

**8th WORLD CONGRESS ON PREVENTION  
OF DIABETES AND ITS COMPLICATIONS**

**8° CONGRESO MUNDIAL DE PREVENCIÓN  
DE DIABETES Y SUS COMPLICACIONES**



**Scientific Program**

# Thursday

October 15th, 2015

Room Nueva Granada – Las Americas Convention Center			
9:30-10:00	<b>Welcome Remarks.</b> Dr. Pablo Aschner, Colombia		
10:00-11:00	<b>Plenary Session: Changing the natural history of type 1 diabetes: Is it feasible?</b> Dr. Paolo Pozzilli, Italy. Chairperson: Dr. Pablo Aschner, Colombia		
11:00-12:00	<b>Plenary Session: Prediction of type 2 diabetes using molecular profiling,</b> Dr. Matej Orešic, Denmark. Chairperson: Dr. Ana Maria Gomez, Colombia		
12:00-12:30	Coffee Break		
Time	Room Nueva Granada 1	Room Nueva Granada 2	Room Nueva Granada 3
12:30-14:30	<b>Satellite Lunch Symposium sponsored by MSD</b> Diabetes: A cardiovascular disease- We need long-term safety. Dr. Jorge Castillo, Colombia	<b>Satellite Lunch Symposium sponsored by Medtronic</b> Severe hypoglycemia: A risk we can prevent. Dr. Ana Maria Gómez, Colombia Clinical impact of hypoglycemia. Dr. José Fernando Botero, Colombia	<b>Satellite Lunch Symposium sponsored by Novo Nordisk</b> Insulin Degludec-Clinical experience. Dr. Richard Holt, UK Holistic approach with Liraglutide in type 2 diabetes. Dr. Guillermo Dieuzeide, Argentina
14:30-16:00	<b>Scientific Session 1</b> <b>Lessons from implementation of primary prevention programs in type 2 diabetes: real world experiences around the world</b> Chairperson: Dr. Jose Fernando Botero, Colombia 14:30 The DEXLife program. Dr. Matej Orešic, Denmark 14:55 Diabetes prevention in Catalonia. Dr. Xavier Cos, Spain 15:20 Translational Trial of Diabetes Prevention in a Low- and Middle-income country. Dr. Venkat Narayan, USA 15:45 Q&A		<b>Scientific Session 2</b> <b>Gestational Diabetes</b> Chairperson: Dr. Dilcia Lujan, Colombia 14:30 A systematic approach to prevention of diabetes in women who have had gestational diabetes: results and experience of MAGDA Trial. Dr. James Dunbar, Australia 14:55 Gestational diabetes as a window for diabetes prevention: the LINDA-Brazil Study. Dr. Maria Inés Schmidt, Brazil 15:20 The public health impact of adapting the IADPSG criteria for the diagnosis of gestational diabetes mellitus. Dr. Alberto De Leiva, Spain 15:45 Q&A
16:00-17:30	<b>Scientific Session 3</b> <b>Lessons from implementation of primary prevention programs in type 2 diabetes: real world experiences in Latin-American population</b> Chairperson: Dr. Jaime Bruges, Colombia 16:00 Diabetes among Latinos in the US: Epidemiology and current primary prevention programs. Dr. Felipe Lobelo, USA 16:25 The DEMOJUAN Project in Barranquilla. Colombia. Dr. Tania Acosta, Spain 16:50 Pilot program of T2D primary prevention in the Province of Buenos Aires: Results of its launching. Dr. Juan José Gagliardino, Argentina. 17:15 Q&A		<b>Scientific Session 4</b> <b>New strategies in the prevention of type 2 diabetes</b> Chairperson: Alejandro Diaz Bernier, Colombia 16:00 Changing lifetime diabetes and morbidity risk and its implications for prevention policy. Dr. Edward Gregg, USA 16:25 Strategies for early prevention of diabetic complications. Dr. Jaakko Tuomilehto, Finland 16:50 Novel dietary approaches for prevention of type 2 diabetes. Dr. Paolo Pozzilli, Italy 17:15 Q&A
17:30-18:00	Coffee Break		
Room Nueva Granada - Las Americas Convention Center			
18:00-18:45	<b>Menarini Award Lecture: Follow-up of the clinical diabetes prevention trials.</b> Dr. Jaakko Tuomilehto, Finland Chairperson: Dr. Paolo Pozzilli, Italy		
18:45-20:30	<b>Opening Ceremony</b>		

