

2ND WORLD CONGRESS ON INTERVENTIONAL THERAPIES FOR TYPE 2 DIABETES

March 28-30, 2011

Hilton New York . New York, NY . USA

CONGRESS DIRECTOR Francesco Rubino, MD



ADVANCE PROGRAM

www.wcidt.org







2ND WORLD CONGRESS ON INTERVENTIONAL THERAPIES FOR TYPE 2 DIABETES



American Diabetes Association

ENDORSING SOCIETIES

The 2nd World Congress on Interventional Therapies for Type 2 Diabetes is endorsed by the following organizations.



American Association of Clinical Endocrinologists



American Association of **Endocrine Surgeons**



American Gastroenterological Association



American Society for Metabolic and Bariatric Surgery

Asociacion De Cirugia Bariatrica Y Metabolica De Guatemala



Asia Pacific, Metabolic & **Bariatric Surgery Society**



Asociation Latinoamericana De Circurjanos Endoscpistas



Association for the Study of Obesity



Belgian Endocrine Society



Diabetes UK



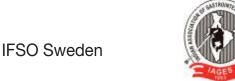
Endocrine Society



European Association for Endoscopic Surgery



European Association for the Study of Diabetes



Indian Association of Gastrointestinal **Endo-Surgeons**



International Atherosclerosis Society



International Federation for the Surgery of Obesity and Metabolic Disorders



Italian Society of Endocrinology



Japan Society for the Study of Obesity



National Obesity Forum

1



2ND WORLD CONGRESS ON INTERVENTIONAL THERAPIES FOR TYPE 2 DIABETES

ENDORSING SOCIETIES

The 2nd World Congress on Interventional Therapies for Type 2 Diabetes is Endorsed by the Following Organizations.







THE OBESITY SURGERY SOCIETY
OF AUSTRALIA AND NEW
ZEALAND

The Obesity Society

Obesity Surgery Society of Australia & New Zealand







Qatar Diabetes

Association - Qatar Foundation

DE DIABETES
(ASOCIACION CIVIL)

SOCIEDAD ARGENTINA

Sociedad Argentina de Diabetes



Sociedade Brasileira de Cirurgia Bariatrica e Metabolica



Sociedade Brasileira de Diabetes (SBD)







Società Italiana dell'Obesità



Società Italiana di Chirurgia dell'Obesità e delle malattie metaboliche

Società Italiana di Diabetologia



Società Italiana per la Prevezione Cardiovascolare



Society for Endocrinology



Society of American Gastrointestinal and Endoscopic Surgeons



The Society for Surgery of the Alimentary Tract



Swiss Society for the Study of Morbid Obesity and Metabolic Disorders

This program is supported in name only by the American Heart Association's Councils on Basic Cardiovascular Sciences, Clinical Cardiology, Epidemiology and Prevention, Nutrition, Physical Activity and Metabolism, Kidney in CV Disease, and High Blood Pressure Research. http://www.heart.org/HEARTORG/



2nd World Congress on Interventional Therapies for Type 2 Diabetes

Scope

The World Congress on Interventional Therapies for Type 2 Diabetes is a comprehensive, multidisciplinary forum where leading international experts will conduct a critical review and discussion of the latest research findings on metabolic/bariatric surgery and novel interventional therapies for type 2 diabetes.

The signature design of this congress includes state-of-the art review lectures and debates among clinicians, scientists, and policy makers.

The overarching aim is to craft an agenda of research priorities and health policy initiatives relevant to the use and study of gastrointestinal interventions, with the ultimate goal of improving the treatment and understanding of diabetes and providing direction for treatments of curative intent.







Specific themes of the World Congress include:

- Epidemiology and economic impact of diabetes
- Latest research findings on interventional therapies for type 2 diabetes
- Current recommendations/guidelines for surgical treatment of diabetes
- Impact of interventional therapies on cardiovascular risk in diabetic patients
- Role of integrated surgical and medical approaches for diabetes (multimodality therapies)
- Novel technologies and gastrointestinal devices for diabetes
- Cost effectiveness of surgery as a treatment for diabetes
- Conventional paradigms vs. novel ideas on the etiology of diabetes and obesity: debate by leading scientists in the field
- Mechanisms of surgical control of diabetes and gastrointestinal targets for drug development





Who Should Attend?

This Congress is designed for professionals in the fields of endocrinology, diabetes, bariatric/metabolic surgery, cardiology, epidemiology, gastroenterology, internal medicine, family medicine, pharmacology, nutrition, basic science, and public health, as well as allied health professionals, policy makers, and scientists from the pharmaceutical and medical device industries.

