

European Congress on

# DIABETES AND ENDOCRINOLOGY

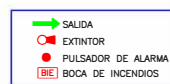
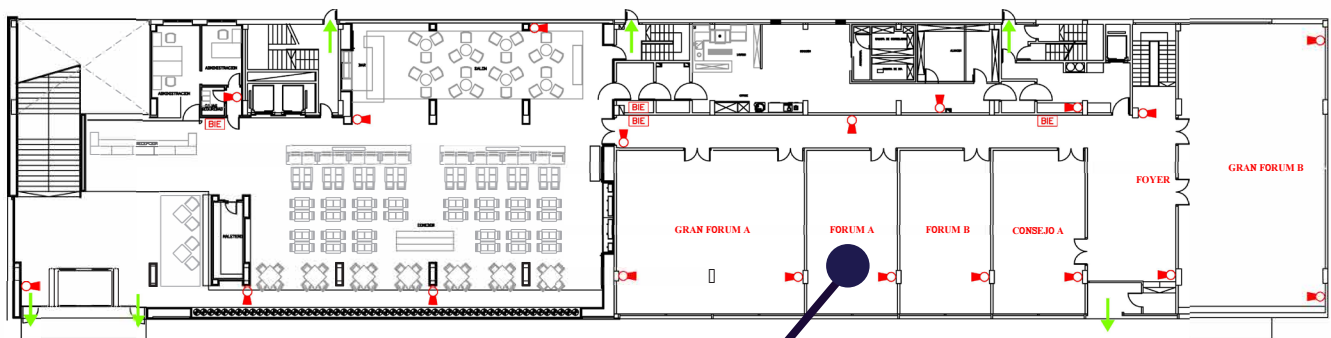
April 10-11, 2025

Barcelona, Spain

**Address:**

355 S. Main St., Falls Tower  
1<sup>st</sup> Floor, Greenville,  
South Carolina, 29601, USA

## Floor Map



PLANTA BAIXA



#ConferenceHall - FORUM A

## Wifi Details:

**Username:** HotelFrontmaritimEvents

**Password:** bestfm2019 events

## SCIENTIFIC PROGRAM

#DAY 1 - April 10, 2025

## Meeting Hall: FORUM A

09.00 - 09.45 Registrations

## Moderator

Sharmin Sultana, University of Pisa, Italy

09.45 - 10.00 Introduction

## Keynote Presentations

10.00 - 10.45 **Title:** The Dietician's 4-Step Approach to Weight Loss - And How to Keep it Off

Stine Junge Albrechtsen, Inspire Institute &amp; Lev I Balance, Denmark

10.45 - 11.30 **Title:** Molecular Mechanisms by which Hyperglycemia Promotes Atherosclerosis (and the Role of Sex Hormones)

Geoff Werstuck, McMaster University, Canada

11.30 - 11.45 Networking and Refreshments @ Foyer

## Oral Presentations

## Session Chair:

Stine Junge Albrechtsen, Inspire Institute &amp; Lev I Balance, Denmark

**Sessions:** Nutritional Approaches | Pharmacotherapy in Obesity Treatment | Innovative Technologies in Weight Management | Advances in Nutritional Science for Obesity Management11.45 - 12.10 **Title:** Preclinical Evaluation of SYNT-101: Effects on Glycemic Control, Weight Loss, and Body Composition in Obese Rodents

Ashley Hudson, Syntis Bio, USA

12.10 - 12.35 **Title:** The Melanocortin 4 Receptor (MC4R) and Kir7.1 Interaction: A Novel Target for Obesity Management

Alys Peisley, University of Michigan, USA

12.35 - 13.00 **Title:** Investigation of the Taste and Sensory Change and Nutritional Status of the Patients after Sleeve Gastrectomy Operation