# Friday

October 16th, 2015

Time	Room Imperial - Hotel Casa de Playa	Room Américo - Hotel Casa de Playa	Room Nueva Granada - Hotel Casa de Playa
6:30 - 7:45	<b>Satellite Breakfast sponsored by Becton Dickinson</b> Impact of insulin application technique in the control of the patient with diabetes. Dr. Jorge Castillo, Colombia	<b>Satellite Breakfast sponsored by Sanofi</b> Introduction and welcome. Dr. Etna Lilibiana Valenzuela Clinical considerations of the use of glargine insulin in the treatment of the patient with diabetes. Dr. Juan Manuel Arteaga, Colombia Immunogeneity, interchangeability and replacement: Basic principles in the light of global regulation. Dr. Andres Zuluaga, Colombia	<b>Promoting Colombian Coffee Consumption : Coffee and Health-emerging findings about type diabetes 2 and cardiovascular effects.</b> Coffee and type 2 diabetes: new evidence about its protective role. Dr. Jaakko Tuomilehto, Finland Coffee, antioxidants and cardiovascular health: a clinical trial in a Colombian population. Dr. Gloria María Agudelo, Colombia Dietary Guidelines Advisory Committee (DGAC) 2015: findings and recommendations about coffee consumption, diabetes and cardiovascular disease. Dr. Jorge Chavarro, Colombia
Time	Room Nueva Granada - Las Americas Convention Center		
8:00-9:00	<b>Plenary Session: Mental health and the risk of diabetes.</b> Dr. Richard Holt, UK Chairperson: Dr. Alvaro Fortich, Colombia		
9:00-10:00	<b>Plenary Session: Current state of diabetes prevention in the USA.</b> Dr. Edward Gregg, USA Chairperson: Dr. Heli Hernandez, Colombia		
10:00-10:30	Coffee Break		
Time	Room Nueva Granada 1	Room Nueva Granada 2	Room Nueva Granada 3
10:30-12:00	<b>Scientific Session 5</b> <b>Personalized diabetes management</b> Chairperson: Dra. Yadira Villalba, Colombia 10:30 Prevention and management of cognitive impairment in patients at high risk of diabetes. Dr. Hermes José Florez, USA 10:55 Gaps in prevention and the need to understand heterogeneity in type 2 diabetes. Dr. Venkat Narayan, USA 11:20 Clinical Inertia in Diabetes Management, Dr. Xavier Cos, Spain 11:45 Q&A	<b>Scientific Session 6</b> <b>Obesity as a risk factor for type 2 diabetes</b> Chairperson: Dr. Jorge Castillo, Colombia 10:30 Lessons from the Look AHEAD Study on the Health Impact of Intentional Weight Loss. Dr. Edward Gregg, USA 10:55 The obesity paradox. Dr. Ibrahim Mahmoud, USA 11:20 Q&A	<b>Scientific Session 7</b> <b>Interventions in the prevention of type 2 diabetes</b> Chairperson: Dr. Juan Manuel Arteaga, Colombia 10:30 Mediterranean diet for the prevention of type 2 diabetes. Dr. Francisco Tinahones, Spain 10:55 Nutritional interventions in the prevention of type 2 diabetes. Dr. Jaana Lindström, Finland 11:20 Early prevention of macro- and microvascular complications in prediabetes. Dr. Rafael Gabriel, Spain 11:45 Q&A
12:00-14:00	<b>Satellite Lunch Symposium sponsored by Sanofi</b> What did we learn from Cardiovascular Outcomes Trials in People with Type 2 Diabetes? Dr. Hertzell Gerstein, Canada	<b>Satellite Lunch Symposium sponsored by Eli Lilly</b> Insulin Glargin as a treatment in diabetes. Dr. Francisco Tinahones, Spain. Barriers beyond insulinisation. Dr. Pedro Nel Rueda, Colombia	<b>Satellite Lunch Symposium sponsored by Patia Biopharma</b> The role of genomics in T2D prevention Dr. Rafael Gabriel, Spain, Dr. Jaakko Tuomilehto, Finland, Dr. Juliana Chan, Hong Kong.