Register now at www.wcidt.org



Congress Program Committee

CONGRESS DIRECTOR

FRANCESCO RUBINO, MD

Weill Cornell Medical College New York, NY, USA

PROGRAM COMMITTEE CHAIRS and CO-CHAIRS

CLINICAL TRACK

Chair

HAROLD E. LEBOVITZ, MD

State University of New York, Health Science Center Brooklyn, NY, USA

Co-Chair

PHILIP SCHAUER, MD

Cleveland Clinic Cleveland, OH, USA

RESEARCH TRACK

Chair

DAVID E. CUMMINGS. MD

Diabetes Endocrinology Research Center University of Washington Seattle, WA, USA

Co-Chair

LEE M. KAPLAN, MD, PhD

Harvard Medical School Boston, MA, USA

POLICY TRACK

Chair

PAUL ZIMMET, MD, PhD

Baker IDI Heart and Diabetes Institute Melbourne, Australia

Co-Chair

DAVID FLUM, MD, MPH

University of Washington Seattle, WA, USA

PROGRAM COMMITTEE MEMBERS

DOMENICO ACCILI, MD

Columbia University Medical Center New York, NY, USA

LOUIS ARONNE, MD

Weill Cornell Medical College New York, NY, USA

RICARDO V. COHEN, MD

The Center for the Surgical Treatment of Obesity and Metabolic Disorders Hospital Oswaldo Cruz Sao Paulo, Brazil

JOHN DIXON, MBBS, PhD

Baker IDI Heart and Diabetes Institute Melbourne, Australia

ROBIN S. GOLAND, MD

Columbia University College of Physicians & Surgeons New York, NY, USA

ALLISON B. GOLDFINE, MD

Joslin Diabetes Center Boston, MA, USA

M. SUE KIRKMAN, MD

American Diabetes Association Alexandria, VA, USA

SAMUEL KLEIN, MD

Washington University School of Medicine St. Louis, MO, USA

RUDOLPH L. LEIBEL, MD

Columbia University Medical Center New York, NY, USA

CAREL W. LE ROUX, MRCP, PhD

Imperial College London, UK

TIMOTHY E. MCGRAW, PhD

Weill Cornell Medical College New York, NY, USA

JEFFREY I. MECHANICK, MD

American Association of Clinical Endocrinologists New York, NY, USA

JESSE ROTH, MD

Albert Einstein College of Medicine Manhasset, NY, USA

ADVISORY COMMITTEE MEMBERS

Linda Cann, MSEd (Alexandria, VA, USA), Ricardo V. Cohen, MD (Sao Paulo, Brazil), David E. Cummings, MD (Seattle, WA, USA), Antonio M. Gotto, JR., MD, DPhil (New York, NY, USA), Lee M. Kaplan, MD, PhD (Boston, MA, USA), M. Sue Kirkman, MD (Alexandria, VA, USA), Harold E. Lebovitz, MD (Brooklyn, NY, USA), Fabrizio Michelassi, MD (New York, NY, USA), Alfons Pomp, MD (New York, NY, USA), Philip Schauer, MD (Cleveland, OH, USA), Paul Zimmet, MD, PhD (Melbourne, Australia).



2nd World Congress on Interventional Therapies for Type 2 Diabetes



DIABETES
CURRENTY AFFECTS
246 MILLION PEOPLE
WORLDWIDE,
ACCORDING TO THE
INTERNATIONAL
DIABETES
FEDERATION (IDF).

DURING THE
WORLD CONGRESS,
THE IDF
WILL ANNOUNCE ITS
FIRST POSITION
STATEMENT ON
METABOLIC/BARIATRIC
SURGERY AND GI
INTERVENTIONS
FOR THE
TREATMENT OF
DIABETES.

Program Format

Plenary Sessions

There will be three Congress tracks: clinical, research, and policy. Each track has multiple sessions. The program of each Congress session includes state of the art lectures providing a review of available data. The lectures will be followed by an interactive expert panel discussion as well as Q&A time with the audience. The panel debates are the signature feature of this congress and will provide an opportunity for interactive discussions.

Breakout Sessions (Tuesday evening, March 29th)

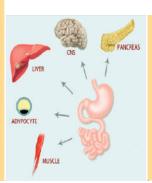
The Faculty and audience will divide into separate rooms for each of the three tracks. Faculty designates will lead with a prepared selection of evidence based topics and potential conclusions that are designed to capture the consensus of session participants. Each of these breakout sessions will last for 2 hours.

Conclusive Plenary Session (Wednesday, March 30th)

A summary of the conclusions of the three breakout sessions will be presented by a Faculty representative in the final plenary session of the Congress. An interactive voting system will be used to verify which conclusions obtain the greatest enthusiasm and support from the participants. This process will ultimately generate an executive summary of the main Congress outcomes.

After the Congress

Shortly after the New York meeting, a dedicated Writing Committee will draft a consensus document detailing the outcomes of the Conclusive Plenary Session. Its aim and content is not to generate new clinical guidelines, but to highlight the most important messages from the World Congress. Inevitably, it will indicate areas of research that should receive priority and call to action appropriate policy changes. This will be submitted to a relevant medical journal for publication as a white paper.



THE GI TRACT IS AN IMPORTANT ENDOCRINE ORGAN. IT COMMUNICATES WITH PERIPHERAL ORGANS REGULATING APPETITE/SATIETY AND INSULIN SECRETION. THE MECHANISMS OF ACTION OF GI METABOLIC SURGERY AND THE POTENTIAL ROLE OF THE GUT IN OBESITY/DIABETES WILL BE DISCUSSED IN THIS CONGRESS.



