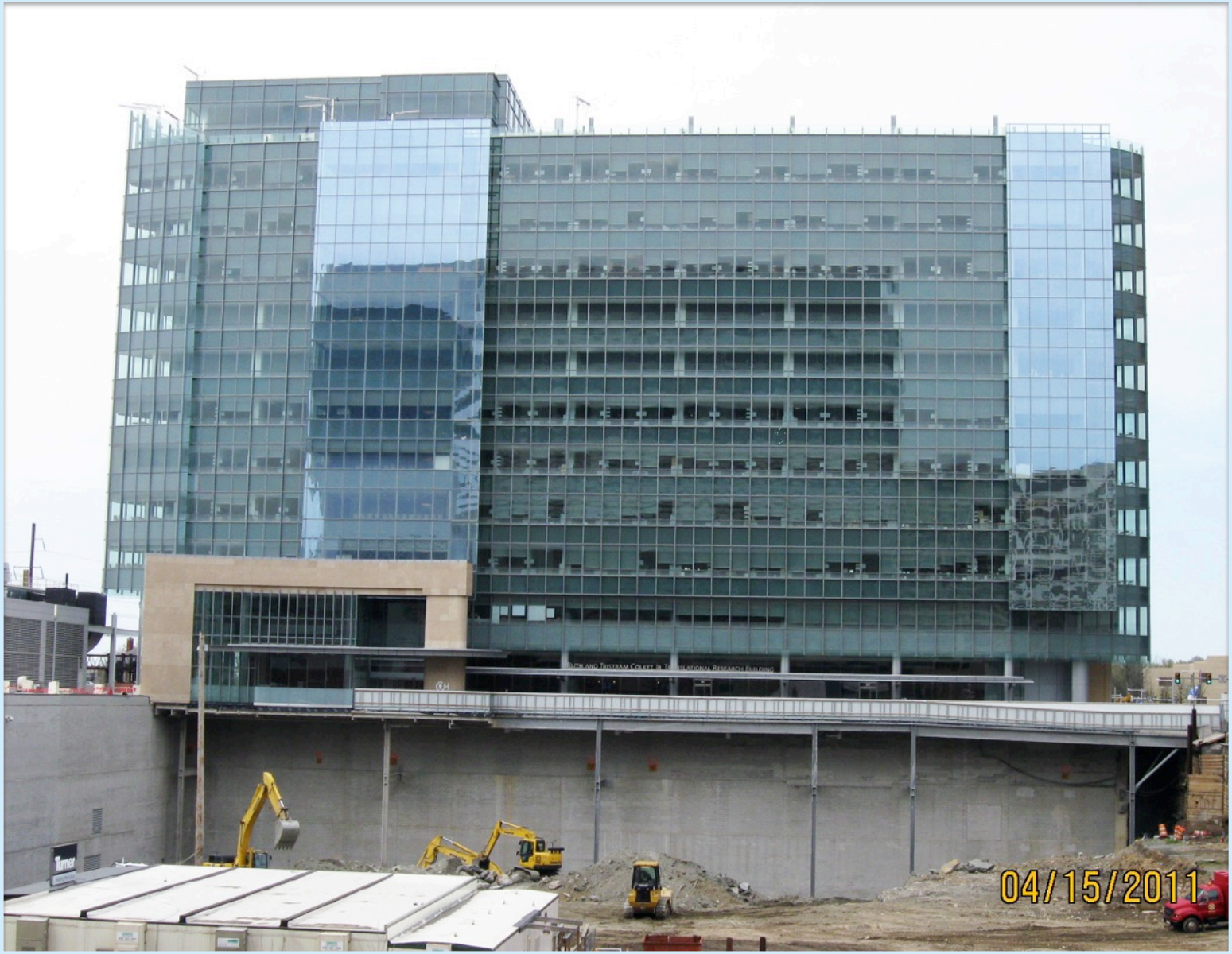
Targeting the Hedgehog Pathway in Medulloblastoma