# Friday

October 16th, 2015

Time	Room Nueva Ganada 1	Room Nueva Granada 2	Room Nueva Granada 3
14:00-15:00	<p><b>Oral Presentations 1: Prediabetes</b>            Chairperson: Dr. Edwin Wandurraga, Colombia            14:00 Assessment of the glycemic response of different enteral formulas. LF Casallas, P Savino. Colombia            14:15 Obex supplement for weight loss and improved glucose fasting tolerance in overweight and obese: An alternative for preventing or delaying diabetes. E Cabrera, J Rodríguez, A Álvarez, et al. Cuba            14:30 The role of vaspin in the early stages of glucose intolerance and in metabolic syndrome. R Dimova, T Tankova, G Kirilov et al. Bulgaria            14:45 Detection and intervention in individuals at high risk of T2D in Madrid. M Martinez, CM León, MJ González et al. Spain</p>	<p><b>Oral Presentations 2: Type 1 diabetes and Gestational Diabetes</b>            Chairperson: Dr. Pedro Nel Rueda, Colombia            14:00 Path analysis: Identifying factors associated to present adverse events in newborns from diabetes gestational diagnosed mothers. S Parra, B Trejo, H Moreno, et al. Mexico            14:15 A Novel locus and novel gene variants associated with Type 1 Diabetes in Colombian families. N Pineda, A Rodríguez, A Rodriguez, et al. Colombia            14:30 Vida Nueva: Detection and Management of Gestational Diabetes Mellitus. H Mendoza, J Armenta, A Diaz, et al. Colombia            14:45 Determinants for the diagnosis of type 2 Diabetes Mellitus in women who had Gestational Diabetes Mellitus. V Motta, S Seclen, M Rosas. Peru</p>	<p><b>Oral Presentations 3: Health politics and Treatment</b>            Chairperson: Dr. Ivan Darío Escobar, Colombia            14:00 Know your risk and healthy weight a strategy to promote cardiovascular health, prevention and control of diabetes and overweight/obesity in Colombia. JI Maldonado. Colombia            14:15 Cost effectiveness analysis of liraglutide+metformin versus oral agents+metformin in patients with diabetes in Colombia. M Romero, R Marrugo, JP Alzate. Colombia            14:30 Comparative analysis of direct cost due to T2D in Colombia. EC López, AE Barrera, CS Blanco, et al. Colombia            14:45 Colombian Health Policy to control Diabetes Mellitus: Adoption the 4x4 Strategy, Jancy Andrea Huertas, Fernando Ramirez Campos, Colombia</p>
15:00-15:30		Coffee Break	
15:30-17:00 for Sessions 8 and 9 15:30-16:30 for Session 10 16:30-17:30 for Session 11	<p><b>Scientific Session 8</b>  <b>Simposio de la Asociación Latinoamericana de Diabetes (ALAD)</b>  <b>(In Spanish/En Español)</b>            Chairperson: Dr. Felix Escaño, República Dominicana            15:30 Programa ALAD Prevención Sobrepeso Escolares Latinoamérica. Dr. Felix Escaño, República Dominicana            15:55 Prevención de Diabetes Tipo 2 en México. Dr. Fernando Lavalle, México.            16:20 Alta prevalencia de GAA en el Estudio PERUDIAB. Dr. Segundo Seclen, Peru            16:45 Q&amp;A</p>	<p><b>Scientific Session 9</b>  <b>Physical activity and diabetes</b>            Chairperson: Dr. Alvaro Rico, Colombia            15:30 Effect of Physical Activity and Diet Interventions on Glucose Regulation and CVD risk among Adults without Impaired Glucose Tolerance. Dr. Felipe Lobelo, USA            15:55 Exercise your body, optimize your brain. How exercise prevents diabetes-associated brain complications, Dr. Sandra Rojas, Germany.            16:20 Exercise is Medicine- Experiences in Latin America. Dr. John Duperly, Colombia.            16:45 Q&amp;A</p>	<p><b>Scientific Session 10</b>  <b>Debate: Is it worth screening for pre-diabetes?</b>            Chairperson: Dr. Pablo Aschner, Colombia            No: Dr. Nick Wareham, UK            Yes: Dr. William Herman, USA</p> <hr/> <p><b>Scientific Session 11</b>  <b>Debate: Pharmacologica I therapy in prediabetes?</b>            Chairperson: Dr. Leonardo Rojas, Colombia            Pro: Dr. Rafael Gabriel, Spain.            Con: Dr. Jaana Lindström, Finland.</p>
Time	Room Nueva Ganada 1		
17:00 a 18:30	<p><b>Satellite Symposium sponsored by Janssen Cilag</b>            Canagliflozin: A new option in type 2 diabetes treatment.            Dr. Fernando Lavalle, Mexico and Dr. Gary Trager, USA</p>		

# Saturday

October 17th, 2015

Time	Room Imperial - Hotel Casa de Playa	Room Américo - Hotel Casa de Playa	Room Nuevo Mundo - Hotel Casa de Playa
6:30 a 7:45	<b>Satellite Breakfast sponsored by Novo Nordisk</b> Hypoglycemia: Economic impact and clinical experience. Dr. Richard Holt, UK	<b>Satellite Breakfast sponsored by the beverage institute for health &amp; wellness the Coca-Cola Company</b> Healthy workshop: The method of counting carbohydrates. Dr. Consuelo Pardo, Colombia - Dr. Liliana Garcia, Colombia	<b>Satellite Breakfast sponsored by Roche</b> Hemoglobin A1c: standardization, analytical performance and interpretation, Dr. Pablo Aschner, Colombia
Time	Room Nueva Granada - Las Americas Convention Center		
8:00-9:00	<b>Plenary Session: What is required in order to adopt treatment methods for primary prevention of type 2 diabetes in governmental agencies?</b> Dr. Amanda Adler, UK Chairperson: Dr. Pablo Aschner, Colombia		
9:00-10:00	<b>Plenary Session: The Cost-Effectiveness of Diabetes Prevention,</b> Dr. William Herman, USA Chairperson: Dr. Maritza Perez, Colombia		
10:00-10:30	Coffee Break		
Time	Room Nueva Granada 1	Room Nueva Granada 2	Room Nueva Granada 3
10:30-12:00	<b>Scientific Session 12</b> <b>Strategies to prevent type 2 diabetes and its risk factors</b> Chairperson: Dr. Luz Angela Casas, Colombia 10:30 The Burden of Diabetes in Latin America & the Caribbean. Dr. Alberto Barcelo, PAHO 10:55 The Brazilian Plan to Meet the NCD Challenge – Policies, Goals and Initial Progress with Reference to Diabetes. Dr. Bruce Duncan, Brazil. 11:20 The use of registries to identify CVD risk factors in people with diabetes. Dr. Juliana Chan, Hong Kong 11:45 Q&A	<b>Scientific Session 13</b> <b>Multifactorial early diabetes management</b> Chairperson: Dr. Joaquin Armenta, Colombia 10:30 Why all the big data can never replace large diabetes CV outcomes prevention trials? Dr. Hertzell Gerstein, Canada. 10:55 Adopting or adapting guidelines for diabetes - which to do? Dr. Amanda Adler, UK 11:20 Early management of recently diagnosed diabetes: The Addition trial, Dr. Nick Wareham, UK 11:45 Q&A	<b>Scientific Session 14</b> <b>Validation of diabetes risk scores</b> Chairperson: Dr. Noël C. Barengo, Colombia 10:30 The Mauritius Diabetes Risk Score. Dr. Sudhirsén Kowlessur, Mauritius 10:55 The Colombian Diabetes Risk Score. Dr. Noël Barengo, Colombia. 11:20 Evaluation of the Findrisc as a screening tool for people with impaired glucose regulation in Venezuela using a modified score with validated regional cutoff values for abdominal obesity. Dr. Ramfis Nieto, Venezuela 11:45 Q&A
12:00-14:00	<b>Satellite Lunch Symposium sponsored by Sicmafarma</b> VinoSimilares. Dr. Jorge Castillo, Colombia	<b>Satellite Lunch Symposium sponsored by Bayer</b> Diabetes eye complications The Retina Introduction, Dr Jose Ignacio Valenzuela. Retinopathy and macular edema: Who and when? Dr. Munir Escaf, Colombia Physiopathology and management of macular edema. Dr. Javier Buendía. Colombia AntiVEGF in the management of macular edema Presentation of clinical cases. Dr. Hugo Ocampo, Colombia Results of the BAROMETER survey. Jane Barratt, Executive Director IFA	<b>Satellite Lunch Symposium sponsored by Astra Zeneca</b> New protagonists in the management of type 2 diabetes Dr. Jaime Davidson, USA

