



# *The Second* Global Diabetes Summit

*New Horizons in Diabetes: Genetics to Personalized Health Care*

**November 14 -17, 2012**

The Ohio State University  
Ohio Union  
1739 N. High St.  
Columbus, OH  
USA



Wexner  
Medical  
Center

*The Second*

# Global Diabetes Summit

---

*New Horizons in Diabetes: Genetics to Personalized Health Care*

**For more information contact:**

**Kwame Osei, MD, FACE, FACP**

Chair, Ohio State's Global Diabetes Summit

Ralph W. Kurtz, Chair of Endocrinology and  
Exercise Physiology

Director, OSU Diabetes Research Center

Professor of Medicine

The Ohio State University Wexner Medical Center

561 McCampbell Hall | 1581 Dodd Drive | Columbus, Ohio 43210

Tel: 614-685-3333

Fax: 614-366-3329

E-mail: [kwame.osei@osumc.edu](mailto:kwame.osei@osumc.edu)

**Lindsay Cowgill**

Program Manager

Center for Continuing Medical Education

P.O. Box 182721

660 Ackerman Road, Building 5, Second floor

Columbus, Ohio 43218-2721

Tel: 614-293-3576

Fax: 614-293-4180

E-mail: [lindsay.cowgill@osumc.edu](mailto:lindsay.cowgill@osumc.edu)

During this three-day symposium, diabetes experts will present the latest outcomes in diabetes research and formulate an interdisciplinary road map for prevention, detection, management and treatment of diabetes.

# *Agenda:*

## **PRE-CONFERENCE DAY: NOVEMBER 14**

6 – 9 p.m. Welcome Reception

## **DAY 1: NOVEMBER 15**

7 – 9 a.m. Registration

8 a.m. Opening Remarks

8:30 – 10:05 a.m. Plenary Session I  
*Moderator: Griffin Rodgers, MD, MBA, MACP*

8:35 – 9:20 a.m. Global Pandemic of Obesity and Diabetes in  
Adults – Epidemiological Solutions and  
Challenges  
*Jean-Claude Mbanya, MD, PhD, FCRP*

9:20 – 10:05 a.m. Genomics and Diabetes: Implications of  
Personalized Health  
*Griffin Rodgers, MD, MBA, MACP*  
*Invited Guest: Francis Collins, MD, PhD*

10:05 – 10:15 a.m. BREAK

10:15 a.m. – Noon Symposium A: Evidence-Based, Personalized and  
Lifestyle Approaches to Diabetes  
*Moderator: Samuel Dagogo-Jack, MD, FACE*

10:15 – 10:45 a.m. Look Ahead: Comprehensive Understanding of  
Management of Type 2 Diabetes in Multi-Ethnic  
Populations  
*Samuel Dagogo-Jack, MD, FACE*

10:45 – 11:15 a.m. Lifestyle and Diabetes in China  
*Jainping Weng, MD*

11:15 – 11:45 a.m. The U.S. National Diabetes Prevention Program:  
Implementing What We Have Learned from  
Research  
*Ann Albright, PhD, RD*

|                   |   |
|-------------------|---|
| 11:45 a.m. – Noon | Panel Discussion  |
| Noon – 1 p.m.     | LUNCH BREAK and blogging in Senate Room   |
| 1 – 1:35 p.m.     | Plenary Session II<br>Moderator: Vivian Fonseca, MD, FRCP<br><br>Legacy Effects of Cardiovascular Outcome Studies: Metabolic Memory – UKPDS to ACCORD<br>Rury Holman, MD, FRCP  |
| 1:35 – 1:45 p.m.  | BREAK   |
| 1:45 – 3:45 p.m.  | Symposium B: Pharmacology and Type 2 Diabetes<br>Moderator: Bernard Zinman, CM, MD<br><br>1:45 – 2:15 p.m. Future Oral Anti-Diabetic Medications on the Horizon: Promises and Pitfalls<br>Vivian Fonseca, MD, FRCP<br><br>2:15 – 2:45 p.m. Initial Combination Therapy for Type 2 Diabetes: Is it Ready for Prime Care?<br>Bernard Zinman, CM, MD<br><br>2:45 – 3:15 p.m. The Era of TZDs, DPP-IV Inhibitors and GLP-1 Analogs<br>Ralph DeFronzo, MD<br><br>3:15 – 3:45 p.m. Personalized Care and Pharmacogenetics of Diabetes<br>Soren Snitker, MD, PhD |
| 3:45 – 4 p.m.     | BREAK   |
| 4 – 5 p.m.        | Concurrent Workshops 1  |
|                   | Workshop 1A: Tissue Therapies and Biologics in Diabetes<br>Moderator: Sashwati Roy, PhD<br><br>4 – 4:25 p.m. Biochemistry of Wound Healing: Role of Antioxidants<br>Chandan Sen, PhD, FACSM, FACN<br><br>4:25 – 4:50 p.m. Cellular and Cytokine Profile for Wound Healing<br>Sashwati Roy, PhD  |

