



INTERNATIONAL CONGRESS CONTROLLING DIABETES AND ITS MOST SEVERE COMPLICATIONS

AUGUST 31ST TO SEPTEMBER 4TH

Plaza America Convention Center,
Varadero, Matanzas, Cuba

To walk through life
safe steps

Organized by
Center for Genetic Engineering
and Biotechnology, Havana, Cuba

We are all aware that in 2020 the planet changed dramatically when the COVID-19 pandemic began. Millions of people have suffered or suffer from this disease or have died. Unfortunately, according to the data, the pandemic is still far from being controlled, and diabetes mellitus is one of the most common and high-risk comorbidities in people with COVID-19. Hopefully, 2022 could start the end of this nightmare, thanks to the sanitary registry, the availability and the massive applications of vaccines against the SARS-CoV-2 virus, which causes this disease.

Cuba foresees that in 2022 its entire population will be immunized with domestically manufactured vaccines.

Therefore, we kindly invite you to travel to our country, to join us in the sixth edition of the International Congress Controlling diabetes and its most serious complications, to discuss and exchange what diabetes mellitus has meant as a comorbidity in patients with COVID-19. We count on your experience in the treatment of this metabolic syndrome to help us improve your care and treatment in this new perspective of COVID-19 as a permanent risk.

Once again, this international congress will take place at the Plaza América Convention Center, in Varadero, Matanzas, Cuba, from August 31st to September 4th, 2022.

In the previous editions, experts and world leaders in diabetes, endocrinology, molecular biology and vascular surgery they have met and exchanged their experiences. They have been the true protagonists in the control and minimization of the negative impact caused by this condition.

In this sixth edition of the congress, about 12 plenary conferences, 50 oral presentations and 150 electronic posters in English and Spanish will be discussed and exhibited, with simultaneous translation facilities.

During the congress, various collateral activities will be organized to further enhance your participation.

SYMPOSIA

SYMPOSIUM 1: Diabetes and COVID-19

Topics:

- Diabetes prevention
- Diabetes as metabolic syndrome
- Association between obesity and diabetes
- Diabetes type 1 and 2, main scientific results in their detection, metabolic control and treatments
- Gestational diabetes
- Management of diabetic complications: retinopathy, nephropathy and neuropathy
- Diabetes control with insulin
- Control and monitoring of atherogenic dyslipidemia: hypertriglyceridemia, low density lipoprotein (HDL) and low density lipoprotein (LDL)
- Arterial hypertension
- Hyperglycemia
- Centripetal obesity
- Alterations in the function of platelets
- Association of oral hygiene and caries in the diabetic patient with the risk of cardiovascular involvement
- Treatments aimed at the prevention and management of cardiovascular complications
- New therapies in clinical trials
- Diabetes and COVID-19

SIMPOSIO 2: Molecular mechanisms of healing

Topics:

- Cellular and molecular factors involved with diabetic foot ulcer chronication
- Cellular and molecular factors associated with healing mechanisms in diabetic foot ulcers
- Failures of healing mechanisms in patients diabetic
- Roles of growth factors during the regulation of wound healing
- Molecular tools for the following up of the efficacy of healing therapies

SIMPOSIO 3: Update of healing therapies in diabetic foot

Topics:

- Diabetic foot ulcers as severe diabetic complication
- Treatment for controlling infection in diabetic foot ulcer
- Perispherical arterial disease
- Revascularization procedures
- Care of neuropathic and ischemic diabetic patients
- Charcot foot
- Experiences in intrating of recombinant human epidermal growth factor to heal complex diabetic foot ulcers

SIMPOSIO 4: Implementing of programs aimed to the care of people with diabetes in a permanent scenario of COVID-19

Topics:

- Health programs for the integral care to diabetic patients

- Active screening in communities for the early detection of diabetic foot ulcers
- Association of primary, secondary and tertiary care in comprehensive care for diabetic patients
- Implementing community programs for the early detection and care of gestational diabetes
- New developments and clinical researches for the control of diabetes mellitus
- Pharmacovigilance and post-marketing studies of new therapies for diabetic foot ulcers
- Biosafety of using human recombinant epidermal growth factor to treat diabetic foot ulcers

SIMPOSIO 5: Orthopedic procedures in people with diabetes

Topics:

- Introduction of high technology in the orthopedic rehabilitation service for people with diabetes mellitus
- Use of *BodyFlow* in peripheral vascular disease and other associated conditions
- Use of shock waves in orthopedic care for people with diabetes mellitus
- Use of the Cobs platform and electrical bioimpedance in orthopedic care for people with diabetes mellitus
- Fixing podal deformities through the use of percutaneous surgery in people with diabetes mellitus
- Strategies to accelerate the healing process in people with diabetes mellitus who receive orthopedic surgical procedures.

REGISTRATION

Registration includes:

- Transportation on August 31st from Havana to Hotel in Varadero, Matanzas.
- Lodging at the hotel from August 31st to September 4th (4 nights).
- Access to all scientific sessions.
- Accreditation materials: credential, scientific program with summaries of the works, certificate of participation, other informative and promotional materials.
- Welcome cocktail
- Coffee breaks between scientific sessions
- Closing ceremony
- Transportation on September 4th from the hotel in Varadero, Matanzas, to Havana.

FOR FURTHER INFORMATION ABOUT THE CONGRESS

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