Distinguished Faculty

DOMENICO ACCILI, MD

Columbia University Medical Center New York, NY, USA

TED D. ADAMS, PhD, MPH

University of Utah School of Medicine Health & Fitness Institute, LDS Hospital Salt Lake City, UT, USA

K. GEORGE ALBERTI, MA, DPhil, BM BCh

Imperial College London London, UK

HANAN AL KUWARI, PhD

Hamad Medical Corporation Doha, Qatar

STEPHANIE A. AMIEL, MD

Kings College London London, UK

CAROLINE M. APOVIAN, MD

Boston University School of Medicine Boston, MA, USA

LOUIS ARONNE, MD

Weill Cornell Medical College New York, NY, USA

NICOLA BASSO, MD

Università degli Studi di Roma "La Sapienza" Rome, Italy

RICHARD N. BERGMAN, PhD

University of Southern California Los Angeles, CA, USA

ZACHARY T. BLOOMGARDEN, MD

Mount Sinai School of Medicine New York, NY, USA

STACY A. BRETHAUER, MD

Cleveland Clinic Cleveland, OH, USA

MICHAEL S. BROWN, MD

University of Texas Southwestern Medical Center Dallas, TX, USA

HENRY BUCHWALD, MD, PhD

University of Minnesota Medical School Minneapolis, MN, USA

PRADEEP CHOWBEY, MS

Institute of Minimal Access, Metabolic & Bariatric Surgery Max Healthcare New Delhi. India

RICARDO V. COHEN, MD

The Center for the Surgical Treatment of Obesity and Metabolic Disorders Hospital Oswaldo Cruz Sao Paulo, Brazil

DAVID E. CUMMINGS, MD

Diabetes Endocrinology Research Center University of Washington Seattle, WA, USA

TAMARA DARSOW, PhD

American Diabetes Association Alexandria, VA, USA

ARA DARZI, MD

Imperial College London London, UK

RALPH DEFRONZO, MD

School of Medicine, UT Health Science Center, San Antonio San Antonio, TX, USA

STEFANO DEL PRATO, MD

University of Pisa Pisa, Italy

AUREO DE PAULA, MD

Hospital de Especialidades Goiania, Brazil

JOHN DIXON, MBBS, PhD

Baker IDI Heart and Diabetes Institute Melbourne, Australia

ROBERT H. ECKEL, MD

University of Colorado Denver Anschutz Medical Campus Aurora, CO, USA

ELE FERRANNINI, MD

University of Pisa Pisa, Italy

DAVID FLUM, MD, MPH

University of Washington Seattle, WA, USA

JOHN FUNDER, MD, PhD

Prince Henry's Institute Clayton, VIC, Australia

MICHEL GAGNER, MD, PhD

Herbert Wertheim College of Medicine Florida International University Miami, FL, USA

MANOEL GALVAO NETO, MD

Gastro Obeso Center São Paulo, Brazil

ROBIN S. GOLAND, MD

Columbia University College of Physicians & Surgeons New York, NY, USA

ALLISON B. GOLDFINE, MD

Joslin Diabetes Center Boston, MA, USA

JOSEPH L. GOLDSTEIN, MD

University of Texas Southwestern Medical Center Dallas, TX, USA

ANTONIO M GOTTO, JR., MD, DPhil

Weill Cornell Medical College New York, NY, USA

JAN WILLEM M. GREVE, MD

Atrium Medical Center Parkstad Heerlen, The Netherlands

YUSAKE HADA, MD

Tokyo University School of Medicine Tokyo, Japan

BJØRN M. HOFMANN, MSC, PhD

Center for Medical Ethics University of Oslo and University College of Gjøvik Oslo and Gjøvik, Norway

JENS JUUL HOLST, MD

Copenhagen University Copenhagen, Denmark

LINONG JI, MD

Peking University People's Hospital Beijing, China

INTERVENTIONAL THERAPIES

Distinguished Faculty

SHASHANK R. JOSHI, MD, DM

Grant Medical College and Sir JJ Group of Hospitals Mumbai, India

STEVEN E. KAHN, MB, ChB

VA Puget Sound Health Care System and University of Washington Seattle, WA, USA

LEE M. KAPLAN, MD, PhD

Harvard Medical School Boston, MA, USA

CATHERINE KEATING, MPH

Deakin University Melbourne, Australia

M. SUE KIRKMAN, MD

American Diabetes Association Alexandria, VA, USA

SAMUEL KLEIN, MD

Washington University School of Medicine St. Louis, MO, USA

JUDITH KORNER, MD, PhD

Columbia University College of Physicians and Surgeons New York, NY, USA

BLANDINE B. LAFERRERE, MD

New York Obesity Nutrition Research Center Columbia University College of Physicians and Surgeons New York, NY, USA

HAROLD E. LEBOVITZ, MD

State University of New York, Health Science Center Brooklyn, NY, USA

FRANK LEFEVRE, MD

Northwestern University Feinberg School of Medicine BCBSA Technology Evaluation Center Chicago, IL, USA

RUDOLPH L. LEIBEL, MD

Columbia University Medical Center New York, NY, USA

CAREL W. LE ROUX, MRCP, PhD

Imperial College London, UK

RUTH E. LEY, PhD

Cornell University Ithaca, NY, USA

RUI LI, PhD

Centers for Disease Control and Prevention Atlanta, GA, USA

TIMOTHY E. MCGRAW, PhD

Weill Cornell Medical College New York, NY, USA

JEFFREY I. MECHANICK, MD

American Association of Clinical Endocrinologists New York, NY, USA

GELTRUDE MINGRONE, MD, PhD

Universita' Cattolica del S. Cuore Rome, Italy

F. XAVIER PI-SUNYER, MD

Columbia University College of Physicians and Surgeons New York, NY, USA

ALFONS POMP, MD

Weill Cornell Medical College New York, NY, USA

WALTER PORIES, MD

East Carolina University, Brody School of Medicine Greenville, NC, USA

JESSE ROTH, MD

Albert Einstein College of Medicine, Yeshiva University Feinstein Institute for Medical Research Manhasset, NY, USA