Sabiha Zeynep Aydenk KOSEOGLU, Bezmialem Vakif University, Turkey

13.00 - 13.10 Group Photo

13.10 - 14.00 Lunch @ Restaurant

### Poster Presentations - 14.00 - 14.45

P01	<b>Title:</b> Investigating the Effects of Testosterone and Dihydrotestosterone on Atherogenesis in Normoglycemic and Hyperglycemic Mouse Models
<b>Geoff Werstuck</b> , McMaster University, Canada	
P02	<b>Title:</b> Serum Osteocalcin has Inverse Relation with Pericardial Adipose Tissues
<b>Hyang-Rae Lee</b> , Ajou University School of Medicine, Republic of Korea	
P03	<b>Title:</b> The Cuf-Off Value of TG/ HDL Ratio of High Pericardial Adipose Tissue
<b>Nam-Seok Joo</b> , Ajou University School of Medicine, Republic of Korea	
P04	<b>Title:</b> Association of Relative Handgrip Strength with Central Obesity and Diabetes in a City of the Western Amazon
<b>João José Albuquerque de Sousa Júnior</b> , Federal University of Acre, Brazil	
P05	<b>Title:</b> Comparison of Handgrip Strength Expressions with Metabolic Syndrome Components in Adults and Elderly from a City in the Western Amazon
<b>João José Albuquerque de Sousa Júnior</b> , Federal University of Acre, Brazil	

### Oral Presentations

#### Session Chair:

**Geoff Werstuck**, McMaster University, Canada

**Sessions:** Nutritional Approaches | Innovative Technologies in Weight Management

14.45 - 15.10	<b>Title:</b> Potential Use of Selected Natural Compounds with Anti-Biofilm Activity
<b>Dagmara Fydrych</b> , Nicolaus Copernicus University, Poland	
15.10 - 15.35	<b>Title:</b> The Possible Application of Terahertz Spectroscopy and Imaging Systems in Biomedical Sample and Agriculture Product Assessment
<b>Sharmin Sultana</b> , University of Pisa, Italy	
15.35 - 16.00	<b>Title:</b> Potential Use of Selected Natural Compounds with Anti-Biofilm Activity
<b>Jagoda Jeziurska</b> , Nicolaus Copernicus University, Poland	

**16.00 - 16.30**

### Networking and Refreshments

16.30 - 16.55	<b>Title:</b> Architecture of Inhibition: Structural Insights into Kir Channel Blockade
<b>Alys Peisley</b> , University of Michigan, USA	
16.55 - 17.20	<b>Title:</b> Antioxidant, Anti-Obesity, Nutritional and other Beneficial Effects of Different Chili Pepper: A Review
<b>Sharmin Sultana</b> , University of Pisa, Italy	

17.20 - 17.45	<b>Title:</b> SYNT-101: First-in-Human Evaluation of a Novel Pharmacologic Therapeutic to Replicate Gastric Bypass for Management of Obesity
<b>Anurag Maheshwari</b> , Mercy Hospital, USA	
<b>Keynote Presentation</b>	
17.45 - 18.30	<b>Title:</b> Diagnose and Management of Prediabetes in Overweight and Obese Youth
<b>Cosimo Giannini</b> , University of Chieti, Italy	
<b>Video Presentation</b>	
18.30 - 18.45	<b>Title:</b> Postoperative Pain is Associated with Disturbances in Fatty Acid Transport and Metabolism in the Peripheral Blood Mononuclear Cells of Patients with End-Stage Knee Osteoarthritis
<b>Elena Tchetina</b> , Nasonova Research Institute of Rheumatology, Russia	
<b>e-Poster Presentation</b>	
EP01	<b>Title:</b> Impact of a 6-Week Ketogenic Diet on Exercise Performance in Recreationally Active Individuals
<b>Richard Phillips</b> , Kingston University London, UK	

