

EDM-2023 CONGRESS



**4th Edition of World Congress on
ENDOCRINOLOGY,
DIABETES AND METABOLISM**

SEP 07 - 08, 2023 at ROME, ITALY



Day-1 (September 07, 2023)

Meeting Hall: PARIOLI 2

Registrations Open (8:00-08:45)

Opening Ceremony (8:45-09:00)

Keynote Talks

Shin Takasawa, Nara
Medical University, Japan

09:00-09:30

Gene expression of cardiomyocytes by intermittent hypoxia: the Cd38-cyclic ADP-ribose (cADPR) signaling for functioning and the Reg-Reg receptor system for regeneration

Yu-Jui Yvonne Wan,
University of California Davis, USA

09:30-10:00

A Gut Microbiota and Metabolic Health

Bipin Kumar Sethi, CARE
Hospital, Hyderabad, India

10:00-10:30

Twenty Years of Insulin Gla-100: A Systematic Evaluation of Its Efficacy and Safety in Type 2 Diabetes Mellitus

Group Photo

Refreshment Break (10:30-10:45)

Technical Session-I

THEMES: Diabetes and Glucose Metabolism

Session Chair:

Bipin Kumar Sethi, CARE Hospital, Hyderabad, India

Sandra Incerpi,
University Roma Tre, Italy

10:45-11:05

Nongenomic effects of thyroid hormones and analogs mediated by integrin $\alpha\beta_3$ in health and disease

Mohit Saran, <i>RLKC METRO HEART INSTITUTE, India</i>	11:05-11:25	A retrospective study to find out the correlation between NAFLD, Diabetes, and Obesity in Indian Patients
Evangeline Woodford, <i>Westmead Hospital, Australia</i>	11:25-11:45	Detecting Ischaemia in Adhesional Small Bowel Obstruction: Predictive value of Platelet-Lymphocyte Ratio and Neutrophil-Lymphocyte Ratio
Mingzhi Zhang, <i>Nanjing Medical University, China</i>	11:45-12:05	Pre-pregnancy PM2.5 Exposure and Hypothyroidism in Pregnancy: Evidence from a Prospective Cohort Study
Manash P Baruah, <i>Apollo Excelcare Hospital, Guwahati, India</i>	12:05-12:25	Does the modality of treatment impact the quality of life in persons with diabetes?
Shilpa Chokshi, <i>King's College London, UK</i>	12:25-12:45	Human immunocompetent model of neuroendocrine liver metastases recapitulates patient-specific tumour microenvironment
Alaa Safia, <i>Ziv Medical Center, Israel</i>	12:45-13:05	Kaposi sarcoma at the base of the tongue in a renal transplant patient

Lunch Break @ Restaurant (13:05-14:00)

Technical Session-II

THEMES: Clinical Endocrinology & Endocrine Neoplasia and Cancer

Session Chairs:

Shin Takasawa, *Nara Medical University, Japan*
Yu-Jui Yvonne Wan, *University of California Davis, USA*

Kenichi Iwasaki, <i>Tokyo Medical University, Japan</i>	14:00-14:20	Surgical outcomes of gastric neuroendocrine tumors: A New Look at a Rare Tumor
---	--------------------	--

Zhengtang Qi, <i>East China Normal University, China</i>	14:20-14:40	NLRP3 senses glucose homeostasis and links hepatic immunity to metabolism in response and adaptation to exercise
Ivan Quevedo, <i>University of conception, Chile</i>	14:40-15:00	Altered intracellular signaling of acvr1 in the context of fibrodysplasia ossificans progressive: A molecular explanation
Li Kang, <i>University Of Dundee, United Kingdom</i>	15:00-15:20	A novel role of hyaluronan and its membrane receptors, CD44 and RHAMM in obesity related glomerulopathy
Virpi Tökönen, <i>Karolinska institute, Sweden</i>	15:20-15:40	Efficacy of the ketogenic diet in children with epilepsy in relation to genetic etiology
Refreshment Break (15:40- 15:55)		
Luz-Ma.-Adriana Balderas-Peña, <i>Instituto Mexicano del Seguro Social - Universidad de Guadalajara, Mexico</i>	15:55-16:15	Cervix uteri cancer locally advanced: Nutritional State, Phase Angle and biochemical markers impact on survival and Health related Quality of Life
Erica Becker, <i>University of Connecticut, USA</i>	16:15-16:35	Autoimmune pancreatitis unmasked by COVID-19 vaccine
Maria Garcia Castillo, <i>Astrazeneca, Spain</i>	16:35-16:55	Beyond the glycaemic control of dapagliflozin: Microangiopathy and non-classical complications
Open Discussions/Networking		