# Saturday

October 17th, 2015

Time	Room Nueva Granada - Las Americas Convention Center		
14:00-15:00	<b>Plenary Session: Does Intensive Glucose Control Reduce Cardiovascular Consequences?</b> Dr. Hertzell Gerstein, Canada Chairperson: Luis Carlos Rodriguez		
15:00-15:30	Coffee Break		
Time	Room Nueva Granada 1	Room Nueva Granada 2	Room Nueva Granada 3
15:30-16:30	<b>Oral Presentations 4: Prevention, early detection and treatment of chronic complications of diabetes</b> Chairperson: Dr. Natalia Londoño, Colombia 15:30 Cardiorespiratory fitness and adiposity index in children and adolescents from Bogota, Colombia. The FUPRECOL Study. R Ramirez, JE Correa, J Martinez, et al. Colombia 15:45 Liver steatosis and T2D incidence: The PREDAPS study. X Cos, J Franch, C Giráldez, et al. Spain 16:00 Lower diabetes prevalence above 3,000 m of altitude in Peru can be explained by wealth index, age and sex distribution: Analysis of the Peruvian Demographic and Health Survey. LM Mori, S Seclén, M Rosas, et al. Peru	<b>Oral Presentations 5: Public Health and Epidemiology</b> Chairperson: Dr. Gustavo Parra, Colombia 15:30 Cohesion and family adaptability of patients with T2D controlled and a uncontrolled. JC Tomas, ER Riviera. Mexico 15:45 Assessment of the frequency of postprandial hyperglycemia in T2D patients treated with basal insulin with inadequate control of HbA1c and good control of fasting blood glucose. A Ruiz, MF Puerta, AC Duarte, et al. Colombia 16:00 Interventions in nephron-protection and goal fulfilment in population diagnosed with Diabetes Mellitus and Chronic Kidney Disease Stages 1, 2 and 3 in Colombia. 2014. LA Soler, P Aschner, L Acuña, et al. Colombia	<b>Oral Presentations 6: Early detection and treatment of type 2 diabetes</b> Chairperson: Dr. José Alirio Martinez, Colombia 15:30 Diabetes-related major lower extremity amputations in the two principal Health Institutions in Mexico, 2005-2014. IJA Montiel, J Kumate, H Rodriguez, et al. Mexico 15:45 'PIE RISK': a novel tool for the prevention of diabetes foot. A Orduz. Colombia 16:00 Diabetic Neuropathy in Patients with and without Secondary Hyperparathyroidism. "José Carrasco Arteaga" Hospital, March to December 2014 , Cuenca, Ecuador. JM Alemán. Ecuador
16:15-17:15	<b>Scientific Session 15</b> <b>National prevention programs for type 2 diabetes</b> Chairperson: Dr. Carlos Calderon, Colombia 16:30 Primary Health Care Prevention Program for Diabetes in Mauritius. Dr. Sudhirsan Kowlessur, Mauritius 16:55 Lessons learnt from scaling up to a statewide diabetes prevention program in Victoria, Australia. Dr. James Dunbar, Australia. 17:20 Q&A		<b>Scientific Session 16</b> <b>Debate: How much have we advanced with help of the new anti-diabetic drugs in treatment of type 2 diabetes?</b> Chairperson: Dr. Jose Luis Torres, Colombia Much: Dr. Jaime Davidson, USA Not enough: Dr. Juan José Gagliardino, Argentina.
17:30-18:30	<b>City and Health Environment Award presentation: The "Urban Insulin" Project</b> <b>Closing Remarks and Future Steps</b>		

# Walk

for the prevention of diabetes



8th WORLD CONGRESS ON PREVENTION  
OF DIABETES AND ITS COMPLICATIONS

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## Sunday

18 October 8:00 am  
Cartagena historical center

**Domingo**  
Centro Histórico de Cartagena

The 8th World Congress on Prevention of Diabetes and its Complications invites all the participants to the walk that will take place on Sunday October 18th, 2015, with the following historical and cultural tour.