**Day 1 Concludes followed by Award Ceremony and Vote of Thanks**

## VIRTUAL PROGRAM

#DAY 1 - April 10, 2025

## 10.45 - 11.00 Introduction

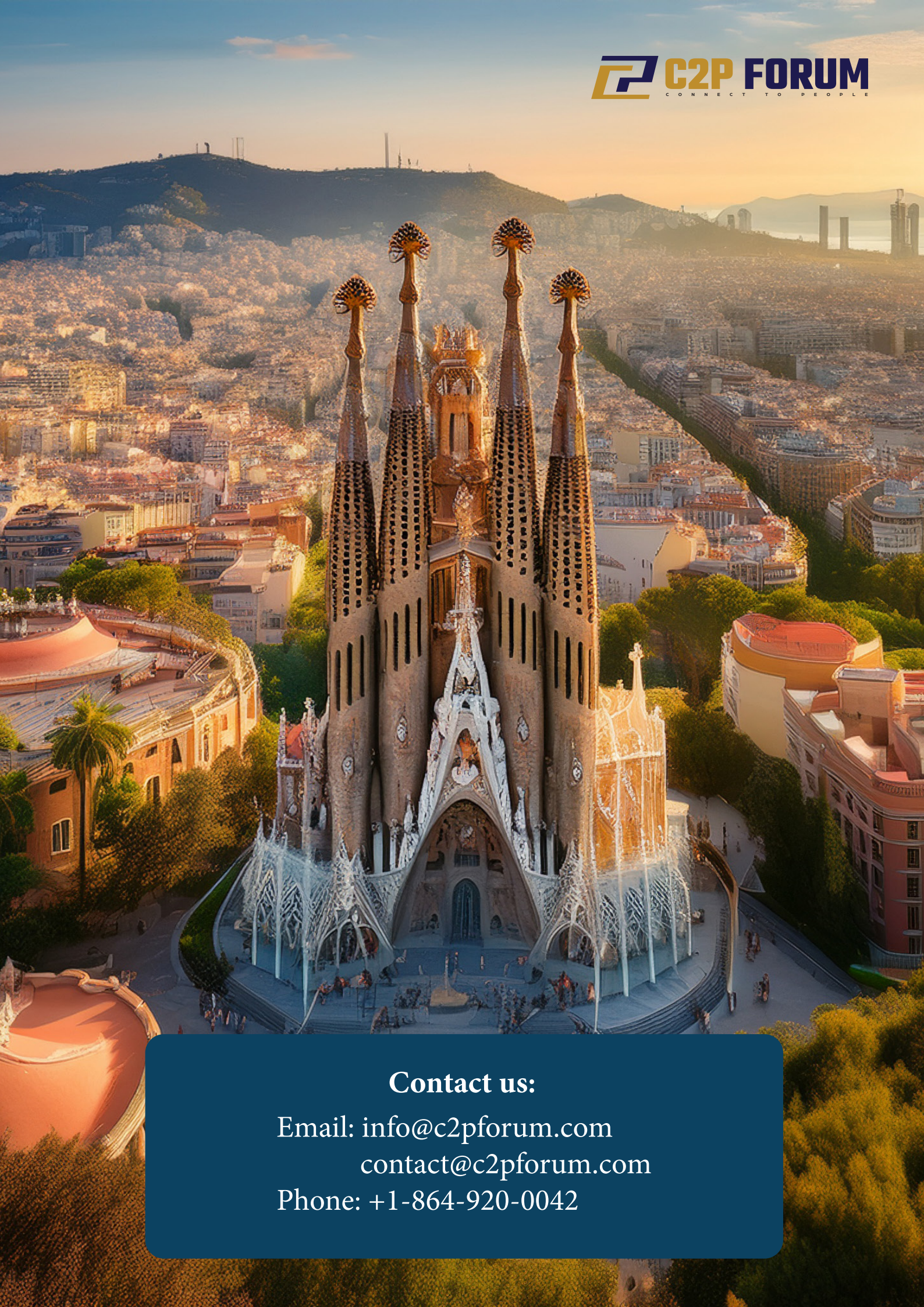
Keynote Presentation	
11.00 - 11.30	<b>Title:</b> Food Intolerances- Better Scientific and Technologic Solutions
<b>Vintila Iuliana</b> , University “Dunarea de Jos” Galati, Romania	
Oral Presentations	
<b>Sessions:</b> Diabetes, Metabolism & Endocrinology   Obesity and Cardiovascular Diseases   Nutritional Approaches   Food Technology and Nutrition   Pediatric Obesity	
11.30 - 11.55	<b>Title:</b> Study on Methionine Score of Maincereals and Pulses in China
<b>Fei Han</b> , Academy of National Food and Strategic Reserves Administration, China	
11.55 - 12.20	<b>Title:</b> Hepatoprotective Effects of SGLT-2 Inhibitors in Patients with Type 2 Diabetes Mellitus
<b>Shakhnoza Ismoilova</b> , Bukhara State Medical Institute, Uzbekistan	
12.20 - 12.45	<b>Title:</b> Role of Medicinal Plants in Diabetic Wound Healing
<b>Krishnendu Adhikary</b> , Paramedical College Durgapur, India	
Eye Relaxation 12.45 - 13.15	
13.15 - 13.40	<b>Title:</b> Associations Between Aalbumin and Prealbumin with Significant BMI Changes after HeartMate 3 Implantation
<b>Adrian daSilva-deAbreu</b> , Mayo Clinic, USA	
13.40 - 14.05	<b>Title:</b> Diabetes: A Nutritional Deficiency Disease - An Integrative Orthomolecular Medicine Perspective
<b>Richard Z. Cheng</b> , Orthomolecular Medicine News Service, USA	
14.05 - 14.30	<b>Title:</b> Community-Based Approaches to Address Pediatric Obesity
<b>Michael R. Capawana</b> , Harvard Medical School, USA	
Eye Relaxation: 14.30 - 15.00	
Keynote Presentation	
15.00 - 15.30	<b>Title:</b> Obesity & Weight Loss in Patients with Advanced Heart Failure
<b>Adrian daSilva-deAbreu</b> , Mayo Clinic, USA	
15.30 - 16:00	<b>Title:</b> Diagnose and Management of Prediabetes in Overweight and Obese Youth
<b>Cosimo Giannini</b> , University of Chieti, Italy	
Day 1 Concludes followed by Award Ceremony	