FRANCESCO RUBINO, MD

Weill Cornell Medical College New York, NY, USA

MOH'D. FATHY SAOUD, PhD

Qatar Foundation Doha, Qatar

PHILIP SCHAUER, MD

Cleveland Clinic Cleveland, OH, USA

GARY J. SCHWARTZ, PhD

Albert Einstein College of Medicine Bronx, NY, USA

RANDY J. SEELEY, PhD

Metabolic Diseases Institute University of Cincinnati Cincinnati, OH, USA

HARVEY J. SUGERMAN. MD

Virginia Commonwealth University Richmond, VA, USA

GERALD SHULMAN, MD, PhD

Howard Hughes Medical Institute Yale School of Medicine New Haven, CT, USA

LARS SJÖSTRÖM, MD, PhD

Institute of Internal Medicine Sahlgrenska University Hospital Göteborg, Sweden

MYRLENE STATEN, MD

NIDDK, National Institutes of Health Bethesda, MD, USA

SEAN D. SULLIVAN, PhD

School of Pharmacy, University of Washington Seattle, WA, USA

TESS VAN DER MERWE, MBChB, PhD

University of Pretoria Pretoria, South Africa

BRUCE M. WOLFE, MD

Oregon Health & Science University Portland, OR, USA

CAROL H. WYSHAM, MD

University of Washington School of Medicine Seattle, WA, USA

JAMES YOUNG, MD

Cleveland Clinic Cleveland, OH, USA

PAUL ZIMMET, MD, PhD

Baker IDI Heart and Diabetes Institute Melbourne, Australia

MONDAY, MARCH 28, 2011

8:00 am - 8:20 am **Opening Ceremony**

8:20 am - 8:35 am Introduction of the World Congress: Scope and Methods

F. Rubino (New York, NY, USA)

CLINICAL TRACK SESSION I 8:35 am - 10:50 am

Clinical Outcomes of Conventional and Surgical Treatments for T2DM

Chairs: W. Pories (Greenville, NC, USA) • H.E. Lebovitz (Brooklyn, NY, USA)

8:35 am - 8:55 am Glycemic and metabolic control with current pharmacologic treatments

S. Del Prato (Pisa, Italy)

8.55 am - 9:15 am Glycemic and metabolic outcomes with bariatric/metabolic surgery: overview

P. Schauer (Cleveland, OH, USA)

9:15 am - 9:30 am Long-term prevention and remission of diabetes after bariatric surgery in the SOS study

L. Sjöström (Göteborg, Sweden)

9:30 am - 9:45 am Safety profiles of pharmaceutical approaches

H.E. Lebovitz (Brooklyn, NY, USA)

9:45 am - 10:00 am Safety profiles of surgical approaches: short and long term

B.M. Wolfe (Portland, OR, USA)

10:00 am - 10:50 am Panel Discussion

Panelists: S.A. Amiel (London, UK), Z.T. Bloomgarden (New York, NY, USA), J. Dixon (Melbourne, Australia), A. Pomp (New York, NY, USA), H. Buchwald (Minneapolis, MN, USA), A.B. Goldfine (Boston, MA, USA), K.G. Alberti (London, UK), J.I. Mechanick (New York, NY, USA), X. Pi-Sunyer (New York, NY, USA)

10:50 am - 11:10 am COFFEE BREAK

POLICY TRACK SESSION I 11:10 am - 12:30 pm

The International Diabetes Federation (IDF) Position Statement on Interventional Treatments of Type 2 Diabetes

Chairs: J. Dixon (Melbourne, Australia) • K.G. Alberti (London, UK)

11:10 am - 11:20 am Existing guidelines for surgical treatment of obesity and diabetes (NIH, DSS, ADA)

L.M. Kaplan (Boston, MA, USA)

11:20 am - 11:40 am The IDF position statement on interventional therapies for type 2 diabetes

P. Zimmet (Melbourne, Australia)

11:40 am - 12.30 pm Panel Discussion

Panelists: C. Wysham (ADA) (Seattle, WA, USA), J.I. Mechanick (AACE) (New York, NY, USA), S.A. Amiel (Diabetes UK) (London, UK), X. Pi-Sunyer (NHLBI) (New York, NY, USA), A.M. Gotto (New

York, NY, USA), F. Rubino (New York, NY, USA), R.H. Eckel (Aurora, CO, USA)

12:30 pm - 1:30 pm LUNCH BREAK

MONDAY, MARCH 28, 2011 (continued)