Day-1 Concludes

Day-2 (September 08, 2023)

Meeting Hall: PARIOLI 2

Keynote Talks

Gwen V. Childs,
*University of Arkansas for
Medical Sciences, USA*

09:00-09:30

The Importance of Leptin to
Reproduction: Differential Responses
by Gonadotropes to a High Fat Diet
and Loss of Leptin Receptors--a
scRNA-seq study

Nicolaus Dahlmann,
UKSH, Kiel, Germany

09:30-10:00

A new anthropometric model for
body composition estimation in the
assessment of metabolic risk factors
of obese women

Weina Liu,
*East China Normal
University, China*

10:00-10:30

The role of PGC-1 α in the
Antidepressant Effects of Exercise
Preconditioning in SATD Mice

Refreshment Break (10:30-10:45)

Important Note: Two Parallel Sessions are in two meeting halls

Morning sessions:

Neuroendocrinology and Pituitary & Cardiovascular Endocrinology

Session Chairs:

Gwen V. Childs, *University of Arkansas for Medical Sciences, USA &*
Sandra Incerpi, *University Roma Tre, Italy*

Francesco Galanti,
*Ospedale Sandro Pertini
Roma, Italy*

10:45-11:05

Impact of different typologies of
smoking on ovarian reserve and
oocyte quality in women performing
ICSI cycles: an observational
prospective study

Sung Shin, <i>Asan Medical Center, University of Ulsan College of Medicine, South Korea</i>	11:05-11:25	Comparison of long-term outcomes in simultaneous pancreas-kidney transplant versus simultaneous deceased donor pancreas and living donor kidney transplant
Anna Teti, <i>University of L'Aquila, Italy</i>	11:25-11:45	Lipocalin 2, a new regulator of bone and energy metabolism
Alison McNeilly, <i>University of Dundee, UK</i>	11:45-12:05	Chronic hyperglycaemia increases the vulnerability of the hippocampus to oxidative damage induced during post-hypoglycaemic hyperglycaemia in a mouse model of chemically induced type 1 diabetes
Chen Fu, <i>Beijing Jishuitan Hospital, China</i>	12:05-12:25	High prevalence of sarcopenia and myosteatosis in patients undergoing hemodialysis
Lustig, Robert, <i>UCSF, USA</i>	12:25-12:45	The Hateful (or Grateful) Eight – the Subcellular Pathologies that Drive Disease

Xu Wang & Wei Li,
Nanjing Medical University,
China

12:45-13:05

Relapse of Graves' disease in
Chinese children: A retrospective
cohort study

Lunch Break @ Restaurant (13:05-14:00)

Day-2 (September 08, 2023)

Meeting Hall PARIOLI 1

Session: Nutrition and Metabolism & Diabetes and Glucose Metabolism

Session Chairs:

Mimouni Mostafa, *University Mohamed Premier, Morocco*

Weina Liu, *East China Normal University, China*

Mimouni Mostafa,
*University Mohamed
Premier, Morocco*

10:45-11:05

Natural treatment of diabetes (T2DM)
with agro-food waste from extracts
of Citrus aurantium peel and Punica
granatum bark

Juan Moreno,
AstraZeneca, Spain

11:05-11:25

Beyond the glycaemic control of
dapagliflozin: microangiopathy and
non-classical complications

Saraswathi,
*Trichy SRM medical
college hospital and
research centre, India*

11:25-11:45

Can USG be made an essential
basic investigation tool in work up of
Diabetes Mellitus

Xudan, Rujin Hospital,
*Shanghai Jiao Tong
University School of
Medicine, China*

11:45-12:05

mTOR-Myc Axis Drives Acinar-to-
Dendritic Cell Transition and the
CD4⁺ T Cell Immune Response in
Acute Pancreatitis

Zhu Wang, <i>National Institute for Nutrition and Health, China</i>	12:05-12:25	Interventional effects and biological mechanisms of black-grained wheat amino acids and glycolipids metabolism in middle-aged and elderly female with type 2 diabetes mellitus: a randomized controlled trial with non-targeted metabolomics
Epure Alina, <i>Nutribalance, Romania</i>	12:25-12:45	TBA
Megan L. Brophy, <i>Pfizer, USA</i>	12:45-13:05	AAV-mediated gene therapy rescues GALT activity and reduces ER stress in Classic Galactosemia