4:50 – 5 p.m. Panel Discussion

### Workshop 1B: Cellular Therapies of Diabetes

**Moderator: Amer Rajab, MD, PhD**

4 – 4:25 p.m. Lessons from International Pancreas Transplantation Registry

**Amer Rajab, MD, PhD**

4:25 – 4:50 p.m. Lessons From Islet Cell Transplantation Registry

**Rodolfo Alejandro, MD**

4:50 – 5 p.m. Panel Discussion

### Workshop 1C: Value of Cost Sharing in Diabetes Self-Management

**Moderator: Ruth Lipman, PhD**

4 – 4:25 p.m. Economic Value of Shared Medical Appointments for Individuals with Diabetes

**Iris Sanchez, DNP, FNP-BC, CDE**

4:25 – 4:50 p.m. Understanding the Effect of Cost-Sharing Access to and Utilization of Diabetes Self-Management and Training

**Sandra Burke, PhD, ANP, CDE**

4:50 – 5 p.m. Panel Discussion

## **DAY 2: NOVEMBER 16**

7:30 – 8 a.m. Registration

8 – 9:30 a.m. Plenary Session III

**Moderator: Jean-Claude Mbanya, MD, PhD, FCRP**

8 – 8:45 a.m. Advances in Health Disparities Genetics Research

**Charles Rotimi, PhD**

8:45 – 9:30 a.m. Personalized Care and Diabetes: The Role of Pharmacogenetics

**Ewan Pearson, MD**

9:30 – 9:45 a.m. BREAK

9:45 a.m. – Noon Concurrent Symposia C1 and C2

### Symposium C1: Immunology of Type 1 Diabetes

Moderator: Irl Hirsh, MD

9:45 – 10:30 a.m. Non-Classic Forms of Autoimmune and Non-Autoimmune Diabetes

Irl Hirsh, MD

10:30 – 11:15 a.m. Can Type 1 Diabetes Be Prevented?

Jay Skyler, MD, MACP

11:15 a.m. – Noon Type 1 Diabetes – New Immunological Approaches to Preserve Beta Cell Function

Kevan Herold, MD

### Symposia C2: New Technologies and Diabetes

Moderator: Richard Bergenstal, MD

9:45 – 10:30 a.m. Glucose Sensors – JDRF Report

William Tamborlane, MD

10:30 – 11:15 a.m. Augmented Sensor Insulin Pumps

Richard Bergenstal, MD

11:15 a.m. – Noon Closing the Loop

Aaron Kowalski, PhD

Noon – 1 p.m. LUNCH BREAK and blogging in Senate Room

1 – 1:45 p.m. Plenary Session IV: International Diabetes Forum

Moderator: Ayesha Motala, MB, ChB

The Future Horizon of Global Diabetes and Obesity in Developing Countries

Naomi Levitt, MB, ChB, MD

1:45 – 2 p.m. BREAK

2 – 3:30 p.m. Concurrent Workshops 2

Workshop 2A: Diabetes in Special Populations - Blacks and West Indians

Moderator: Albert G.B. Amoah, MB, ChB, PhD

2 - 2:30 p.m. Metabolic Syndrome and Diabetes in West Indies

Michael Boyne, MB, ChB, FRCPC



2:30 - 3 p.m. Metabolic Syndrome and Diabetes in South African Blacks  
**Ayesha Motala, MB, ChB**

3 - 3:30 p.m. Panel Discussion

#### Workshop 2B: Diabetes in Special Populations - Continental East Asians

**Moderator: Shashank R. Joshi, MD, FACE, FRCP**

2 - 2:30 p.m. Reasons for Increased Prevalence of Diabetes among Asian Indians  
**Abhimanyu Garg, MBBS, MD**

2:30 - 3 p.m. Prevention of Diabetes in India (IDPP 1 and 2)  
**Shashank R. Joshi, MD, FACE, FRCP**

3 - 3:30 p.m. Panel Discussion

#### Workshop 2C: Diabetes in Special Populations - Diabetes in Latinos

**Moderator: Enrique Caballero, MD**

2 - 2:30 p.m. Diabetes in Latinos: Impact of Immigration and Culture  
**Jaime Davidson, MD, FACE, FACP**

