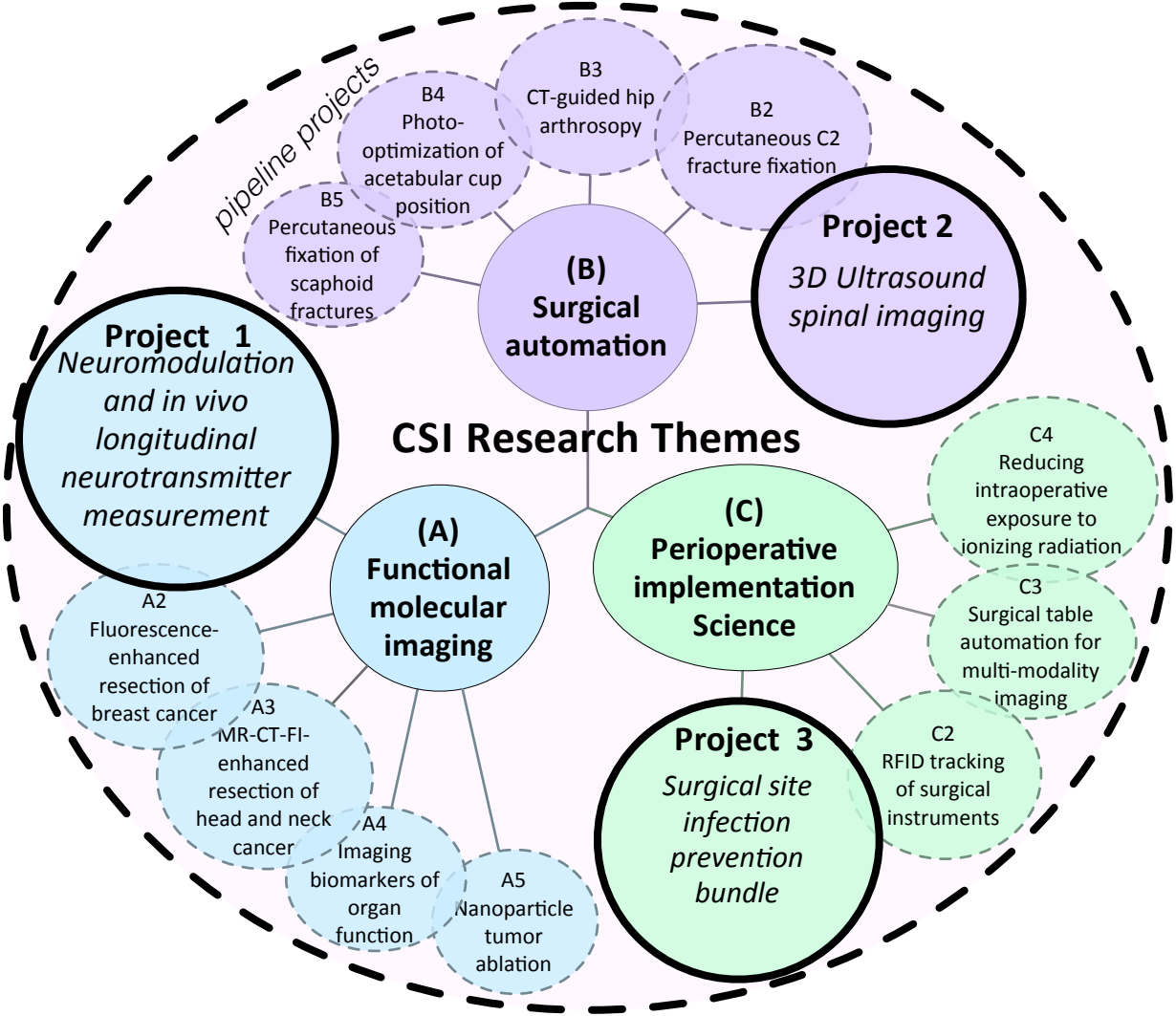
pipeline projects
B3
CT-guided hip arthrosopy
B4
Photo-optimization of acetabular cup position
B2
Percutaneous C2 fracture fixation
B5
Percutaneous fixation of scaphoid fractures
(B)
Surgical automation
Project 2
3D Ultrasound spinal imaging
Project 1
Neuromodulation and in vivo longitudinal neurotransmitter measurement
CSI Research Themes
C4
Reducing intraoperative exposure to ionizing radiation
(A)
Functional molecular imaging
(C)
Perioperative implementation Science
A2
Fluorescence-enhanced resection of breast cancer
C3
Surgical table automation for multi-modality imaging
A3
MR-CT-FI-enhanced resection of head and neck cancer
Project 3
Surgical site infection prevention bundle
C2
RFID tracking of surgical instruments
A4
Imaging biomarkers of organ function
A5
Nanoparticle tumor ablation