

EDM-2026



7th Edition of World Congress on
ENDOCRINOLOGY
DIABETES AND METABOLISM
June 22 - 24, 2026 at Barcelona, Spain



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7th Edition of World Congress on
ENDOCRINOLOGY DIABETES & METABOLISM
June 22 - 24, 2026 at Barcelona, Spain

Scientific Program

Day-1 – June 22, 2026

Meeting Hall - Castelldefels

Registrations Open (07:30 - 08:00)

Welcome Ceremony (08:00 - 08:30)

Moderator:

Julie Sherfan, NSW Health Pathology, Australia

Keynote Talks

<p>Jose J. Monsivais, <i>Burrell College of Osteopathic Medicine, USA</i></p>	<p>08:30 - 09:00</p>	<p>Advancing Health Equity: Removing Barriers to Effective Treatment for Chronic Neuropathic Pain in Diabetes</p>
<p>Teresa Padró Capmany, <i>Research Institute Sant Pau, CIBERCV, Spain</i></p>	<p>09:00 - 09:30</p>	<p>Lipoprotein profile and remnant cholesterol in metabolically healthy men and women with overweight and obesity: a ¹H-NMR study</p>
<p>Sandra Incerpi, <i>Roma Tre University, Italy</i></p>	<p>09:30 - 10:00</p>	<p>Nongenomic Effects of Thyroid Hormones</p>

Group Photo & Refreshment Break (10:00 - 10:20)

Scientific Session I

Session Chairs:

Garovic Vesna, Mayo Clinic, USA & Gianpaolo Rossi, University of Padua, Italy

Natalia Pavon,
*National Institute of
Cardiology "Ignacio
Chavez", Mexico*

10:20- 10:40

Estrogen and its metabolites: the
fellowship of the estrogens

Lelia Ruiz-Hernandez,
*Universidad de Las Palmas
de Gran Canaria, Spain*

10:40- 11:00

Assessment of Ultrasound Diagnosis
Method for Thyroid Cancer and its
Cost

John Mark P. Pabona,
*Embrace Eternal Beauty
Aesthetics and Wellness,
USA*

11:00-11:20

GLP-1–Based Therapies and Beyond:
Integrating Metabolic Modulation,
Hormone Optimization, and Longevity
Medicine in Obesity Management

**Basma Bakhiet & Alamin
Alkundi,**
*St. Peter's hospital, Surrey,
UK*

11:20-11:40

A Case of Pheochromocytoma
Associated with Phenotypic Birt–
Hogg–Dubé Syndrome

**Cecilie Willemoes Bæch-
Laursen,**
*University of Copenhagen ,
Denmark*

11:40-12:00

Glucose Absorption by Isolated
Vascularly Perfused Rat Intestine

Yanhui Lu,
Peking University, China

12:00-12:20

Alterations and Mechanistic Insights
of Gut Microbiota and Its Metabolites
in Type 2 Diabetes Mellitus and
Alzheimer's Disease

Sayaka Akieda-Asai,
*University of Miyazaki,
Japan*

12:20-12:40

Continuous Exposure of Rats to
Soft-Textured Diet Induces Insulin
Resistance

Gemma Arderiu,
*Institut de Recerca Sant
Pau, Spain*

12:40-13:00

Dysfunctional Properties of Adipose-
Derived Stem Cells from Individuals
with Type 2 Diabetes

Lunch Break @ Restaurant 13:00 - 14:00

Scientific Session II

Session Chairs:

Mikhail Kolonin, *University of Texas, Houston, USA* & **Claire Briet**, *CHU Angers, France*

Gaurav Agrawal,

*Kokilaben Dhirubhai
Ambani Hospital and
Medical Research Institute,
Mumbai, India*

14:00-14:20

Osteoporosis and the Ageing Spine:
An Orthopaedic Perspective

Jianyi Jay Zhang,

*University of Alabama at
Birmingham, USA*

14:20-14:40

FoxM1 promotes cardiomyocyte
regeneration in mammalian hearts
with post-infarction LV remodeling

Bhargavi Patham,

*Houston Methodist
Hospital, USA*

14:40-15:00

Medical Management of Obesity:
Current Trends and Future
Perspectives

Hu Huang,

*East Carolina University,
USA*

15:00-15:20

Selective deletion of FGFR1 in
hypothalamic neurons impairs
energy homeostasis and negates the
metabolic effects of -Klotho