El 8º Congreso Mundial de Prevención de la Diabetes y sus Complicaciones invita a todos los participantes del Congreso a la caminata que se llevará a cabo el domingo 18 de octubre de 2015, con el siguiente recorrido histórico y cultural.



**Pre-registration in the Congress registration area**

**7:30 a.m.** Meeting Point: Lobby Hotel Las Americas Torre del Mar

**8:00 a.m.** Walk starts at Baluarte de Santa Catalina

**1st Station :** Las Bovedas

**2nd Station :** Plaza San Diego

**3rd Station :** Iglesia Santo Toribio

**4th Station :** Plaza de Santo Domingo

**5th Station:** Catedral

**6th Station :** Plaza de Bolivar

**7th Station :** Plaza de la Aduana

**9:30 a.m.** Close

# Posters Area 1

- 1.** Obex supplement for weight loss and improved glucose fasting tolerance in overweight and obese: An alternative for preventing or delaying diabetes. Eduardo Cabrera-Rode, Janet Rodríguez-Acosta, Aimee Álvarez-Álvarez, Rigmila, Echevarria-Valdés, Antonio Reyes-Rodríguez, Ileana Cubas-Dueñas, Silvia Elena, Turcios-Tristán, Arturo Hernández-Yero, Oscar Díaz Díaz, Cuba
- 2.** The role of vaspin in the early stages of glucose intolerance and in metabolic syndrome. Romyana Dimova, Tsvetalina Tankova, Georgi Kirilov, Nevena Chakarova, Lilia Dakovska, Greta Grozeva, Bulgaria
- 3.** Education in Health and Nutrition Program for primary schools in Spanish-speaking Latin American countries. Martínez Sanchez Mario Eduardo, Escaño Polanco Felix, Sanchez Lilia Victoria, Mesa Perez Jose, Rosas Guzman Juan, Cagide Ana Lia, Alpizar Salazar Melchor, Mexico
- 4.** Prevention of diabetes type 2 and the metabolic syndrome by developing a nutritional culture in teenagers and young adults at the University of la Sabana (Colombia). Sandra Rodríguez, Franco Segnini, Mariagracia Martínez, Jaime Ayala, Catalina Rozo, Amparo Russi, Vilma Giratá, Carmen Cecilia Almonacid, Luis Gustavo Celis
- 5.** Detection and intervention in individuals at high risk of type 2 diabetes mellitus (DM2) in Madrid. Mercedes Martinez, Cortes, León CM, González MJ, Barengo NC, Benedicto M, Ochoa D, Rivas MD, Ruiz MD, García P, Segura FJ, Spain
- 6.** Wap (walking people-gente que camina), preventing diabetes by walking routes implementation. Mercedes Martinez Cortes, Sanz JL, Segura FJ, Morales C, de Paz P, Gavira R, Picazo, Sánchez C, Barengo NC, García P
- 7.** Determination of the glycemic index of some foods and preparations Native Colombian Caribbean. Gustavo Andres, Tilson Fernández Navarro, Andrés Solar García, Colombia
- 8.** Assessment of the glycemic response of different enteral formulas. Luisa Fernanda Casallas Malaver, Patricia Savino Lloreda, Colombia
- 9.** Nrf2 transcriptional activity according anti-diabetic treatment is associated with increasing oxidative stress in subjects with type 2 diabetes. Angélica Saraí Jiménez-Osorio, Alejandra Picazo, Susana González-Reyes, Martha Eunice Rodríguez-Arellano, José Pedraza-Chaverri, Mexico
- 10.** A Novel locus and novel gene variants associated with Type 1 Diabetes in Colombian families. Nicolas Pineda-Trujillo, Alejandra Rodríguez-Rodríguez, Astrid Rodriguez, Antonio Rivera, Martín Toro, María-Victoria Lopera, Alejandra Velez, Jorge García-Ramírez, Diana Sarrazola, Juan-Manuel Alfaro, Colombia
- 11.** Artificial pancreas: towards the development of a new automatic device to prevent type 1 diabetes complications. Fabian León-Vargas, Colombia
- 13.** Path analysis: Identifying factors associated to present adverse events in newborns from diabetes gestational diagnosed mothers. Socorro Parra, Belem Trejo-Valdivia, Hortensia Moreno-Macías, Ignacio Méndez-Ramírez, Eliana Cejudo-Carranza, Bejamín Oliva, Mexico
- 14.** New Life: Detection and management of gestational diabetes mellitus. Humberto Mendoza Charris, Joaquin Armenta Ferreira, Alejandro Diaz Bernier, Carlos Ricaurte Rojas, Rodrigo Restrepo, Edgar Navarro Lechug, Yisel Pinillos, Tania Varela, Jesus Iglesias, Luis Eivar Lopez, Colombia
- 15.** Determinants for the diagnosis of type 2 Diabetes Mellitus in women who had Gestational Diabetes Mellitus. Vicky Motta, Segundo Seclen, Moises Rosas, Peru
- 16.** Colombian Health Policy to control Diabetes Mellitus: Adoption the 4x4 Strategy. Jancy Andrea Huertas, Fernando Ramirez Campos, Colombia
- 17.** Primary Health Care Prevention Program for Diabetes in Mauritius. Sudhir Kowlessur, Mauritius
- 18.** Know your risk and healthy weight: A strategy to promote cardiovascular health. Prevention and control of diabetes and excess weight/obesity in Colombia.