Lunch Break @ Restaurant (13:05-14:00)

Technical Session- IV

Session: Thyroid Disorders and Cancer & Bone Health and Osteoporosis

Session Chairs:

**Nicolaus Dahlmann, UKSH, Kiel, Germany &
Mimouni Mostafa, University Mohamed Premier, Morocco**

JINJUN LI, <i>Zhejiang Academy of Agricultural Sciences, China</i>	14:00-14:20	Myricetin relieves the symptoms of type 2 diabetes mice and regulates intestinal microflora
--	--------------------	---

DEEPAK AGRAWAL, <i>Indian Railways, India</i>	14:20-14:40	Recurrent Pericardial Effusion Due to Panhypopituitarism
Soheil Khatibi, <i>Babol University of Medical Science, Iran</i>	14:40-15:00	Stem cell therapy for COVID-19 pneumonia
Jecheon Ham, <i>Western Sydney University, Australia</i>	15:00-15:20	Digital pathology and mRNA analysis identifies histologic definition of cancer-associated fibroblasts (CAFs) in thyroid papillary carcinoma
Poster Presentation Timings 15:20-16:20		
Poster Judge: Weina Liu, East China Normal University, China		
Ana Paula Azevêdo Macêdo, <i>University of Campinas, Brazil</i>	P-1	Effects of resistance physical training on hepatic steatosis in obese mice
Agnieszka Sliwinska, <i>Medical University of Lodz, Poland</i>	P-2	Vitamin D supplementation reduces oxidative DNA damage and improves insulin resistance in the elderly with metabolic disorders
Mohammed Aldawish, <i>Prince Sultan Military Medical City, Riyadh, Saudi Arabia</i>	P-3	Assessment of patient-reported satisfaction and metabolic outcomes following initiating the second generation of Flash Glucose Monitoring in patients with type 1 diabetes
Ayed A. Dera, <i>King Khalid University, Saudi Arabia</i>	P-4	Isolated and Combined Effect of Age and Gender on Neutrophil–Lymphocyte Ratio in the Hyperglycemic Saudi Population
Xingwang Ding, <i>Nanjing Medical University, China</i>	P-5	Effects of exposure to urban particulate matter SRM 1648a during pregnancy on the neurobehavioral development of offspring mice

Hongcheng Wei, <i>Nanjing Medical University, China</i>	P-6	Thyroid Toxicity of Anticancer Drugs and Its Non-clinical evaluation
Hang Xie, <i>Children's Hospital of Nanjing Medical University, China</i>	P-7	TBA
Rupinder Deol, <i>University of California, San Francisco, USA</i>	P-8	Managing Type 2 Diabetes: Beliefs and Daily Practices in First Generation Asian Indians in the United States
Min Ding, Ruijin Hospital, <i>Shanghai Jiaotong University School of Medicine, China</i>	P-9	Pathology confirmation of the efficacy and safety of microwave ablation in papillary thyroid carcinoma
Guohui Xiao, <i>Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, China</i>	P-10	Single-cell RNA-sequencing and spatial transcriptomic analysis reveals a distinct population of APOE- cells in lymph node metastasis yielding a poor prognosis in papillary thyroid cancer

Poster Award Ceremony

Day-2 Concludes

VIRTUAL

PROGRAM

(LONDON TIME ZONE GMT+1)



Join Zoom Meeting

Meeting ID: 831 5251 2291

Pass code: 744401

Virtual Program (September 07, 2023)
Time Zone: London Time (GMT)