# Upcoming Conferences @ C2P FORUM

2 <sup>nd</sup> Euro-Global Summit on <b>Biofuels and Bioenergy</b>	Nov 03-04, 2025	Prague, Czech Republic
<b>2<sup>nd</sup> European Cancer and Oncology Congress</b>	Nov 03-04, 2025	Prague, Czech Republic
<b>2<sup>nd</sup> European Hematology and Blood Disorders Congress</b>	Nov 03-04, 2025	Prague, Czech Republic
2 <sup>nd</sup> World Conference on <b>Infectious Diseases</b>	Nov 06-07, 2025	Vienna, Austria
2 <sup>nd</sup> World Conference on <b>Microbiology</b>	Nov 06-07, 2025	Vienna, Austria
European Congress on <b>Climate Change and Environmental Sustainability</b>	Nov 06-07, 2025	Vienna, Austria
2 <sup>nd</sup> European Congress on <b>Recycling and Waste Management</b>	Nov 06-07, 2025	Vienna, Austria
2 <sup>nd</sup> World Congress on <b>Applied Science and Engineering</b>	Nov 06-07, 2025	Vienna, Austria
World Congress on <b>Biomedical Science and Engineering</b>	Nov 06-07, 2025	Vienna, Austria
<b>2<sup>nd</sup> European Public Health and Epidemiology Conference</b>	Nov10-11, 2025	Athens, Greece
<b>European Rare Diseases and Orphan Drugs Conference</b>	Nov 10-11, 2025	Athens, Greece
International Conference on <b>Applied Chemistry</b>	Nov 10-11, 2025	Athens, Greece
International Conference on <b>Mass Spectrometry and Analytical Techniques</b>	Nov 10-11, 2025	Athens, Greece
2 <sup>nd</sup> European Meeting on <b>3D Printing and Additive Manufacturing</b>	Nov 10-11, 2025	Athens, Greece
2 <sup>nd</sup> European Meeting on <b>Renewable Energy and Sustainable Development</b>	Nov 13-14, 2025	Rome, Italy
European Meeting on <b>Biopolymers and Bioplastics</b>	Nov 13-14, 2025	Rome, Italy
2 <sup>nd</sup> European Congress on <b>Materials Science and Engineering</b>	Nov 13-14, 2025	Rome, Italy
2 <sup>nd</sup> European Congress on <b>Advanced Nanomaterials and Nanotechnology</b>	Nov 13-14, 2025	Rome, Italy
2 <sup>nd</sup> Global Summit on <b>Structural Biology and Protein Science</b>	Nov13-14, 2025	Rome, Italy
International Conference on <b>Gynecology, Obstetrics and Women's Health</b>	Nov17-18, 2025	Dubai, UAE
International Conference on <b>Pediatrics &amp; Pediatric Nutrition</b>	Nov 17-18, 2025	Dubai, UAE







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