# Posters Area 1

**19.** Cost effectiveness analysis of liraglutide+metformin versus oral agents+metformin in patients with diabetes in Colombia. Martín Romero, Ruben Marrugo, Juan Pablo Alzate, Colombia

**20.** Comparative analysis of direct costs due to diabetes mellitus type 2 (dm2) in Colombia. Erika Carolina López Llano, Ana Elizabeth Barrera Carvajal, Clara Sofia Blanco, Alvaro Fernando Rico López, Colombia

**21.** Influence of a physical activity program on health quality of life in type 2 diabetes. Is there a difference between practising it in a group or individually? Ana Elizabeth Barrera Carvajal, Alvaro Fernando Rico López, Nizme Beatriz Pérez Mendoza, Erika Carolina López Llano, Colombia

**22.** Prevalence of the metabolic syndrome in subjects with prediabetes. Nevena Chakarova, Roumyana Dimova, Tsvetalina Tankova, Greta Grozeva, Lilia Dakovska

**23.** The Metabolic Syndrome in apparently healthy adolescents from an urban population in Guayaquil, Ecuador. Fernando Aguirre Palacios, Antonio Coca Md., Mario A Paredes Md, Maria Fernanda Aguirre C, Ecuador

**24.** Glycemia and cardiovascular variables in construction workers in Santander, Colombia. Reynaldo Mauricio Rodríguez Amaya, Colombia

**25.** Lower Diabetes Prevalence above 3,000 m of Altitude in Peru Can Be Explained By Wealth Index, Age and Sex Distribution: Analysis of the Peruvian Demographic and Health Survey. Laura Melissa Mori Llontop, Segundo Seclén, Moisés Rosas, Arturo Arias, Peru

**26.** Comparison of incidence and risk of type 2 diabetes (t2d) between Spain and México. Rafael Gabriel, M E González-Villalpando, M Alonso, M Zamora, S Vega, C Dávila, C Brotons, B Tejo, J Muñoz, C González-Villalpando, Spain

**27.** Type 2 Diabetes incidence in prediabetic population. The PREDAPS study. Xavier Cos, Josep Franch, Carolina Giráldez-García, Sara Artola, Javier Díez, Javier García-Soidán, Enrique Regidor, Spain

**28.** Liver steatosis and type 2 Diabetes incidence. The PREDAPS study. Xavier Cos, Josep Franch, Carolina Giráldez-García, Manel Mata, Didac Mauricio, Xavier Mundet, Enrique Regidor, Spain

**29.** Incidence of type 2 diabetes and associated factors in the adult population of Madrid. Predimerc cohort. Honorato Ortiz Marron, Elisa Gil Montalbán, Belen Zorrilla Torras, Mercedes Martínez Cortés, María D. Esteban-Vasallo, M<sup>a</sup> Dolores Martín-Ríos, Spain

**30.** Trends in smoking and smoking cessation activity in Finnish people by diabetes status. Mervi Hara, Vladislav Moltchanov, Noël C Barengo, Jaakko Tuomilehto, Finland

**31.** Prevalence of excess weight and obesity as risk factors for cardiovascular and metabolic risk in adolescents 13 to 17 years. Jaime Antonio Grisales Rangel, Edwin Jose Cañate Rueda, Claudia Patricia Manrique Valdelamar, Adrian Jose Amell Diaz, Colombia

**32.** Polymorphism in PPGARG gene can be a risk factor for obesity in Mexican children. Jose de Jesus Peralta Romero, Aldo Ulloa Valdez, Ramón Gómez Salas, Veronica Leonor Bracamonte Curiel, Ana Isabel Burguete García, Fernando Suarez Sanchez, Jaime Gómez Zamudio, Roberto Karam Araujo, Adán Valladares Salgado, Miguel Cruz López, Mexico

**33.** Metabolic syndrome and healthy lifestyles in patients with type 2 diabetes mellitus in three public hospitals from Colombia. Sandra Rodríguez, Franco Segnini, Mariagracia Martínez, Jaime Ayala, Catalina Roza, Amparo Russi, Vilma Giratá, Carmen Cecilia Almonacid, Luís Gustavo Celis, Colombia

