AGENDA
DMICC Workshop on Research Supported by the Special Statutory Funding Program for Type 1 Diabetes Research

May 5-6, 2011

MAY 5

8:30-8:40 am  Welcome and Introduction
Griffin Rodgers, M.D., M.A.C.P., Director, NIDDK

8:40-9:00 am  Overview of the Special Statutory Funding Program for Type 1 Diabetes Research
Judith Fradkin, M.D., Director, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK

TOPIC 1: AUTOIMMUNE ETIOLOGY & EPIDEMIOLOGY
Primary Discussants: Peter Gregersen, M.D.; R. John Looney, M.D.; David Nathan, M.D.; and Roland Tisch, Ph.D.

Proposals for new initiatives

9:00 - 9:15 am  Proposal 1: Function of Genes for Type 1 Diabetes
Beena Akolkar, Ph.D., Senior Advisor, Immunopathogenesis and Genetics of Type 1 Diabetes, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Gregersen

9:15 - 9:30 am  Proposal 2: Ancillary Studies To Clinical Trials in Type 1 Diabetes
Lisa Spain, Ph.D., Program Director, Immunobiology of Type 1 Diabetes and Autoimmune Endocrine Diseases, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Looney

9:30 - 9:45 am  Proposal 3: Developmental Exposure to Immunotoxicants and Endocrine Active Compounds and the Development of Type 1 Diabetes
Jerrold Heindel, Ph.D., Chief, Cellular, Organs, and Systems Pathobiology Branch, Division of Extramural Research and Training, NIEHS
Primary discussant: Dr. Tisch

9:45 - 10:00 am  Proposal 4: New Methods and Technologies for Identification of Individuals at Risk for Type 1 Diabetes
Guillermo Arreaza-Rubin, M.D., Program Director, Clinical Immunology of Diabetes, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Tisch

10:00 - 10:15 am  Proposal 5: Feasibility Study of the Use of Health Information Technology for Public Health Surveillance of Diabetes and Its Complications in the U.S. Youth Population
Sharon Saydah, Ph.D., Senior Scientist, Division of Diabetes Translation, CDC
Primary discussant: Dr. Nathan

10:15 - 10:35 am  Break
Proposals for continuations/expansions of ongoing programs

10:35 – 10:55 am Proposal 6: Type 1 Diabetes TrialNet
Ellen Leschek, M.D., Program Director, Type 1 Diabetes TrialNet, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussants: Dr. Looney, Dr. Nathan

10:55 – 11:15 am Proposal 7: Immune Tolerance Network (ITN)
James McNamara, M.D., Associate Director, Clinical Research Program, Division of Allergy, Immunology, and Transplantation, NIAID
Primary discussants: Dr. Looney, Dr. Gregersen

11:15 – 11:35 am Proposal 8: Cooperative Study Group for Autoimmune Disease Prevention
Thomas Esch, Ph.D., Program Official, Division of Allergy, Immunology, and Transplantation, NIAID
Primary discussant: Dr. Gregersen

11:35 – 11:55 am Proposal 9: The Environmental Determinants of Diabetes in the Young (TEDDY)
Beena Akolkar, Ph.D., Senior Advisor, Immunopathogenesis and Genetics of Type 1 Diabetes, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussants: Dr. Gregersen, Dr. Looney

11:55 am – 12:40 pm LUNCH

12:40 – 1:40 pm Topic 1 panel discussion led by primary discussants

TOPIC 2: CLINICAL MANAGEMENT
Primary Discussants: Suzanne Craft, M.D., Ph.D.; Georgeanna Klingensmith, M.D.; David Nathan, M.D.; Timothy Wysocki, Ph.D.

Proposals for new initiatives

1:40 – 2:00 pm Proposal 1: Clinical Trials To Improve Outcome in Type 1 Diabetes
Teresa Jones, M.D., Program Director for Diabetic Complications, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussants: Dr. Nathan, Dr. Klingensmith

2:00 – 2:20 pm Proposal 2: Improving Adherence in Adolescents and Young Adults with Type 1 Diabetes
Christine Hunter, Ph.D., Director of Behavioral Research, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussants: Dr. Wysocki, Dr. Klingensmith

2:20 – 2:35 pm Proposal 3: Training for Behavioral Scientists in Type 1 Diabetes
Christine Hunter, Ph.D., Director of Behavioral Research, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Craft

2:35 – 3:15 pm Topic 2 panel discussion led by primary discussants

3:15 – 3:35 pm Break
TOPIC 3: RESOURCES
Primary Discussants: Alvin Powers, M.D.; Ann Marie Schmidt, M.D.; Megan Sykes, M.D.; Roland Tisch, Ph.D.; Todd Zion, Ph.D.

