



Name, Degree: Anita Joy BDS, PhD

Title: Associate Professor

Department: Growth, Development and Structure

Institution: SIU School of Dental Medicine

Email: ajoy@siue.edu

Phone: 618-474-7028

Web URL: <http://ajoy94.wix.com/siusdm-ajoy>

1. What are your current 3 main areas of research?

- Molecular mechanisms involved in migration and invasion (progression) of oral and salivary gland cancers
- Molecular mechanisms involved in drug-induced gingival overgrowth
- Anatomical variations that influence clinical practice

2. What are the top 3 areas of expertise/tools you are looking for in a research collaborator?

- Expertise in use of CRISPR/Cas system
- Expertise and facilities for using mouse models of cancer progression
- Access to flowcytometry facility

3. What 3 skills/tools that you have access to, are you willing to share with a potential research collaborator?

- Experience in cell culture techniques, molecular biology assays, scanning electron microscopy, and immunofluorescence/confocal microscopy
- Cadaver lab for human anatomy-based studies
- Editing and proof-reading for manuscripts and/or grant proposals.