

ENDOCRINE FELLOWS FOUNDATION

PRECEPTORSHIP IN DIABETES MELLITUS COLUMBIA UNIVERSITY MEDICAL CENTER November 11-16, 2019



Application is due on or before
August 09, 2019

Applications will be accepted by mail, fax & email:
Endocrine Fellows Foundation
PO Box 310
Marion, CT 06444
aduquette@endocrinesfellows.org
Office: 860.586.7574

*The dates for the Preceptorship are final.
If you cannot attend the entire period, please do not apply.
Only 2nd and 3rd year fellows are eligible.
No exceptions will be made.*

Endocrine Fellows Foundation Preceptorship Program Description and Schedule

Accredited endocrinology training programs provide adequate exposure to all clinical areas. However, not all programs can provide in-depth exposure to specific areas such as diabetes mellitus. The Endocrine Fellows Foundation and Columbia University are pleased to announce a preceptorial experience to meet this need. They will be awarded to fellows who desire a greater experience in diabetes mellitus. Stipends will be provided for travel, hotel, and meals. A description follows of the preceptorship to be offered in diabetes mellitus at Columbia University, College of Physicians and Surgeons.

Diabetes Mellitus
Columbia University, College of Physicians and Surgeons
New York, New York
John P. Bilezikian, M.D.
Vice-Chair, International Education and Research
Chief Emeritus, Division of Endocrinology
November 11-16, 2019

The Preceptorial in Diabetes and Obesity, sponsored by the Endocrine Fellows Foundation, is conducted at the Naomi Berrie Diabetes Center at Columbia University Medical Center. The faculty that will be conducting this Preceptorship in Diabetes and Obesity is comprised of Drs. John P. Bilezikian, Robin Goland, Domenico Accili, Natasha Leibel, Magdalena Bogun, Utpal Pajvani, Wendy Chung, Rudolph Leibel, Xavier Pi-Sunyer, Judith Korner, Blandine Laferrere, Tirissa Reid, Joseph Tenenbaum, Henry Ginsberg, Mishaela Rubin, Daniel Casper, Gerald Appel, Megan Sykes, Dieter Egli.

The faculty engages in a vigorous clinical research program as well as in an active practice. The Naomi Berrie Diabetes Center is the site for one of the country's largest programs of clinical trials in Type 1 diabetes. These include TrialNet Type 1 Diabetes Pathway to Prevention, Immune Effects of Oral Insulin in Relatives at Risk for Type 1 Diabetes, CTLA-4 Ig for Prevention of Abnormal Glucose Tolerance in Relatives at Risk for Type 1 Diabetes Mellitus, and TUDCA: Clinical Investigation of Efficacy of Tauroursodeoxycholic Acid to Enhance Beta Cell Survival in Type 1 Diabetes by Reducing ER Stress. In addition, Berrie Center researchers participate in the GRADE Study (Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness), TODAY Study of Type 2 Diabetes in Adolescence and Youth, and Skin Biopsies for Generation of Disease-Specific Stem Cells. Faculty expertise also extends to more fundamental research initiatives, including: beta-cell biology, insulin action and insulin resistance, the genetics of obesity, non-alcoholic steatohepatitis, development of cell replacement therapies in diabetes, in-vivo imaging of beta-cell mass, and modelling of autoimmunity in type 1 diabetes. Clinical, diagnostic and therapeutic approaches used by the group are on the cutting edge of the field, and in many instances, have been defined by their efforts.

The fellows who are selected to participate in this program will gain experience in all these areas. Additionally, the preceptorial will consist of regular conferences replete with clinical case discussions, journal club, and research seminars. The preceptorial will also emphasize heavily the clinical approach to the patient with diabetes and obesity. The diagnostic and therapeutic approach to a wide variety of clinical problems will be reviewed case by case with the fellow. During the one-week training period, there will be many opportunities to have discussions with many members of the faculty.

**Tentative Schedule for Preceptorial
(Times and Topics are Subject to Change)
November 11-16, 2019**

John P. Bilezikian, MD, Director
Professor of Medicine and Pharmacology
Vice Chair, International Education and Research
Chief Emeritus, Division of Endocrinology
Director, Metabolic Bone Diseases Program
Columbia University Medical Center
College of Physicians and Surgeons

November 11: (Day 1) 1. Welcome & Introduction to Diabetes (Drs. *Bilezikian*); 2. The New Biology of Diabetes (Dr. *Accili*). 3. Type 1 Diabetes: Epidemiology, Pathophysiology, Prevention Trials (Dr. *Goland*); 4. Medical Management of T1DM (Dr. *N Leibel*); 5. Hands-On Session: New Pumps/Sensors/Hybrid systems (NBDC CDE's).

November 12: (Day 2) 6. Challenging Pump and Sensor Downloads (Dr. Bogun) 7. Epidemiology and Pathophysiology of Type 2 Diabetes (Dr. Bogun); 8. Medical management of Type 2 Diabetes: Orals, Incretins (Dr. *Pajvani*). 9. Diabetes Case Conference (Berrie Center Faculty). 10. Medical management of Type 2 Diabetes: Insulin (Dr. *Bogun*). 11. Monogenic Diabetes (Dr. *Chung*). 12. Diagnostic Dilemmas (Dr. Bogun)

November 13: (Day 3) 13. Epidemiology and Pathophysiology of Obesity (Dr. *Pi-Sunyer*). 14. Role of Intrauterine Environment in Programming of Obesity and Diabetes (Dr. *R Leibel*).15. Medical Management of Obesity (Dr. *Korner*). 16. Dewitt-Goodman Seminar in Obesity 17. Surgical Management of Obesity (Dr. *Laferrere*). 18. New Medications/Trials in Obesity (Dr. *Reid*)

November 14: (Day 4) 19. Naomi Berrie Diabetes Center Research Conference. 20. Cardiovascular Risk in Diabetes (Dr. *Tenenbaum*). 21. Medical Management of Lipids in Diabetes (Dr. *Ginsberg*). 22. NASH (Dr. *Pajvani*). 23. Diabetes and Bone (Dr. *Rubin*).

November 15 (Day 5) 24. Update in Retinopathy (Dr. *Casper*). 25 Update in Nephropathy (Dr. *Appel*). 26. Update in Neuropathy (Dr.). 27. Animal Models of T1DM (Dr. *Sykes*). 28. Novel Therapies in Diabetes (Dr. *Egli*)

November 16: (Day 6) *Frontiers in Diabetes Research: "Advances and Challenges in the Neuroscience of Ingestive Behaviors"*

Speakers are tentative