Duan Yu, <i>Nanjing Medical University, China</i>	09:00-09:20	Aberrant expressed thyroidal hormone receptor α destroyed homoeostasis of mitochondrial status deteriorating skeletal muscle myogenesis in aged mice
PINGPING LI, <i>Chinese Academy of Medical Sciences & Peking Union Medical College, China</i>	09:20-09:40	Studies of Gene and Nutrients Interaction Influencing Metabolic Syndrome using the Korean Genome and Epidemiology Study (KoGES) Cohort
Kyung-Won Hong, <i>Theragen Health Co. Ltd, China</i>	09:40-10:00	Altered intracellular signaling of acvr1 in the context of fibrodysplasia ossificans progressive: a molecular explanation
MANLI ZHU, <i>Xinjiang Medical University, China</i>	10:00-10:20	The differential expression of MiR-130a in obese and non-obese Uygur people in Xinjiang and its effect on 3T3-L1 ad
Ayesha Khan, <i>Combined Military Hospital Nowshera, Nowshera 24110, Pakistan</i>	10:20-10:40	Efficacy of dietary fibers enriched food supplement in subjects with slightly impaired glucose tolerance: A randomized, placebo-controlled clinical trial
Parinee Kemchoknatee, <i>Rangsit University, Rajavithi Hospital, China</i>	10:40-11:00	To study the efficacy of intravenous pulse methylprednisolone (IVMP) in treating dysthyroid optic neuropathy (DON) and to identify factors predicting poor response to the treatment
Masaki Igarashi, <i>The University of Tokyo, Japan</i>	11:00-11:20	Insight into the application of NMN to age-related disorders

Yuji Tanaka, <i>Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan</i>	11:20-11:40	Highly Prevalent Sleep Apnoea Syndrome and Its Associated Factors in Unaware Healthy Japanese Older Adults
Jihane Rammaoui <i>(Morocco)& Hela Zaghden (Tunisia), Pfizer</i>	11:40-12:10	Trends in Adult and Elderly Vaccination: Focus on Vaccination Practices in Tunisia and Morocco
Eglantina Idrizaj, <i>University of Florence, Italy</i>	12:10-12:30	A shared target for adiponectin and resistin effects on gastric motility: what possible correlations with peripheral satiety signals
Marisa Manuela Esteves Monteiro, <i>University of Porto, Portugal</i>	12:30-12:50	Histomorphometric modifications in the ileum and colon of type 1 and type 2 diabetes mellitus rat models
Fabio Azzarello, <i>Scuola Normale Superiore. Italy</i>	12:50-13:10	Single-cell imaging of α and α cell metabolic response to glucose in living human Langerhans islets
Zbigniew Wyzewski, <i>Cardinal Stefan Wyszynski University in Warsaw, Poland</i>	13:10-13:30	The role of HIV, HBV and HCV infections in the development of osteoporosis
Noor Rosemary Anne Bruijn, <i>Erasmus University Medical Centre Rotterdam, Netherlands</i>	13:30-13:50	Bariatric surgery in a patient with cystic fibrosis and diabetes
Maria Ines Silvestre Rego Canha, <i>Hospital Sto Antonio dos Capuchos, Portugal</i>	13:50-14:10	Is metformin associated with a lower prevalence of polyps, adenomas and colorectal carcinoma in patients with Diabetes Mellitus?
Zheng Sun, <i>Baylor College of Medicine, USA</i>	14:10-14:30	Circadian clock, diurnal glucose metabolic rhythm, and dawn phenomenon

Diana E. Roopchand, <i>Rutgers, The State University of New Jersey, USA</i>	14:30-14:50	Therapeutic potential of cannabidiol for attenuating chronic disease symptoms in postmenopause
Robert K. Mikheev, <i>Endocrinology Research Centre, Russia</i>	14:50-15:10	Geroprotective effects of menopausal hormonal therapy among females with non-iatrogenic hypergonadotropic hypogonadism
Kylie O'Brien, <i>Torrens University and Cannim Group Pty Ltd, Australia</i>	15:10-15:30	Medicinal Cannabis and the Treatment of Diabetes
Anna Kyriakidou, <i>University of Cambridge, UK</i>	15:30-15:50	Maternally Inherited Diabetes and Deafness (MIDD) – Atypical clinical diabetes features leading to the diagnosis
Francesco Albano, <i>University "Federico II", Italy</i>	15:50-16:10	ZFP36L2 role in thyroid functionality
Day-1 concludes		

Virtual Program (September 08, 2023)
Time Zone: London Time (GMT)