CLINICAL TRACK	SESSION II 1:30 pm - 3:00 pm
	n and Survival in Patients with Diabetes: Medical versus Surgical Therapy www.York, NY, USA) • K.G. Alberti (London, UK)
1:30 pm - 1:50 pm	CV risk, CVD and diabetes-related mortality: impact of pharmacologic approaches R.H. Eckel (<i>Aurora, CO, USA</i>)
1:50 pm - 2:05 pm	Long-term (20 years) impact of bariatric surgery on CV risk and CVD: an update from the SOS study L. Sjöström (Göteborg, Sweden)
2:05 pm - 2:15 pm	The impact of bariatric/metabolic surgery on CV risk and long-term survival T.D. Adams (Salt Lake City, UT, USA)
2:15 pm - 3:00 pm	Panel Discussion Panelists: R. DeFronzo (San Antonio, TX, USA), E. Ferrannini (Pisa, Italy), S.R. Joshi (Mumbai, India), S.E. Kahn (Seattle, WA, USA), J. Young (Cleveland, OH, USA), H.J. Sugerman (Richmond, VA, USA), W. Pories (Greenville, NC, USA)
3:00 pm - 3:20 pm	COFFEE BREAK

CLINICAL TRACK SESSION III	3.20 nm - 5.45 nr	'n
DEIMIGAE IMAGIN DEGGION III	U.EU PIII - U.TU PI	ш

Diabetes Surgery: Indications, Choice of Procedure & Peri-Operative Management

Chairs: R.S. Goland (New York, NY, USA) • L. Aronne (New York, NY, USA)

3:20 pm - 3:35 pm	Predicting factors of diabetes control/reasonable criteria for surgical indication J. Korner (New York, NY, USA)
3:35 pm - 3:50 pm	Preoperative management of diabetic patients C.M. Apovian (Boston, MA, USA)
3:50 pm - 4:05 pm	Which surgical procedure is best? Summary of available evidence from comparative clinical studies in high and low BMI patients H.J. Sugerman (Richmond, VA, USA)
4:05 pm - 4:40 pm	Panel Discussion Panelists: H.E. Lebovitz (Brooklyn, NY, USA), S.R. Joshi (Mumbai, India), J.I. Mechanick (New York, NY, USA), J. Dixon (Melbourne, Australia), M. Gagner (Montreal, QC, Canada), R.V. Cohen (Sao Paulo, Brazil)
4:40 pm - 4:55 pm	Postoperative management of obese and diabetic patients; the role of integrated/multimodality therapies L. Aronne (New York, NY, USA)
4:55 pm - 5:15 pm	A rational and physiologic approach to the management of diabetes after surgery R. DeFronzo (San Antonio, TX, USA)
5:15 pm - 5:45 pm	Panel Discussion Panelists: C. Wysham (Seattle, WA, USA), S.E. Kahn (Seattle, WA, USA), R.N. Bergman (Los Angeles, CA, USA), L. Ji (Beijing, China), S. Del Prato (Pisa, Italy)
5:45 pm - 6:45 pm	POSTER SESSION
8:00 pm	WELCOME RECEPTION

TUESDAY, MARCH 29, 2011

RESEARCH TRACK SESSION I 7:30 am - 9:40 am

Mechanisms of Action of Surgery

Chairs: L.M. Kaplan (Boston, MA, USA) • S.E. Kahn (Seattle, WA, USA)

7:30 am -	- 7:45 am	Mechanisms of Weight Loss: beyond restriction and malabsorption R.J. Seeley (<i>Cincinnati, OH, USA</i>)
7.15 000	0.00 am	Effect of Clauseau, on inculin acception/consistivity

7:45 am - 8:00 am Effect of GI surgery on insulin secretion/sensitivity

S. Klein (St. Louis, MO, USA)

8:00 am - 8:15 am Effects of GI surgery on food choices and energy expenditure

C.W. Le Roux (London, UK)

8:15 am - 8:30 am Effects of GI surgery on glucose homeostasis

J.J. Holst (København, Denmark)

8:30 am - 9:00 am Debate: Diabetes control by GI surgery is explained by weight-independent mechanisms

8:30 am - 8:45 am Yes: D.E. Cummings (Seattle, WA, USA)

8:45 am - 9:00 am No: E. Ferrannini (Pisa, Italy)

9:00 am - 9:40 am Panel Discussion: Weight independent mechanisms of diabetes control: weighing the

evidence

Panelists: J. Korner (New York, NY, USA), G. Mingrone (Rome, Italy), R.N. Bergman (Los Angeles, CA, USA), R. DeFronzo (San Antonio, TX, USA), B.B. Laferrere (New York, NY, USA), G.J. Schwartz (New

York, NY, USA)

RESEARCH TRACK SESSION II 9:40 am - 11:10 am

Novel Experimental Approaches for Diabetes/Obesity

Chairs: H. Buchwald (Minneapolis, MN, USA) • S. Klein (St. Louis, MO, USA)

9:40 am - 9:55 am	Novel GI surgical pro	ocedures (DJB and Ileal Inter	position: alone and with associated

sleeve gastrectomy)

R.V. Cohen (Sao Paulo, Brazil)

9:55 am - 10:10 am **Endoluminal procedures for obesity/diabetes**

S.A. Brethauer (Cleveland, OH, USA)

10:10 am - 10:25am Endoluminal devices for obesity/diabetes

L.M. Kaplan (Boston, MA, USA)

10:25 am - 10:40 am Pacing/GI electric stimulation for diabetes

H.E. Lebovitz (Brooklyn, NY, USA)

10:40 am - 11:10 am Panel Discussion

Panelists: J. Greve, (Heerleen, Netherlands), M. Galvao Neto (Sao Paulo, Brazil), A. De Paula (Goiania, Brazil), W. Poires (Greenville, NC, USA), J. Funder (Clayton, Australia), S.R. Joshi ((Mumbai, India)