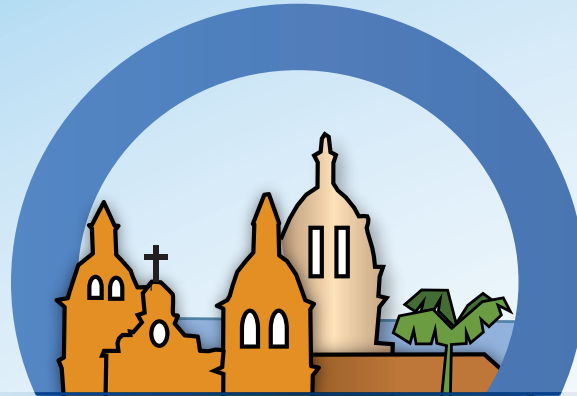
**34.** Cardiorespiratory fitness and adiposity index in children and adolescents from Bogota, Colombia. The FUPRECOL Study. Robinson Ramírez-Vélez, Jorge Enrique Correa-Bautista, Javier Martinez-Torres, Felipe Lobelo, Colombia

# Posters Area 2

- 35.** Caloric restriction increase tight junctions and HSF-1 cytoprotective pathway in aging rats. Kelly Lima Calisto, Angelica Camacho Pereira, Francine Cappa Mittestainer, Mário José Abdalla Saad, Brazil
- 36.** Impaired Systolic Function by Strain Imaging in Metabolic Syndrome: The ELSA-Brasil Study. Wilson Cañon Montañez, Maria Inês Schmidt, Bruce Duncan, Murilo Foppa, Angela Barreto Santiago Santos, Marina Bessel, Julio Cesar Gall Pires, Julio Cesar Gall Pires, Brazil
- 37.** Prevalence and type of neonatal complications in hospitalized children of diabetic mothers during childbirth in the Clínica Universitaria Bolivariana in 2013-2014. María Camila Peláez Domínguez, Lina Marcela Laverde Preciado., Simón Restrepo Arismendy, María Nazareth Campo, Diana Paola Cuesta Castro, Colombia
- 38.** Insulin and glucose pre- and post-glucose load in women with and without dysmenorrhea in Barranquilla, Colombia. Fernando Vásquez Rengifo, Colombia
- 39.** Adherence of patients with type 2 diabetes mellitus to antihypertensive and its relationship with the quality of life. Gloria Mercedes Guarín Loaiza, Análida Elizabeth Pinilla Roa, Colombia
- 40.** Glycemic control and cardio-metabolic risk factors in patients with diabetes mellitus seen by residents of the family medicine program in Bogotá, Colombia. Diana Carolina Tamayo, Sandra Marcela Camacho, Noël Christopher Barengo, Pilar Andrea López, Teresa Tono, Colombia
- 41.** Cohesion and family adaptability of patients with diabetes mellitus type 2 controlled and a uncontrolled. Juan Carlos Tomas Lopez, Eugenia Del Rocio Riviera Tello, Mexico
- 42.** Assessment of the frequency of postprandial hyperglycemia in T2DM patients treated with basal insulin with inadequate control of HbA1c and good control of fasting blood glucose. Alvaro Ruiz Morales, María Fernanda Puerta, Ana Catalina Duarte on behalf of the investigators for Glucopra, Colombia
- 43.** Clinical and metabolic characterization of pediatric patients with type 2 diabetes newly diagnosed. Morales Camacho Williams, Molina- Díaz, Mario, Klünder- Klünder Miguel, Miranda-Lora, America , Medina-Bravo, Patricia, Flores\_Huerta, Samuel, Santaana, Zenia, Mexico
- 44.** Association between sources of information and the level of knowledge about diabetes in patients with type 2 diabetes. Katherine Cantaro, Jimena Jara , Percy Mayta-Tristán, Peru
- 45.** Antipsychotic Olanzapine treatment causes insulin resistance and alteration in gut microbiota of male mice. Francine Cappa Mittestainer, Angelica Camacho Pereira, Kelly Lima Calisto , Andrey Santos, Mario Jose Abdalla Saad, Brazil
- 46.** Antidiabetic Dapagliflozin treatment ameliorates metabolic parameters and insulin resistance of high fat-fed mice. Angelica Camacho Pereira, Francine Cappa Mittestainer, Kelly Lima Calisto, Mario Jose Abdalla Saad, Brazil
- 47.** Type 2 diabetes confirmed diagnosis patients characterization of a Colombian health care insurance. Romero Martin, Lina Maria Huerfano, Juan Pablo Alzate, Colombia
- 48.** Association of metabolic syndrome and its components with the activity of cetylcholinesterase (AChE) and Butyrylcholinesterase (BChE) in mexican children. Jose de Jesus Peralta Romero, Mexico
- 49.** A strategy for screening for type 2 diabetes among high-risk subjects. Tsvetalina Tankova, Nevena Chakarova, Roumyana Dimova, Lilia Dakovska, Iliana Atanassova, Bulgaria
- 50.** Mauritius Diabetes Risk Score. Sudhir Kowlessur, Mauritius
- 51.** Evaluation of the Findrisc as a screening tool for people with impaired glucose regulation in Venezuela using a modified score with validated regional cutoff values for abdominal obesity. Ramfis Nieto, Juan Pablo González , María Inés Marulanda, Eunice Ugel, Pablo Aschner, Venezuela
- 52.** The Colombian diabetes risk score. Noël C. Barengo, Diana Carolina Tamayo, Justo Paz, Teresa Tono, Jaakko O. Tuomilehto, Colombia
- 53.** Evaluation of the Findrisc as a screening tool for people with impaired glucose regulation in Uruguay using a modified score with validated regional cutoff values for abdominal obesity. Doris Anabel Vignoli, Elaine Connio, Pablo Aschner, Uruguay

