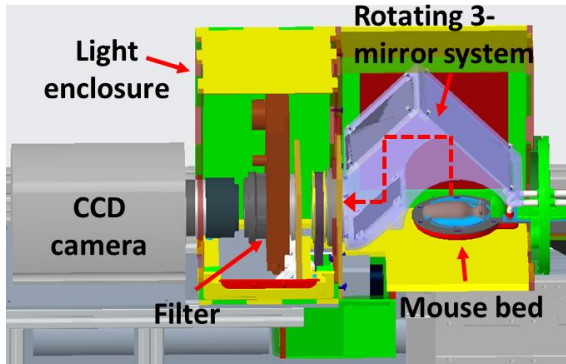
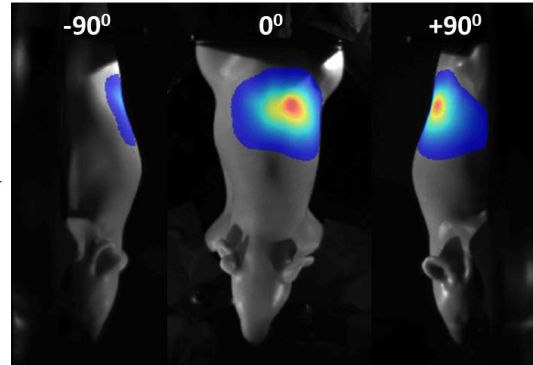


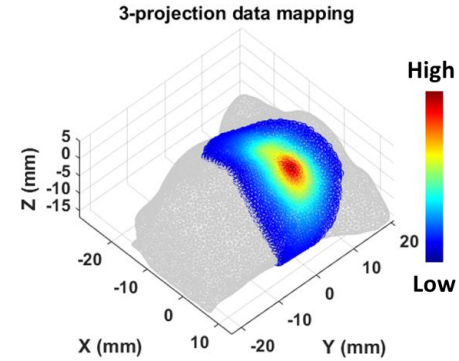
A novel multi-projection bioluminescence tomography for small animal radiation research platform (SARRP)



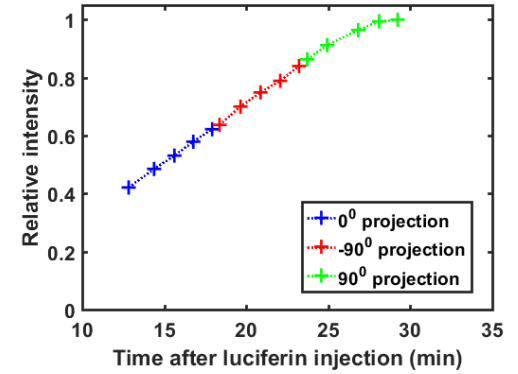
Schematic of optical system



Multi-projection bioluminescence imaging by rotating mirrors



Multi-projection data mapping on mesh surface generated from SARRP CBCT



In vivo signal time-resolved curve

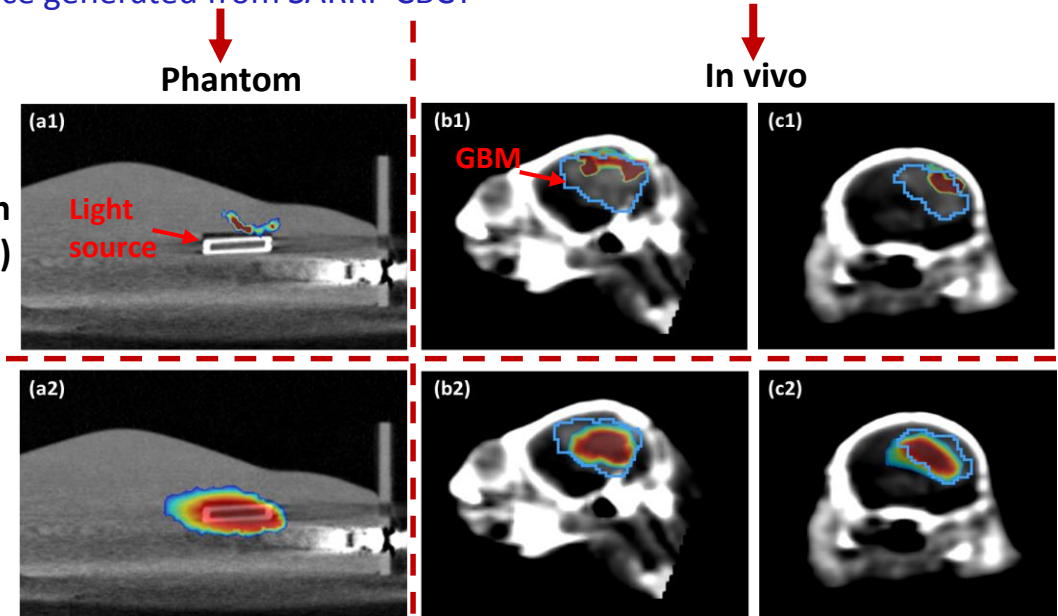
Session Title: John R. Cameron Young Investigator Symposium

Date and Time: 07/30/2018 | 7:30AM – 9:30AM

Presenting Author: Xiangkun Xu

Conventional reconstruction (without spectral derivative)

Novel reconstruction (with spectral derivative)



BLT reconstruction overlapping with SARRP CBCT