

# Beta Cell Interest Group (BIG)

Current and ongoing beta cell research is presented in this weekly seminar by faculty, postdoctoral fellows and students. If you are interested in attending the Beta Cell Interest Group (BIG) seminars and joining the BIG community, please contact [David Jacobson](#).

Keywords: [islet](#) [beta cell](#)

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## Meeting Details

<b>Start Date / Time</b>	July 5, 2017 at 9:00 AM
<b>End Date / Time</b>	July 5, 2017 at 9:55 AM
<b>Duration</b>	55 minutes
<b>Location</b>	512 Light Hall
<b>Presenter Name</b>	Kathryn Trogden, PhD (Kaverina's lab)
<b>Presentation Title</b>	Golgi-derived microtubule nucleation in beta cells is regulated by calcium and cAMP
<b>Status</b>	This meeting has already occurred

## Meeting Agenda/Notes

Golgi-derived microtubule nucleation increases in response to high glucose in two waves that mirror GSIS in MIN6 cells. We have found that this response is regulated by calcium and cAMP. EPAC2, a cAMP effector, not PKA is involved in the first wave of nucleation.