Nerve Specific Fluorophores for Image-Guided Surgery

Real-time surgical guidance to eliminate nerve damage

- Small molecule fluorophores readily penetrate nerve tissue and near-infrared (NIR) fluorescence minimizes background
- Direct administration allows the surgeon to preferentially highlight important nerve structures
- Technology is easily implemented in the surgical setting with the fluorescence channel of the da Vinci surgical robot

Contact: Connor Barth, Gibbs Lab, Oregon Health & Science University, email: barth@ohsu.edu, phone: 503-346-4766