11:10 am - 11:30 am COFFEE BREAK

TUESDAY, MARCH 29, 2011 (continued)

RESEARCH TRACK SESSION III 1	11:30 am - 1:00 pm
------------------------------	--------------------

Defining Priorities for Clinical Research in Metabolic/Diabetes Surgery

Chairs: A.B. Goldfine (Boston, MA, USA) • J. Roth (Manhasset, NY, USA)

11:30 am - 11:45 am Clinical trials in diabetes surgery: overview of ongoing trials; challenges for study design,

practical issues in surgical trials A.B. Goldfine (*Boston, MA, USA*)

11:45 am - 12:00 pm Clinical trials in diabetes surgery: ehtical aspects

B.M. Hofmann (Oslo, Norway)

12:00 pm - 12:15 pm Advantages and disadvantages of each design, multisite vs consortium model for large

clinical trials

F. Rubino (New York, NY, USA)

12:15 pm - 1:00 pm Panel Discussion: Priorities for clinical research in diabetes surgery; costs/funding, ethical

aspects

Panelists: P. Schauer (Cleveland, OH, USA), R. DeFronzo (San Antonio, TX, USA), J. Korner (New York, NY, USA), L. Sjöström (Göteborg, Sweden), M. Staten (NIH/NIDDK) (Bethesda, MD, USA), F. Saoud (Qatar

Foundation) (Doha, Qatar), T. Darsaw (ADA) (Alexandria, VA, USA)

1:00 pm - 2:00 pm LUNCH BREAK

POLICY TRACK SESSION II 2:00 pm - 3:00 pm

Global Burden of Diabetes and Resource Availability for Interventional Approaches

Chairs: P. Zimmet (Melbourne, Australia) • P. Chowbey (New Delhi, India)

2:00 pm - 2:15 pm The global epidemiology of diabetes

P. Zimmet (Melbourne, Australia)

2:15 pm - 2:30 pm The global costs of diabetes

R. Li (CDC) (Atlanta, GA, USA)

2:30 pm - 3:00 pm Panel Discussion: Specific regional challenges for diabetes prevention and treatment

Panelists: L. Ji (Beijing, China), J. Funder (Clayton, Australia), T. Van Der Merwe (Pretoria, South Africa),

A. Darzi (London, UK), H. Al Kuwari (Doha, Qatar)

POLICY TRACK SESSION III 3:00 pm - 4:30 pm

Cost Effectiveness of Diabetes Surgery: Implications for Public and Private Health Insurance

Chairs: A. Darzi (London, UK) • D. Flum (Seattle, WA, USA)

3:00 pm - 3:15 pm Review of what we know about cost-effectiveness of bariatric surgery with special regard

to patients with diabetes

C. Keating (Burwood, Australia)

3:15 pm - 3:30 pm How governments consider evidence on cost-effectiveness

S.D. Sullivan (Seattle, WA, USA)

3:30 pm - 3:45 pm How payers consider the evidence of cost and effectiveness

F. Lefevre (Chicago, IL, USA)

3:45 pm - 4:30 pm Panel Discussion: Simply cost-effective? Reconciling cost-evaluations related to diabetes

interventions

Panelists: R. Li (CDC) (Atlanta, GA, USA), C. Keating (Burwood, Australia), S.D. Sullivan (Seattle, WA,

USA), F. Lefevre (Chicago, IL, USA)

TUESDAY, MARCH 29, 2011 (continued)

4:30 pm - 4:50 pm COFFEE BREAK

BREAKOUT SESSIONS AND WORKSHOPS 4:50 pm - 6:50 pm

4:50 pm - 6:50 pm Break-out Sessions for Review of Evidence, Interacting Discussion and Preparation of Executive Summary

Session A: CLINICAL TRACK

Defining appropriate surgical candidates and good clinical practice for perioperative management and post-operative follow-up

Chairs: H.E. Lebovitz (Brooklyn, NY, USA) • P. Schauer (Cleveland, OH, USA)

Program: To be announced

Session B: RESEARCH TRACK **Defining clinical research priorities**

Chairs: D.E. Cummings (Seattle, WA, USA) • L.M. Kaplan (Boston, MA, USA)

Program: To be announced

Session C: POLICY TRACK

Chairs: P. Zimmet (Melbourne, Australia) • D. Flum (Seattle, WA, USA

Workshop A: "Creating a pathway to reconcile professional guidelines"

4:50 pm - 5:00 pm **Summary lecture**

J.B. Dixon (Melbourne, Australia)

5:00 pm - 5:40 pm Panel Discussion/Round Table with official representatives of the following organizations:

NHLBI Obesity Guidelines (X. Pi-Sunyer), ADA (C. Wysham), AACE (J.I. Mechanick), ASMBS (B. Wolfe),

TOS (C.M. Apovian), SBCBM (R.V. Cohen), SICOB (N. Basso)

5:40 pm - 5:50 pm Interactive Polls

Workshop B: "Payer perspectives: creating a pathway for policymakers and payers to reconcile approaches"

5:50 pm - 6:00 pm **Summary lecture:**

D. Flum (Seattle, WA, USA)

6:00 pm - 6:40 pm Panel Discussion/Round Table

F. Lefevre, (Chicago, IL, USA), S.D. Sullivan, (Seattle, WA, USA), A. Darzi, (London, UK), J. Funder, (Clayton, Australia), Y. Hada, (Tokyo, Japan), L. Ji, (Bejing, China), C. Keating, (Buswood, Australia),