2:30 - 3 p.m. Ethnic Differences Diabetes in Subpopulations of Latinos  
**Guillermo Umpierrez, MD**

3 - 3:30 p.m. Panel Discussion

#### Workshop 2D: Ethnicity and Personalized Health Care - Diabetes in Women

**Moderator: Rebecca Jackson, MD**

2 - 2:30 p.m. Diabetes in Postmenopausal Women - The Women's Health Initiative  
**Barbara Howard, PhD**

2:30 - 3 p.m. Ethnic Differences in Metabolic Syndrome in Minority Women  
**Maria Rosario Araneta, PhD**

3 - 3:30 p.m. Panel Discussion

3:30 - 3:45 p.m. BREAK

- 3:45 – 6 p.m.      Symposium D: Diabetes and Youth  
Moderator: David Repaske, MD, PhD
- 3:45 – 4:15 p.m.    Obesity, Youth and Diabetes (DiaObesity)  
Francine Kaufman, MD
- 4:15 – 4:45 p.m.    Metabolic Syndrome and Obese Youth  
Sonia Caprio, MD
- 4:45 – 5:15 p.m.    Pathogenesis of Type 2 Diabetes in Youth:  
Importance of Ethnicity  
Silva Arslanian, MD
- 5:15 – 5:45 p.m.    COPE TEEN (Thinking, Emotions, Exercise, and  
Nutrition): An Intervention to Promote Cognitive  
Behavior Skills and Healthy Lifestyle Behaviors in  
Overweight Adolescents  
Bernadette Mazurek Melnyk, PhD, RN, CPNP/PMHNP
- 5:45 – 6 p.m.      Panel Discussion

### **DAY 3: NOVEMBER 17**

- 7:30 - 8 a.m.      Registration
- 8 a.m. - 12 p.m.    Concurrent Plenary Sessions
- Plenary V: Diabetes and Pregnancy  
Moderator: Mark B. Landon, MD
- 8 - 8:45 a.m.      Historical and Future Perspectives of New Guidelines  
in GDM: Would it Change Materno-Fetal Outcomes?  
Donald R. Coustan, MD
- 8:45 – 9:30 a.m.    Diabetes in Pregnancy: Controversies Surrounding  
GDM  
Mark B. Landon, MD
- 9:30 – 10:15 a.m.   Pathophysiology of Diabetes in Pregnancy: Lessons  
from TRIPOD and PIPOD  
Thomas Buchanan, MD
- 10:15 - 10:30 a.m. BREAK



10:30 – 11 a.m. Selection of Insulin Therapy in Pregnancy on Fetal Outcomes: Fiction or Reality?  
Lois Jovanovic, MD, MACE

11 – 11:30 a.m. Oral Agents and Pregnancy Outcome  
Celeste Durnwald, MD

11:30 – 11:45 a.m. Diabetes and Pregnancy Summary  
Steven G. Gabbe, MD

11:45 a.m. – Noon Panel Discussion

## Plenary Session VI: Lessons from Legacy Studies in Diabetes Prevention Trials

Moderator: Jaakko Tuomilehto, MD, PhD

8 - 8:45 a.m. Finnish Diabetes Prevention Study - 20 Years Legacy Study in Finland  
Jaakko Tuomilehto, MD, PhD

8:45 -9:30 a.m. Da Qing Diabetes Prevention Study - 23 Years Legacy Study in China  
Jianping Weng, MD

9:30 -10:15 a.m. US Diabetes Prevention Program - 5 Years Legacy Study in US  
Enrique Caballerro, MD

10:15 - 10:30 a.m. BREAK

10:30 – 11 a.m. Diabetes in the Arab Countries: Strategies for Effective Intervention Program  
Mahmoud Ibrahim, MD

11-11:30 a.m. Prevention of Diabetes in India Through Community Empowerment - Successful Case Studies  
Shashank R. Joshi, MD, FACE, FRCP

11:30-11:45 a.m. Diabetes Prevention Trials: Perspectives of IDF  
Jean-Claude Mbanya, MD, PhD, FCRP

11:45 - Noon Panel Discussion

Noon ADJOURNMENT

## ***Cancellation Policy***

Requests for cancellation must be submitted in writing and postmarked on or before 5 p.m. EST, October 12, 2012. (Requests postmarked by this date will receive a full refund). No refunds can be made for cancellation requests postmarked after this date. The Ohio State University reserves the right to cancel this program at any time and will assume no financial obligation to the registrants in the event of cancellation. If the course is cancelled, registration fees will be refunded in full.