Jennifer M. Thornton,

*Imperial College London,
UK*

15:20-15:40

Multigenerational Diabetes –
Implications for Pregnancy

Refreshment Break @ 15:40-15:55

Scientific Session III

Session Chair:

Peter Johannes Holst, *University of Copenhagen, Denmark*

Garovic, Vesna,
Mayo Clinic, USA

15:55- 16:15

Hypertensive Disorders of Pregnancy Increase the Risk for Myocardial Infarction: A Population-Based Study

Claire Briet,
CHU Angers, France

16:15-16:35

Thyrotropin-Secreting Tumor (TSH-PitNET): From Diagnosis to Treatment

Gianpaolo Rossi,
University of Padua, Italy

16:35-16:55

An Update on Clinical Management of Primary Aldosteronism

Joao Paulo Batista De Souza,
Federal University of Latin American Integration, Brazil

16:55-17:15

Physical Activity Improves Vitamin D and Glycemic Control in Gestational Diabetes

Posters Session 17:15- 17:45

Priti Gupta, *Centre for Chronic Disease Control, India*

P-1

Incidence and Determinants of Multiple Long-Term Conditions (MILAN Study)

HATRI-SIHEM, *University of Health Science , Algeria*

P-2

Insulin resistance in young Algerian adults

Amar Hassan Khamis,
Mohammed Bin Rashid University of Medicine and Health sciences, UAE

P-3

Appraisal of Clinical Explanatory Variables in Subtyping of Type 2 Diabetes Using Machine Learning Models

Meifang Chen, *Duke Kunshan University, China*

P-4

Bridging Gaps in Diabetes Care: A Multisectoral and Multidisciplinary Review of Self-Management Apps in China

Day 1 Concludes

Day-2 – June 23, 2026

Meeting Hall - Castelldefels

Moderator:

Blertina Dyrmishi, *Hygeia Hospital Tirana, Western Balkan University Tirana, Albania*

Keynote Talks

Bódis József,

University of Pécs, National Laboratory on Human Reproduction, Hungary

09:00 - 09:30

Role of Platelets in Human Reproduction

Rennian Wang,

The University of Western Ontario, Canada

09:30 - 10:00

Antioxidant Therapy, N-acetyl-L-cysteine, Effects on Pancreatic Beta Cells: Beneficial or Disruptive

Mikhail Kolonin,

University of Texas, Houston, USA

10:00 - 10:30

Anti-diabetic Effects of GLP-1 Analogs Are Mediated by Thermogenic Interleukin-6 Signaling in Adipocytes

Refreshment Break (10:30 - 10:45)

Scientific Session-IV

Session Chairs:

Teresa Padró Capmany, *Research Institute Sant Pau, CIBERCV, Spain & Hu Huang*, *East Carolina University, USA*

Mark James William Pandrich,

Imperial College London, UK

10:45- 11:05

Early versus Late Glucose Monitoring in Pregnant Women with a History of Gestational Diabetes Mellitus

Peter Johannes Holst,
HERVolution Therapeutics and University of Copenhagen, Denmark

11:05-11:25

Metabolic Stress Targeting by B and T Cell Immunity Towards Human Endogenous Retrovirus K

Fergus Collins,
Novonosis, Ireland

11:25-11:45

Understanding the Probiotic Health Benefits of *Bifidobacterium animalis* subsp. *lactis*, BB-12™

Natasha Singh,

*Chelsea and Westminster
NHS Trust and Imperial
College London, UK*

11:45-12:05

Gestational Diabetes: A Window Into
Future Cardiometabolic Health

Serge Ferrari,

*Fresenius Kabi,
Switzerland*

12:05-12:25

LUMIADE 3: Therapeutic
Equivalence of Denosumab
Biosimilar FKS518 to Reference
Product in Postmenopausal
Osteoporosis

**Ana Cristina Basto
Abreu,**

*Instituto Nacional de Salud
Pública, Mexico*

12:25-12:45

AgraVida: Sowing Education,
Harvesting Health—A Participatory,
Community-Based Diabetes Care
Intervention in Rural Puebla, Mexico

Nauriyal Varidhi,

*University of Pittsburgh,
USA*

12:45-13:05

Diabetic Foot Infections: Questions
for an Infectious Disease Consultant

Lunch Break @ Restaurant 13:05-14:00

Scientific Session-V

Session Chair:

Bódis József, *University of Pécs, Hungary*

Amrita Vijay,
*University of Nottingham,
USA*

14:00-14:20

Synbiotics Show Superior Anti-Inflammatory Effects Compared with Inulin and Omega-3 in Pathways Relevant to Metabolic Health

