



Grants

Active

01/01/2016 – 12/31/2019 **NIH/NIDDK DP3 (Diabetes Impact Award)**

1DP3DK106933-01 PI: K.K. Papas

High Cell-Density Bioartificial Pancreas Enabled By Miniaturized Wearable Oxygen Generator

08/01/2016-11/31/2016 **JDRF/ University of Arizona**

PI: K.K. Papas

Pairing of human stem cell derived beta-like cells with a high capacity, oxygen-enabled immunoisolation device.

08/01/2016-07/31/2019 **JDRF/ University of Arizona**

3-SRA-2016-254-S-B PI: K.K. Papas

Retrievable high-capacity scaffolds for β -cell replacement therapy in humans

06/01/2015 – 05/31/2018 **JDRF/ University of Arizona**

3-SRA-2015-40-Q-R PI: K.K. Papas

Towards Clinical Translation of a High Density Encapsulation Device with Enhanced Oxygen Supply

08/01/2014 – 07/31/2017 **JDRF/ University of Arizona**

3-SRA-2015-40-Q-R PI: K.K. Papas

Oxygen Demand and Effects of Oxygenation on Neonatal, Juvenile, and Adult Porcine Islets in vitro and in vivo

01/01/2016 – 12/31/2018 **Giner (Sub-NIH/NIDDK - SBIR Phase 2)**

1R44DK100999-01 PI: L. Tempelman; Co-PI: K.K. Papas

High-Density Bioartificial Pancreas Enabled by Implantable Oxygen Generator

Recently Completed

04/01/2013 – 04/01/2015 **JDRF/Innovative Grant (NCE)**

5-2013-141 PI: K.K. Papas

Title: Enhanced O₂ Supply to Immunoisolated Islets

01/01/2014 – 12/31/2014 **Giner (Sub-NIH/SBIR Phase 1)**

1R43DK100999-01 PI: L. Tempelman; Co-PI: K.K. Papas (PI (sub): KK Papas)

High-Density Bioartificial Pancreas Enabled by Implantable Oxygen Generator