Hui Li, <i>Xinjiang Medical University, China</i>	09:00-09:20	Protection Effect and Molecular Mechanism of Xinjiang Coreopsis Tinctoria Nutt. on Diabetic Retinopathy
Wangjuan Dai, <i>Nanjing Medical University, China</i>	09:20-09:40	Peroxiredoxin 4 secreted by cumulus cells ameliorates the maturation of oocytes <i>in vitro</i>
Na Wu, <i>China Medical University, Department of Endocrinology at Shengjing Hospital, China</i>	09:40-10:00	Alternative Polyadenylation Results in mRNA Transcript Instability in Gestational Diabetes Mellitus
Yanmei Feng, <i>Chongqing University Central Hospital, China</i>	10:00-10:20	Effects of smoking on the severity and transmission of pulmonary tuberculosis
Haili GUO, <i>Medical Supplies Center of Chinese PLA General Hospital, China</i>	10:20-10:40	Title: Analysis of clinical characteristics and automatic monitoring of drug-induced arrhythmias in 167546 inpatients
Yue Zhang, <i>The First Clinical Medical Center of Chinese People's Liberation Army General Hospital, Rajavithi Hospital, China</i>	10:40-11:00	Comparison of the association between multiple novel adiposity indices and albuminuria in Chinese adults
Wenxing Gao, <i>The First Clinical Medical Center of Chinese People's Liberation Army General Hospital, Rajavithi Hospital, China</i>	11:00-11:20	The association between the body roundness index and the risk of colorectal cancer

Sakhaa Alsaedi, <i>King Abdullah University of Science and Technology (KAUST), Saudi Arabia</i>	11:20-11:40	Multi-omics-based Network Analysis of Genetic Risk Factors of Severe COVID-19 and Metabolic Complications
Min Zeng, <i>Hainan General Hospital, China</i>	11:40-12:00	EAT and INOCA: Friend Or Foe
Xiaohua Li, <i>Xijing Hospital, Fourth Military Medical University, China</i>	12:00-12:20	An innovative application of total hand suture anastomosis with barbed suture after laparoscopic total gastrectomy
Marita Pietrucha- Dutczak, <i>Medical University of Silesia, Poland</i>	12:20-12:40	Rodent models of diabetic retinopathy as a useful research tool to study neurovascular cross-talk
Federica Cioffi, <i>University oggi Sannio, Italy</i>	12:40-13:00	Mitochondrial quality control in metabolic dysfunction-associated fatty liver disease
Georgiana Bernea, <i>Femme Boutique Medical, Romania</i>	13:00-13:20	Proteomic Analyses of Serum Exosomes in Gestational Diabetes Mellitus
Gemma Arderiu Marques , <i>Research Institute of the Hospital de la Santa Creu i Sant Pau IIB-Sant Pau, Spain</i>	13:20-13:40	Preconditioning of ASCs to increase their angiogenic capacity for treating ischemic diseases
Claudia Colmenares, <i>Fundacion Universitaria Sanitas, Colombia</i>	13:40-14:00	A Natural Language Processing Model to identify hypoglycemic events in diabetic patients through unstructured information in Electronic Health Records

Nima Rahimi Kashkooli, <i>Shiraz university of Medical Science, Iran</i>	14:00-14:20	Dietary selenium intake in relation to non-alcoholic fatty liver disease assessed by fatty liver index and hepatic steatosis index; a cross-sectional study on the baseline data of prospective PERSIAN Kavar cohort study
Reza Nejat, <i>Laleh Hospital, Eurasia(Iran) Division, World Powerlifting Ltd, Australia , Iran</i>	14:20-14:40	ADAM17; a sheddase involved at the crossroads of metabolism and immunity
Marwa Humaid Al Nadhiri, <i>Sultan Qaboos University Hospital,Oman</i>	14:40-15:00	Adherence to Gestational Diabetes Mellitus (GDM) Management Plan among Pregnant Omani Women: Predictors, Barriers, and Motivating Factors
Francesco Galanti, <i>Ospedale Sandro Pertini Roma,Italy</i>	15:00-15:20	Impact of different typologies of smoking on ovarian reserve and oocyte quality in women performing ICSI cycles: an observational prospective study
NATALIA PAVON, <i>National Institute of Cardiology, Ignacio Chávez CDMX,Mexico</i>	15:20-15:40	Estrogenic metabolites its possible role in Cardiovascular diseases
Yunxing CAO, <i>The second affiliated hospital of Chongqing Medical University,China</i>	15:40-16:00	Life-Threatening Pheochromocytoma Crisis can Benefit from Emergency Adrenalectomy Assisted by Extracorporeal Membrane Oxygenation
Jacob Marvin, <i>Ohio Northern University,USA</i>	16:00-16:20	Financial, Occupational and Physical Challenges and Blood Glucose Monitoring in Type 2 Diabetes

Day-2 concludes