

Latest Diabetes News and Findings

Researchers from around the globe will travel to Columbus, Ohio Nov. 29 – Dec. 1 to share the latest breakthroughs in the prevention, management and treatment of diabetes at Ohio State University Medical Center's Global Diabetes Summit.

Key findings and discussions will focus on six specialty areas, all with a common denominator of diabetes and its implications on those affected by it.

Stories of note from each specialty area include:

The Global Diabetes Epidemic:

Nearly 250 million people are struggling with diabetes worldwide. Of those cases, more than 90 percent are type 2 diabetes and half of those suffering from type 2 diabetes are undiagnosed.

Not only does diabetes have a devastating effect on world health, but also has major financial implications. Diabetes, heart disease and stroke combined will cost hundreds of billions of dollars worldwide over the next 10 years.

Learn about this global epidemic from Dr. Pierre Lefebvre, Chairman of the Board of Directors of the World Diabetes Foundation as he presents his research at the Global Diabetes Summit. Dr. Lefebvre is available for advance and post interviews about his research.

Global Cardiovascular Pandemic: the role of obesity and modern lifestyle:

According to the American Diabetes Association, cardiovascular disease is the most common complication of diabetes with more than 65 percent of deaths in patients attributed to heart and vascular diseases.

The rise in obesity, affecting more than 40 million people in the United States, has been matched by a rise in diabetes, a deadly combination that increases cardiovascular disease risk by two to five times.

Research shows individuals suffering from type 2 diabetes are two to three times more likely to develop cardiovascular disease and their lifespan shortened by about 10 years.

Learn more about the cardiovascular pandemic from Dr. Sandeep Gupta, a consultant at Whipps Cross and St. Bartholomew's Hospitals in the United Kingdom as he presents his research at the Global Diabetes Summit, sponsored by Ohio State University Medical Center.

Gestational Diabetes: A Solvable Mystery?

According to the American Diabetes Association, gestational diabetes, or a spike in blood sugar levels during pregnancy, affects 4 percent of pregnant women worldwide. This mysterious condition with an unknown cause strikes women who have never had diabetes.

New research suggests that the development of gestational diabetes may be attributed to an increase in special fat proteins that contribute to insulin resistance. Dr. Patrick Catalano will present his groundbreaking research on the significance of these special fat proteins in the development of gestational diabetes at the Global Diabetes Summit. Dr. Catalano is available for advance and post interviews about his research.

The Childhood Diabetes and Youth Obesity Epidemic:

According to the National Center for Chronic Disease Prevention and Health Promotion, about 150,000 U.S. children ages 18 and younger – or about one in every 400 to 500 – have diabetes. In addition to the increasing commonality of type 1 diabetes, the National Diabetes Education Program reports this group is also developing type 2 diabetes at an alarming rate as more members of this group become overweight and inactive. The magnitude of type 2 diabetes in this group may also be underestimated since it often goes undiagnosed for long periods of time.

Learn about the latest research on obesity's connection to youth type 2 diabetes, strategies for early intervention and prevention and the evolving picture of this condition from experts such as Dr. Silva Arslanian of the Children's

Hospital of Pittsburgh at the Global Diabetes Summit. Dr. Arslanian is available for advance and post interviews about her research.

Obesity, Cardiovascular Disease and Type 2 Diabetes:

According to the Centers for Disease Control and Prevention and the International Diabetes Federation, more than 57 million Americans are affected by excess weight and obesity. These individuals are 80 times more likely than individuals who maintain a healthy weight to develop type 2 diabetes. Nearly 19 million Americans suffer from type 2 diabetes, a condition best combated by maintaining a healthy weight.

New research suggests that a new anti-obesity drug (Rimonabanit) may help those struggling with weight loss to finally succeed, avoiding diagnoses of diabetes and other weight-related health problems.

Dr. Xavier Pi-Sunyer, MD, will discuss his groundbreaking research on Rimonabanit's implications on health care professionals at the Global Diabetes Summit. Dr. Pi-Sunyer is available for advance and post interviews about his research.