T. Van Der Merwe, (Pretoria, South Africa), H. Al Kuwari (Doha, Qatar)

6:40 pm - 6:50 pm Interactive Polls

WEDNESDAY, MARCH 30, 2011

KEYNOTE LECTURE | 8:00 am - 9:00 am

8:00 am - 9:00 am Surviving Starvation: Essential Role of the Ghrelin-Growth Hormone Axis

M.S. Brown (Dallas, TX, USA)
J.L. Goldstein (Dallas, TX, USA)

The Nobel Prize in Physiology or Medicine 1985 was awarded jointly to Michael S. Brown and Joseph L. Goldstein "for their discoveries concerning the regulation of cholesterol metabolism".

RESEARCH TRACK SESSION IV 9:00 am - 10:40 am

The role of the gut in the physiology and pathophysiology of obesity and diabetes

Chairs: T.E. McGraw (New York, NY, USA) • D. Accili (New York, NY, USA)

9:00 am - 9:20 am Conventional paradigm of the pathophysiology of obesity

R.L. Leibel (New York, NY, USA)

9:20 am - 9:40 am Conventional paradigm of the pathophysiology of diabetes

R.N. Bergman (Los Angeles, CA, USA)

9:40 am - 10:00 am The physiologic role of the gut in energy and glucose homeostasis

J.J. Holst (Copenhagen, Denmark)

10:00 am - 10:20 am Impaired GI physiology in individuals with diabetes/obesity

D.E. Cummings (Seattle, WA, USA)

10:20 am - 10:40 am The role of intestinal microbiota in insulin resistance, obesity/diabetes

R.E. Ley (Ithaca, NY, USA)

10:40 am - 11:00 am COFFEE BREAK

PANEL DISCUSSION | 11:00 am - 12:00 pm

The GI tract: could it be the missing link between obesity and diabetes?

11:00 am - 11:05 am **Introduction**

F. Rubino (New York, NY, USA)

11:05 am - 12:00 pm Panel Discussion

M.S. Brown (Dallas, TX, USA), J.L. Goldstein (Dallas, TX, USA), G. Shulman (New Haven, CT, USA), S. Klein (Cincinnati, OH, USA), R. DeFronzo (San Antonio, TX, USA), S.E. Kahn (Seattle, WA, USA),

J. Roth (Manhasset, NY, USA), L.M. Kaplan (Boston, MA, USA)

CLOSING REMARKS

Scientific Program

1:15 pm - 1:20 pm

WEDNESDAY, MARCH 30, 2011 (continued)

EXECUTIVE SUM	MARIES/TAKE HOME MESSAGE 12:00 pm - 1:15 pm			
Presentation of executive summaries and conclusions Chairs: M. Sue Kirkman (Alexandria, VA, USA) • W. Pories (Greenville, NC, USA)				
12:00 pm - 12:12 pm	Clinical Practice H.E. Lebovitz (Brooklyn, NY, USA)			
12:12 pm - 12:24 pm	Priorities for Clinical Research D.E. Cummings (Seattle, WA, USA)			
12:24 pm - 12:36 pm	Reconciling Guidelines P. Zimmet (Melbourne, Australia)			
12:36 pm - 12:48 pm	Public Health Policies D. Flum (Seattle, WA, USA)			
12:48 pm - 1:00 pm	The evolving paradigm of diabetes pathogenesis J. Roth (Manhasset, NY, USA)			
1:00 pm - 1:15 pm	INTERACTIVE OPINION POLLS			

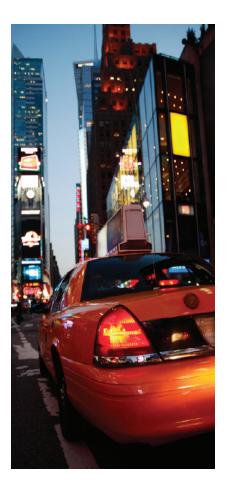
Registration & Accomodations

Congress Registration is now open! Register online at www.wcidt.org

The Congress registration fee includes: abstract book/final program and admission to all scientific sessions, exhibits, poster sessions, breakfasts, and coffee breaks. Registration rates for the 2nd World Congress on Interventional Therapies for Type 2 Diabetes are as follows. All registration fees are in US dollars.

Register by March 4th to save!

Registration fees:	By Mar 4, 2011	After Mar 4, 2011
Physicians and Scientists	\$590	\$680
Members of Endorsing/Sponsoring Societies*	\$490	\$580
Medical Students/Residents*	\$300	\$350
Allied Health Professionals*	\$360	\$420
Welcome Reception	\$85	\$125
* Must provide proof of status to receive reduced rate.		



The 2nd World Congress on Interventional Therapies for Type 2 Diabetes will take place at:

Hilton New York

1335 Avenue of the Americas New York, New York, USA 10019 Tel: 1-212-586-7000

101. 1 212 000 7 000

For additional information about the Hilton New York, visit http://wcidt.org/hotel-travel-information/



Make your hotel reservation for the Congress online at www.wcidt.org

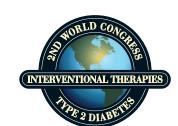
The Congress has negotiated **special reduced rates** for Congress attendees.

