Washington University Diabetes Research Center
Morphology and Metabolic Analysis Core
REQUEST FOR SERVICES

Investigator: Date of Request:

Email: Campus Box:

Phone:

Contact person name, email, and phone, if different:

Results requested by (date):

Title of Project:

Project Summary:

Relevance to diabetes:

Funding Source: Agency: Grant number:

IACUC (animal) Protocol Number and date of approval:

Services Requested:

Metabolic Tissue Acquisition

- ☐ Advice for design of studies using islets or β-cells
- ☐ Rodent islet isolation: species ; number of mice for isolation ; training:
- ☐ Procurement of human primary islets
- ☐ Supply of β-cell lines: ☐ Ins1E ; ☐ Ins1832/13; ☐ MIN6

Metabolic Tissue Analyses

- ☐ Islet secretory responses (static incubation)

  Number of samples to be tested

Training ☐

☐ Islet morphometry: number of mice: ☐

☐ Quantification of metabolic rates in diabetes-related tissues and cells (Seahorse)

☐ Analysis of endoplasmic reticulum stress in tissues

Number of sections for staining ☐

Antibodies for IF ☐

Antibodies for western analysis ☐

☐ Oxidative stress analyses

Number of sections for staining ☐

Antibodies for IF ☐

Antibodies for western analysis ☐

Tissue Analysis: Histology

☐ Paraffin blocks: number ☐

☐ Slides: number ☐

☐ Staining: number ☐ and stain ☐

☐ Cryostat training

Electron Microscopy

☐ Routine tissue EM: number of samples ☐

☐ Tissue culture EM: number of samples ☐

☐ Immuno-EM: number of samples ☐

☐ Negative staining: number of samples ☐

☐ Electron tomography: number of samples ☐

Please email completed form to:

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For Core use only:

Date received ☐

Project number ☐