## ***Accommodations and Hotels***

Room blocks at several area hotels have been made for GDS participants. Please visit the conference website for hotel and accommodation information. Visit [ccme.osu.edu](http://ccme.osu.edu), click on "View All Conferences" and then select "Second Global Diabetes Summit".

## ***Accreditation Statement***

The Ohio State University Center for Continuing Medical Education (CCME) is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

## ***AMA Credit Designation Statement***

The Ohio State University Center for Continuing Medical Education designates this live activity for a maximum of 18 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

## ***Other Certifications***

Summit planners are seeking continuing medical education certifications for several other specialty areas. Approval of additional certification (other than *AMA PRA Category 1 Credit*™ for physicians) is pending application approval and cannot be guaranteed.

### ***To register online,***

Visit [ccme.osu.edu](http://ccme.osu.edu) and click on "**View All Conferences**", then select the "**Second Global Diabetes Summit**".

You must be logged into an OSU CCME account to register.

If you do not have an account, click on the red "**Sign Up**" button.

If you encounter any issues with the registration system, contact the CME office at (614) 293-3576.

For a complete agenda, visit [diabetesresearch.osu.edu](http://diabetesresearch.osu.edu)

# Course Registration

## Registrant Information

Suffix\*      Mr.      Mrs.      Ms.      Miss.      Dr.

Name\*

Degree(s)\*    MD      DO      PhD      RN      CNP      Other \_\_\_\_\_

Medical Specialty

Address\*

City\*      State/Country\*      ZIP\*

Daytime Telephone

Fax

Email\*

*Important - A valid email address is required at time of registration to create or confirm the existence of an OSU CCME account. Failure to provide a valid email address may cause a delay in the processing of program registration and the awarding of CME credits earned.*

## Global Diabetes Summit Concurrent Session Selection

*(Please select **ONE** from each section) If you do not make selections, you will be assigned based on availability.*

### Concurrent Workshops 1 - Thursday, November 15 - 4-5 p.m.

☐ Workshop 1A - Tissue Therapies and Biologics in Diabetes

☐ Workshop 1B - Cellular Therapies of Diabetes

☐ Workshop 1C - Understanding the Effect of Cost-Sharing Access to and Utilization of Diabetes Self-Management and Training

### Concurrent Symposia C - Friday, November 16 - 9:45 a.m.-noon

☐ Symposium C1 - Immunology of Type 1 Diabetes

☐ Symposium C2 - New Technologies and Diabetes

### Concurrent Workshops 2 - Friday, November 16 - 2-3:30 p.m.

☐ Workshop 2A - Diabetes in Special Populations: Black and West Indians

☐ Workshop 2B - Diabetes in Special Populations: Continental East Asians

☐ Workshop 2C - Diabetes in Special Populations: Diabetes in Latinos

☐ Workshop 2D - Ethnicity and Personalized Health Care: Diabetes in Women

### Concurrent Plenary - Saturday, November 17 - 8-11:45 a.m.

☐ Plenary Session V - Diabetes and Pregnancy

☐ Plenary Session VI - Lessons from Legacy Studies in Diabetes Prevention Trials

### Return To:

Center for Continuing  
Medical Education

The Ohio State University  
Wexner Medical Center

600 Ackerman Rd - E2058

P.O. Box 182721

Columbus, OH 43218-2721

USA

[ccme.osu.edu](http://ccme.osu.edu)

## Course Fees

### Regular Program Fees

Physicians      ☐ \$500

Non-Physicians      ☐ \$350

### One Day Registration Fees:

☐ \$250 - Thursday, Nov 15 ONLY

☐ \$250 - Friday, Nov 16 ONLY

☐ \$175 - Saturday, Nov 17 ONLY

**Make Checks Payable to:** The Ohio State University

☐ Check enclosed, in US Dollars

## Credit Card Information

☐ VISA

☐ Mastercard

☐ Discover

☐ AMEX

Credit Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

## Policy regarding One Day Registrations :

If you purchase a one day registration and choose to attend the full conference at a later date, you may upgrade to a Full Conference registration by contacting the **OSU CCME office at 614-293-3576**. Your credit card will be charged the difference. Registration downgrades (from a Full Conference registration to a One Day registration) are prohibited.



# *The Second* Global Diabetes Summit

*New Horizons in Diabetes: Genetics to Personalized Health Care*



**Wexner  
Medical  
Center**

**Center for Continuing Medical Education**

The Ohio State University Wexner Medical Center  
600 Ackerman Rd - E2058  
PO. Box 182721  
Columbus, OH 43218-2721  
USA  
[ccme.osu.edu](http://ccme.osu.edu)

Non-Profit  
U.S. Postage  
PAID  
Columbus, OH  
Permit No. 711