Josep Iglesias-Grau,
*University of Montreal,
Quebec, Canada*

14:20-14:40

Multidisciplinary Lifestyle Intervention Leads to Remission of Type 2 Diabetes, Prediabetes, and Early Insulin Resistance

Jianzhong Shen,
Auburn University, USA

14:40-15:00

P2Y(2) Receptor Mediates Adipocyte Differentiation and Insulin Resistance

Ford Flippin,
*University of Illinois
College of Medicine
Peoria, USA*

15:00-15:20

MELD Predicts Mortality in Bariatric Surgery (And It's Lower Than You Might Think)

Xueqiong Yao,
*University of south china,
China*

15:20-15:40

The Role of Folic Acid and Vitamin B12 in Gestational Diabetes Mellitus and Offspring

Refreshment Break (15:40 - 16:00)

Social Tourism & Networking with Conference Participants

Day 2 Concludes

Day-3 – June 24, 2026

Scientific Session-VI

Meeting Hall - Castelldefels

Session Chairs:

Rennian Wang, *The University of Western Ontario, Canada* &
Mariusz Ratajczak, *University of Louisville, USA*

Igal Plakht,

*Ben-Gurion University of
the Negev, Israel*

09:40 -10:00

Diabetic Foot and long-term
prognosis after Acute Myocardial
Infarction among the patients with
Type 2 Diabetes Mellitus

Leonidas Magarakis,

*University of Gothenburg,
Sweden*

10:00 -10:20

Surgical complications and
menopausal symptoms after
laparoscopic sterilization by
opportunistic salpingectomy versus
tubal occlusion – results from the
SALSTER randomized trial

Mariusz Ratajczak,

*University of Louisville,
USA*

10:20 -10:40

Mitochondria Express Functional
Signaling Ligand-Binding Receptors

Farsad Afshinnia,

*University of Michigan,
USA*

10:40 -11:00

Differential Circulating Lipid
Remodeling in Diabetic Kidney
Disease

AMIN, Zohra,

*St Mary's Hospital,
Manchester, UK*

11:00 -11:20

A feasibility study of MR-pelvimetry
in short statured women to
identify the risk of cephalo-pelvic
disproportion (CPD)

Claudio Blasi,

Pertini Hospital, Italy

11:20 -11:40

A New Therapeutic Approach to
Obesity in Light of the Effectiveness
of Bariatric Surgery

Cynthia Claire Otene,

*AUT University, New
Zealand*

11:40 -12:00

Māori Experiences of Podiatry Foot
Screening Prior to Diabetes-Related
Amputation

Blertina Dyrmishi,
*Hygeia Hospital Tirana,
Western Balkan University
Tirana, Albania*

12:00 -12:20

Pheochromocytoma-Induced
Takotsubo Cardiomyopathy

Chris Hughes,
*East Lancashire Hospitals
NHS Trust, UK*

12:20 -12:40

Reducing Inappropriate Vitamin D
Testing: Diagnostic Stewardship
Interventions and Carbon Footprint
Implications

Julie Sherfan,
*NSW Health Pathology,
Australia*

12:40 -13:00

Clinical utility of Glycated Albumin
for Detection of Prediabetes
and Diabetes in the Emergency
Department Setting

Lunch Break @ Restaurant 13:00-14:00

Day 3 Concludes

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CENTRAL EUROPEAN TIME ZONE (CET)