Rates: \$219.00 per night Single/Double*

The Congress room rate is valid through **Sunday, February 20, 2011** or until rooms are sold out.

For group reservations of 10 or more room nights, please contact the Congress Office at wcidt@gomeeting.com or by phone at +1.410.571.0590.

* Rate does not include New York city, state and occupancy tax of approximately 19.8% (total cost per night: \$262.47). Please note that the Congress room block is limited and may fill before the deadline. Attendees are encouraged to book their hotel room early to avoid disappointment.





2nd World Congress on Interventional Therapies for Type 2 Diabetes ATTENDEE ADVANCE REGISTRATION FORM (Page 1 of 2)

March 28-30, 2011 - Hilton New York, New York, NY USA

Return this form to address below or fax to +13035302691.

SECTION 1: ATTENDEE INFORMATION

FIRST N	name, Middle Name, Last Name		
Job Ti	tle		
	g Address		
City_		State/Province	Zip/Postal Code
Count	ry	Phone	Fax
Email	Address		
Degree	e: 🗆 MD 🗆 MD/PhD 🗆 MSc 🗆 PhD 🗆 DO	O□ Other, please specify_	
1) Spe	cialty: Please indicate primary and second	ary specialty, using a "1"	and "2" in the fields below.
	Endocrinology		Nutrition
	Diabetology		Pharmacology
	Metabolic/Bariatric Surgery		Basic Science
	Cardiology		Public Health
	Epidemiology		Allied Health
	Gastroenterology		Policy
	Internal Medicine		Pharmaceutical/Medical Device Industry
	Family Medicine		Other, please specify
2) Hov	w did you hear about this event?		
	Email Mail		Word of Mouth
	Mail/Postcard		Conference Website
	Advertisement at another conference		Other
3) If y	ou are a student, Post Doc, Resident or Int	ern, please enter your info	rmation below completely:
Direct	or's Name	Director's F	acility
Progra	ım Director's Email		
4) Spe	cial Needs		
A		nd reception functions, bu	blank). We will make every effort to incorporate a range of t please note that due to the large number of attendees,
B)	I require accommodations for my:		
	☐ Wheelchair or other mobility im	pairment	
	☐ Hearing Impairment		
	☐ Other, please specify:		



2nd World Congress on Interventional Therapies for Type 2 Diabetes ATTENDEE ADVANCE REGISTRATION FORM (Page 2 of 2)

SECTION 2: REGISTRATION FEES

		11-Jan-11 to 4-Mar-11	After 4-Mar-11	Amount
Clinicians and So	cientists	[] \$590	[] \$680	\$
	orsing/Sponsoring Societies*	[] \$490	[] \$580	\$
	s/Residents/Fellows*	[] \$300	[] \$350	\$
Allied Health Pro		[]\$360	[] \$420	\$
Welcome Recept *If you have regis		[_] \$85 ber Societies or Medical Stud	 [_] \$125 ent/Resident, proof of statu	\$
off the regular rat visit http://wcidt.o Please note th \$100 discount 2. Medical Studen 3. Allied Health P MDs/PhDs or DO	entific societies that have endorsed and/ofe. Multiple memberships cannot be comborg/endorsing-societies/. Proof of membershit the Endorsing Society Membership discout is already included in the Endorsing Society hts/Residents: Proof of student status includes are employed in the healthcas). Proof of status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you to the temporal status includes a copy of you the temporal status includes a copy of your temporal statu	bined to increase the discount rship includes a letter from the nt only applies to physicians and Member rate. Tudes a letter from your depart are field, such as nurses, diet	t. To view a list of these org ne society or a membership I scientists, who have a curren etment head or a copy of you icians, nutritionists, etc. (n	ganizations, please ID card It membership. The ur student ID. ot MDs, PhDs,
m		Giovanni Lorenzini Medical rican Express Discove Card ID Code Expiration Dat	r	e address below to
Cara ryamo	•	Cura is cone Empireum Sur	•	
Billing Addr	ess (if different from above)			
Written r considere Refund r receive th	requests for Cancellations must be submitted. There will be a 30% processing fee for equests after 5:00 PM Eastern time (GM) he scientific matter after the meeting. Submitted States of the scientific matter after the	or all refunds. Refunds will n T -4) February 28, 2011 will	ot be processed until after to not be honored; however, t	the meeting. hose registrants will
Question	e information regarding the Congress and s regarding registration, contact Gigi An regarding the WCIDT Congress, contact	drew, gandrew@executiveve	nts.com or call +1 303 530	
Date		Signature		



2ND WORLD CONGRESS ON INTERVENTIONAL THERAPIES FOR TYPE 2 DIABETES

VISIONARY LEVEL SUPPORTER



لإطللق قدرات الإنسان. Unlocking human potential.

CORPORATE SPONSORS

PLATINUM LEVEL



PART OF THE Johnson Johnson Family OF COMPANIES

GOLD LEVEL





SILVER LEVEL



BRONZE LEVEL









WE WOULD ALSO LIKE TO THANK





MetaCure



2nd World Congress on Interventional Therapies for Type 2 Diabetes

www.wcidt.org

Giovanni Lorenzini Medical Foundation 6535 Fannin, MS A-601 Suite A754 Houston, TX 77030 Tel: +1 713 797 0401 • Fax: +1 713 796 8853