

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: BIG Beta cell

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Meeting Details

Start Date / Time	July 31, 2019 at 9:00 AM
End Date / Time	July 31, 2019 at 9:55 AM
Duration	55 minutes
Location	512 Light Hall
Presenter Name	Scott Soleimanpour, MD, University of Michigan
Presentation Title	Quality or Quantity: Beta cell mitochondrial health in the development of diabetes
Status	This meeting has already occurred

Meeting Agenda/Notes

The Soleimanpour lab focuses on the underlying mechanisms regulating the mitochondrial life cycle and mitochondrial quality control in pancreatic beta cells, using genetically encoded mitochondrial biosensors, human islets, metabolic assays, and mouse genetic models. We will describe our current work to determine the consequences of mitochondrial dysfunction in the context of aging and obesity, two major risk factors for the development of diabetes.