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Pass code: r3aVLn



Scientific Program - Virtual Session

Day 2 - June 23, 2026

Ying-Ying Yang, <i>Taipei Veteran General Hospitals, Taiwan</i>	10:00 - 10:20	Multiple genetic polymorphisms are associated with the risk of metabolic syndrome, fatty liver, and airflow limitation: A Taiwan Biobank study
Prim Jaruthamsophon, <i>Independent Researcher, Thailand</i>	10:20 - 10:40	CGM-derived glucose phenotyping reveals hidden prediabetes risk and reactive hypoglycemia in Thai adults with central obesity: a machine learning approach
Giuseppe Petito, <i>University of Campania "Luigi Vanvitelli", Italy</i>	10:40 - 11:00	Differential Effects of 3,5-diiodo-L-thyronine (T2) and 3,3',5-triiodo-L-thyronine (T3) on Metabolic Dysfunction and Pancreatic Beta-Cell Function in a Rat Model of Type 2 Diabetes Mellitus
Alessandra Santillo, <i>University of Campania "Luigi Vanvitelli", Italy</i>	11:00 - 11:20	Gadolinium Impairs Male Steroidogenesis by Inducing Mitochondrial-Endoplasmic Reticulum Dysfunction
Angelo Fusco, <i>University of Campania "Luigi Vanvitelli", Italy</i>	11:20 - 11:40	Comparative Effects of 3,5-Diiodo-L-thyronine (T2) and 3,3',5-Triiodo-L-thyronine (T3) on Mitochondrial Dysfunction in Skeletal Muscle of a Rat Model of Type 2 Diabetes Mellitus
Akhila Harinarayan, <i>NelsonHall, Bangalore, India</i>	11:40 - 12:00	Agentic AI in Healthcare: Boon or Bane
Bales Gabriele, <i>University of Vienna, Switzerland</i>	12:00 - 12:20	The Advanced Practice Nurse (APN) in an APN-led Clinic for Complex Chronically Ill Young and Middle-aged Adults: An Evidence-based Role Concept
Maria Ventriglia, <i>University of Campania "Luigi Vanvitelli", Italy</i>	12:20 - 12:40	Effects of Cucumis prophetarum L. Stem and Root Decoction Extracts on Metabolic Dysfunction and Pancreatic Function in a Rat Model of Type 2 Diabetes Mellitus
Nicholaos Mansolas, <i>NHS England, UK</i>	13:00 - 13:20	Recurrent ventricular asystole during octreotide infusion in a patient with pancreatic neuroendocrine tumour: a case report

Paula Sanchis Tortosa, <i>Centre for Physical Activity Research, Denmark</i>	13:20 – 13:40	Metabolic and Molecular Mechanisms Underlying Appetite Control by Exercise
Eve Kerins, <i>University College London, UK</i>	13:40 – 14:00	Tackling Obesity: A Qualitative Exploration of a Whole School Food Policy Guideline
Venkata Madhavi Telagarapu, <i>University of Miami, USA</i>	14:00 – 14:20	Revisiting Metformin in the Management of Polycystic Ovary Syndrome
Seyedehmaryam Pishva, <i>McLaren Health Care Bay Region Hospital, USA</i>	14:20 – 14:40	Rare Cause of Severe Hypokalemia and Metabolic Alkalosis
Richard Pestell, <i>The Baruch S Blumberg Institute, USA</i>	14:40 – 15:00	"The role of cyclin D1/cdk in cellular metabolism: ACRP30, mitochondrial metabolism and insulin sensitivity"
Giancarlo Suffredini, <i>Johns Hopkins University School of Medicine, USA</i>	15:00 – 15:20	The Impact of Silent Liver Disease on Hospital Length of Stay Following
Ayub, Fatima, <i>Central Arkansas Veterans healthcare system, USA</i>	15:20 – 15:40	SGLT2 Inhibitors in Refractory Hypomagnesemia: Beyond Glycemic Control
Ali Vaziri-Gohar, <i>Loyola University Chicago, USA</i>	15:40 – 16:00	Glucose Availability Regulates Chemotherapy Response in Pancreatic Cancer Models
Schurdak, Mark E, <i>University of Pittsburgh Organ Pathobiology and Therapeutics Institute, USA</i>	16:00 – 16:20	Reproducibility Analytics and Metadata are Required to Qualify Microphysiological Systems for Interpreting Biologically/Clinically Relevant Heterogeneity for Precision Medicine
Christina M. Dieli- Conwright, <i>Harvard Medical School, USA</i>	16:20 – 16:40	Enrollment Trends for a Virtually Supervised Resistance Exercise Intervention for Non-metastatic Pancreatic Cancer Patients
Joann M. Lohr, <i>William Jennings Bryan Dorn VA Medical Center, Columbia, SC, USA</i>	16:40 – 17:00	A Synergistic Multimodality Treatment Approach to Address the Key Drivers of Wound Chronicity
Jeffrey Dodd-o, <i>Johns Hopkins Medical Institution, USA</i>	17:00 – 17:20	The transport of let-7c-5p encapsulated in extracellular vesicles from adipocytes to lung drives early graft dysfunction in transplanted lungs from obese donors

Alan Kaye,

*LSUHSC, Department of
Anesthesiology, Shreveport,
Louisiana, USA*

17:20 – 17:40

Anesthesia Liability Related to Pre-existing Conditions

Nicoletta Di Simone,

*Humanitas University, Milan,
USA*

17:40 – 18:00

Evaluation of Fetal Cardiac Function in women affected by Gestational Diabetes Mellitus compared to normal pregnancies