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- 54.** A simple tool for the screening of diabetes. PS Sohal, TK Sohal, Canada
- 55.** Effect of the aqueous extract and the liquefied pulp of pouteria lucuma on the glycaemia of sprague dawley rats. Nakamatsu Yonagusuku, Jully Yzumi, Colarossi, Ana, Rosas, Moisés, Chavez, Omhar, Peru
- 56.** Barriers in the prevention and management of diabetes in South Asians. Parmjit Sohal, TK Sohal, NA Khan, Canada
- 57.** 'Pie risk': a novel tool for the prevention of diabetic foot. Arturo Orduz Lopez, Colombia
- 58.** Diabetes-related major lower extremity amputations in the two principal Health Institutions in Mexico, 2005-2014. Iván de Jesús Ascencio Montiel, Jesús Kumate Rodríguez, Héctor Rodríguez Vázquez, Nelly Cisneros González, Mexico
- 59.** Prevalence of Silent Ischemic Cardiopathy in Type 2 Diabetes Mellitus patients. Dulman Omar Pineda De Paz, Mario René Pineda De Paz, Yu Ling Lee, Luis Carlos Barrios, Mayra Elizabeth Cifuentes, Guatemala
- 60.** Diabetic foot in a population undergoing dialysis in Colombia: What can we do? Hernando Franco Torres, Victor A. Delgado, Colombia
- 61.** Frequency and factors associated with masked hypertension in type 2 diabetic patients treated at a tertiary referral hospital. Lima- Perú. Jordan Cabrera Erika Del Rocio, Rojas de la Cuba Paol Jhullian, Peru
- 62.** Diabetic Neuropathy in Patients with and without Secondary Hyperparathyroidism. "José Carrasco Arteaga" Hospital, March to December 2014 , Cuenca, Ecuador. Juan Miguel Aleman Iñiguez, Ecuador
- 63.** LDL cholesterol levels in adult population with diabetes mellitus Colombia. 2014. Pablo Aschner Montoya, Lizbeth Acuña Merchan, Luisa Alvis, Patricia Sánchez, Alejandro Bryón, Luis Alberto Soler, Colombia
- 64.** Technological approach for prevention of type 2 diabetes complications: a mobile app prototype to induce lifestyle modifications. Maira García-Jaramillo, Colombia
- 65.** Interventions in nephroprotection and goal fulfilment in population diagnosed with Diabetes Mellitus and Chronic Kidney Disease Stages 1, 2 and 3 in Colombia. 2014. Luis Alberto Soler, Pablo Aschner Montoya, Lizbeth Acuña Merchan, Luisa Alvis, Patricia Sánchez, Alejandro Bryón, Colombia
- 66.** Analysis of diabetic nephropathy in 2594 patients with T2D from Mexico City. Goals and perspectives. Veronica Leonor Bracamonte Curiel, Jose de Jesus Peralta Romero, Mexico
- 67.** Information Technologies in Diabetes: prevention of complications and patient follow-up DIAPETICS PLATFORM. Martha Zequera, Ricardo Borda, Colombia
- 68.** Rationale and design of the DP-TRANSFERS project: Diabetes prevention-Transferring findings from European research to society in Catalonia. Bernardo Costa, Xavier Cos, Conxa Castell, Claustre Solé, Marta Canela, Antoni Boquet, Cristina Jardí, Sònia Sarret, Joan-Josep Cabré, Francisco Barrio, Daniel Ferrer-Vidal, Jaana Lindström and The Catalan Diabetes Prevention Research Group, Spain
- 69.** Relationship between anthropometric obesity indicators and cardiometabolic risk factor in children from Cartagena. María Camila Borja Morales, Marly Patricia Villarreal Mendoza, Yameleidy del Carmen Zambrano Torres. Milton Fabián Suarez Ortegón. Ricardo Antonio Agredo Zuñiga
- 70.** Relationship between waist to height ratio, waist circumference, insulin and ultrasensitive c-reactive protein levels in children from Cartagena. Carolina Castaño Garcia, Mileidys del Carmen Guerra Herrera, Dalenys Janeth Palacios Rodríguez, Ricardo Antonio Agredo Zuñiga, Colombia
- 71.** Effectiveness of an interdisciplinary intervention in adult patients with type 2 diabetes Mellitus from Manizales, Colombia. Molina-de Salazar, Dora, Forero-Gómez, Julián E, Giraldo, German C, Melo, Melissa A, Sanchez-Moscoso, Paula A, Esparza; Angela S, Chacon, Yitzhak Z, Jaramillo-Rojas, Marisol, Guapacha, Juliana A, Ortiz, Ana M., Cajas, Victoria, Jurado, Maribel, Colombia



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