Tom Curran, PhD, FRS
Deputy Scientific Director

The Children's Hospital *of* Philadelphia®

CANCER CENTER

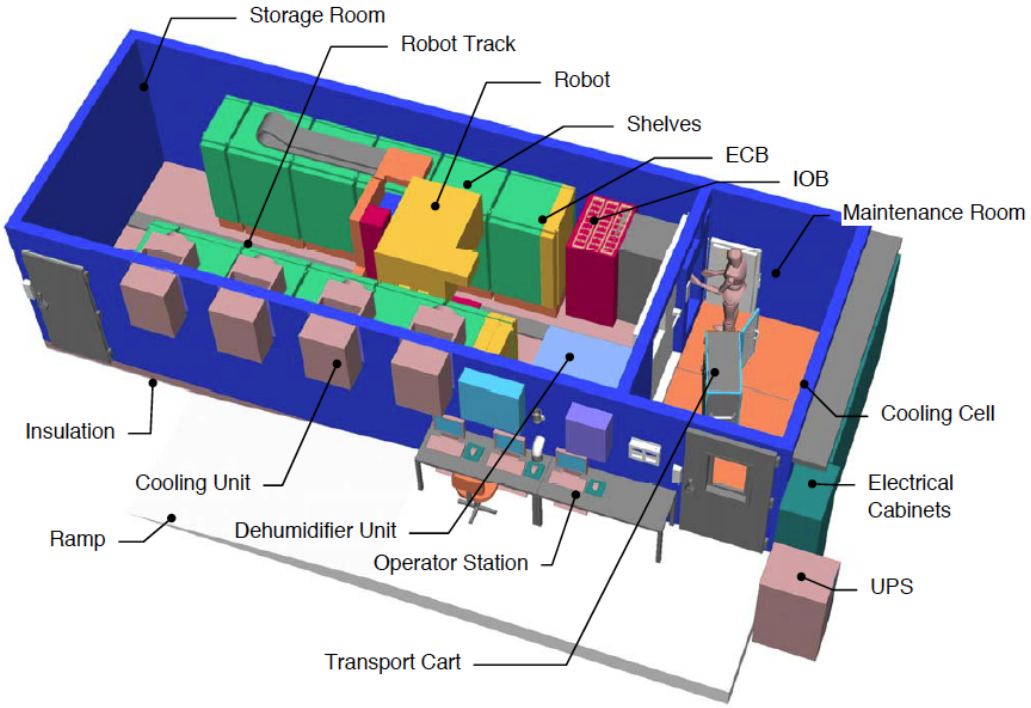


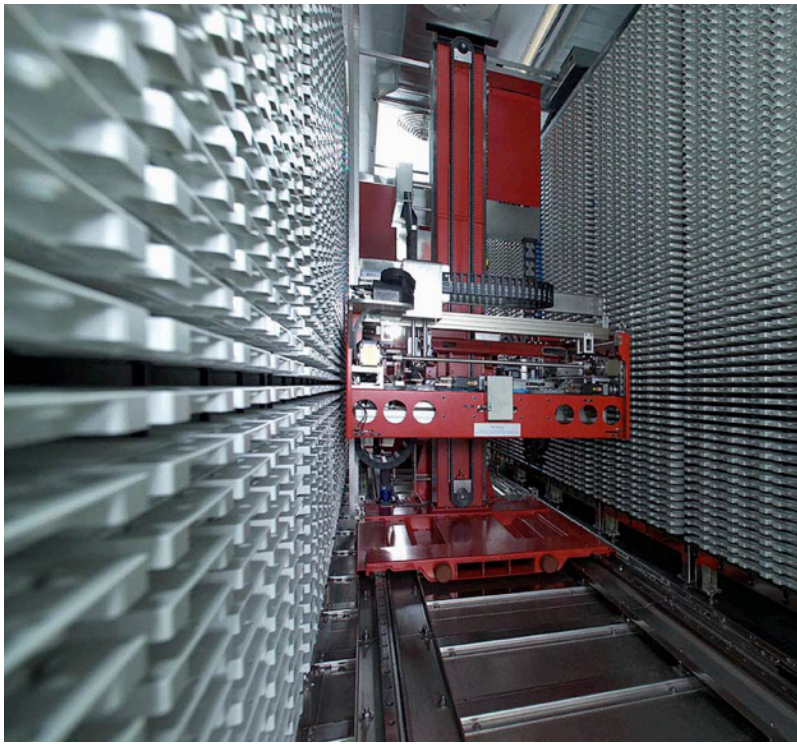
CTRB - Colket Translational Research Building



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Biorepository





* Variation in floor level cannot exceed 1 mm per Meter length
* Automated REMP/Nexus -20 C Freezer (DNA, Blood)
* Bank of -80 C and LN2 Freezers (RNA, Tissue, Viable Cells etc.)
* Database for Inventory Control and Metadata
* Online – Inventory, Governance, Request Materials/Data

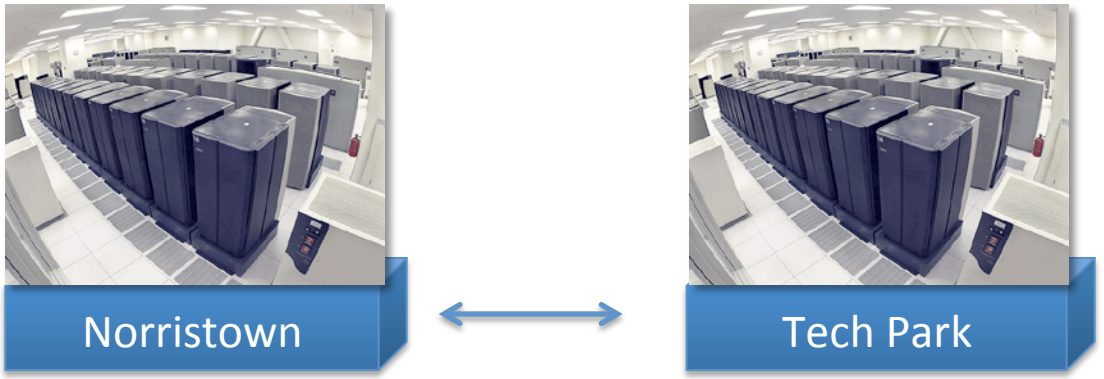
BGI@CHOP
High Throughput Sequencing Core



* Illumina HiSeq 2000
* ABI/Life Technologies 5500xl SOLiD

Computational/Informatics Support

Planned:



* HPC Cluster up to 300 Nodes
* Storage over 1 Petabyte