Sadeka Tamanna,

*University of Mississippi
Medical Center, USA*

18:00 – 18:20

Vitamin D deficiency and the risk of preeclampsia and eclampsia in Bangladesh

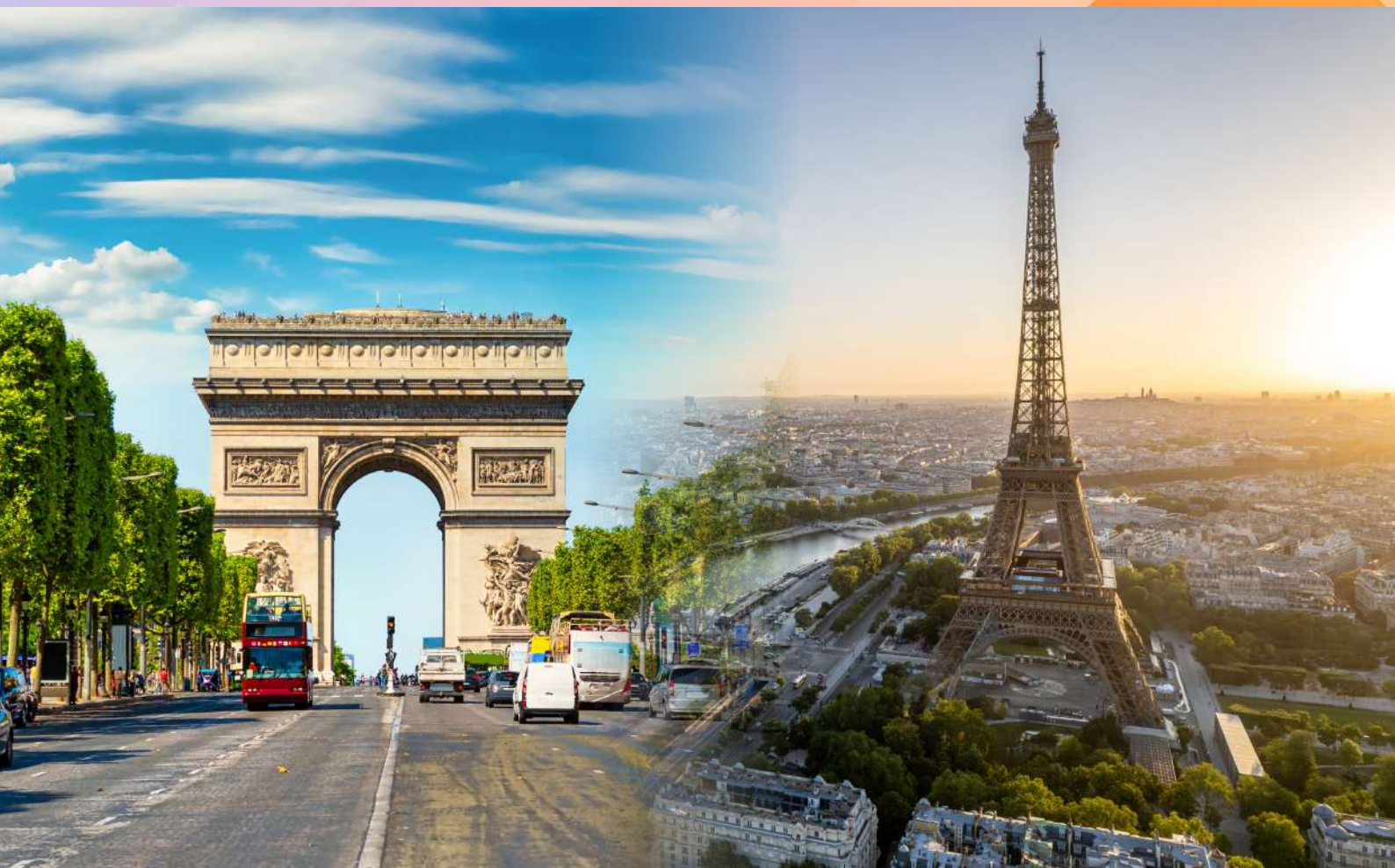
Day Concludes

We wish to see you again at

**8th Edition of World Congress on
ENDOCRINOLOGY DIABETES & METABOLISM
June 21-23, 2027 at Paris, France**

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