Proposals for new initiatives

3:35 - 3:50 pm Proposal 1: Human Diabetes Tissue Consortium
Teresa Jones, M.D., Program Director for Diabetic Complications, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussants: Dr. Schmidt, Dr. Tisch

Proposals for continuations/expansions of ongoing programs

3:50 - 4:10 pm Proposal 2: Type 1 Diabetes-Rapid Access to Intervention Development (T1D-RAID)
Myrlene Staten, M.D., Senior Advisor, Diabetes Translational Research, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Zion

4:10 - 4:30 pm Proposal 3: Type 1 Diabetes Mouse Resource
Kristin Abraham, Ph.D., Senior Advisor - Model Systems and Resources, Division of Diabetes, Endocrinology, and Metabolic Diseases, NIDDK
Primary discussant: Dr. Powers

4:30 – 4:50 pm Proposal 4: Integrated Islet Distribution Program
Michael Appel, Ph.D., Program Director, Islet Biology and Transplantation Research, Division of Diabetes, Endocrinology, and Metabolic Diseases, NIDDK
Primary discussant: Dr. Sykes

4:50 – 5:20 pm Topic 3 panel discussion led by primary discussants

5:20 – 6:00 pm Day 1 wrap-up discussion, led by Dr. Judith Fradkin, NIDDK
TOPIC 4: ARTIFICIAL PANCREAS
Primary Discussants: Robert Sherwin, M.D.; Todd Zion, Ph.D.

Proposals for new initiatives

8:00 – 8:15 am  Proposal 1: Towards an Artificial Pancreas: Expansion of Support for Research to Develop New Therapeutics and Monitoring Technologies for Type 1 Diabetes
Guillermo Arreaza-Rubín, M.D., Program Director, Clinical Immunology of Diabetes, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Sherwin

8:15 – 8:30 am  Proposal 2: Expansion of Support for the Testing of Current and Novel Closed Loop Systems through Clinical, Behavioral and Physiological Studies
Guillermo Arreaza-Rubín, M.D., Program Director, Clinical Immunology of Diabetes, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Zion

8:30 – 8:45 am  Topic 4 panel discussion led by primary discussants

TOPIC 5: BETA CELL REPLACEMENT
Primary Discussants: Ronald Gill, Ph.D.; Roland Tisch, Ph.D.; Megan Sykes, M.D.

Proposals for continuations/expansions of ongoing programs

8:45 – 9:05 am  Proposal 1: Clinical Islet Transplantation Consortium (CIT)
Thomas Eggerman, M.D., Ph.D., Director, Clinical Islet Transplantation Program, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK; and Nancy Bridges, M.D., Chief, Transplantation Immunobiology Branch, Division of Allergy, Immunology, and Transplantation, NIAID
Primary discussant: Dr. Sykes

9:05 – 9:25 am  Proposal 2: Collaborative Islet Transplant Registry (CITR)
Michael Appel, Ph.D., Program Director, Islet Biology and Transplantation Research, Division of Diabetes, Endocrinology, and Metabolic Diseases, NIDDK
Primary discussant: Dr. Sykes

9:25 – 9:45 am  Proposal 3: Non-Human Primate Cooperative Study Group (NHPCSG)
Kristy Kraemer, Ph.D., Section Chief, Transplantation Basic Sciences Section, Division of Allergy, Immunology, and Transplantation, NIAID
Primary discussants: Dr. Gill, Dr. Tisch

9:45 – 10:15 am  Topic 5 panel discussion led by primary discussants

10:15 – 10:30 am  BREAK
TOPIC 6: DIABETES COMPLICATIONS

Proposals for new initiatives

10:30 – 10:45 am  Proposal 1: Seeing the Development of Diabetes Complications – Retinal Vessels as Biomarkers
Teresa Jones, M.D., Program Director for Diabetic Complications, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Smith

10:45 – 11:00 am  Proposal 2: Sleep Health in Type 1 Diabetes
Daniel S. Lewin, Ph.D., D.ABSM, Program Director, Sleep Disorders Medicine, National Center on Sleep Disorders Research, Division of Lung Diseases, NHLBI
Primary discussant: Dr. Orchard

11:00 – 11:15 am  Proposal 3: Sudden Cardiac Death in the Young: Population-Based Studies
Jonathan Kaltman, M.D., Medical Officer, Heart Development and Structural Diseases Branch, Division of Cardiovascular Sciences, NHLBI
Primary discussant: Dr. Orchard

11:15 – 11:35 am  Proposal 4: Impact Awards for Complications of Type 1 Diabetes
Michael Flessner, M.D., Ph.D., Program Director, Inflammatory Renal Disease, Division of Kidney, Urologic, and Hematologic Diseases, NIDDK
Primary discussants: Dr. Schmidt, Dr. Orchard

11:35 – 12:35 pm  LUNCH

Proposals for continuations/expansions of ongoing programs

12:35 – 12:55 pm  Proposal 5: Diabetic Retinopathy Clinical Research Network (DRCR.net)
Frederick Ferris, III, M.D., Clinical Director, Division of Intramural Research, NEI
Primary discussants: Dr. Smith, Dr. Gregersen

12:55 – 1:15 pm  Proposal 6: Epidemiology of Diabetes Interventions and Complications (EDIC)
Catherine Cowie, Ph.D., Director, Diabetes Epidemiology Program, Division of Diabetes, Endocrinology, & Metabolic Diseases, NIDDK
Primary discussant: Dr. Schmidt

1:15 – 1:35 pm  Proposal 7: Diabetic Complications Consortium
Kristin Abraham, Ph.D., Senior Advisor - Model Systems and Resources, Division of Diabetes, Endocrinology, and Metabolic Diseases, NIDDK
Primary discussant: Dr. Smith

1:35 – 2:35 pm  Topic 6 panel discussion led by primary discussants

2:35 - 4:00 pm  Closing discussion led by Dr. Judith Fradkin, NIDDK