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<td>9.10-09.15 CET</td>
<td>Welcome by Michael Maresh</td>
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<td>9.15-10.45</td>
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<td>Pre-existing diabetes and GDM</td>
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<td>10.45-11.15</td>
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<td>Offspring outcome at birth and follow up</td>
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<td>15.30-16.00</td>
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<td>16.00-17.30</td>
<td>Oral presentations session 3 Chair: Fidelma Dunne</td>
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<td>Mental health and interventions strategies</td>
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<td>17.30 -17.45</td>
<td>Farewell and plans for 2021 by Michael Maresh, Harold de Valk and Fidelma Dunne</td>
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9.15 - 10.45  Oral presentations session 1  Chair: Michael Maresh

Pre-existing diabetes and GDM

09.15 - 09.30  OP1
C Newman, AM Egan, L Carmody, B Kirwan, F Dunne on behalf of the National Diabetes in Pregnancy Audit working group

09.30 - 09.45  OP2
Fetal hypoxia is associated with glucose intolerance at young adult age in offspring of type 1 diabetic mothers.
Teramo K, Klemetti MM, Kautiainen H, Eriksson J, Laine M

09.45 -10.00  OP3
Gestational diabetes in obese women does not modify vascularization, inflammatory and oxidative stress markers in term placenta: Findings of the DALI study.
Saghi Zafaranieh, Mireille N.M. van Poppel, Gernot Desoye, on behalf of the DALI Core Investigator Group

10.00 -10.15  OP4
Epiallopregnanolone sulphate is reduced in gestational diabetes mellitus and induces glucose-stimulated insulin secretion.
Hei Man Fan, Elena Bellafante, Alice Mitchell, Caroline Ovadia, Peter Jones, David McCance, Argyro Syngelaki, Kypros Nicolaides, Anita Lövgren Sanblom, Hanns-Ulrich Marschall, Katharine Hunt, Gavin Bewick, James Bowe, Helen Murphy, Catherine Williamson

10.15 - 10.30  OP5
Maternal C-peptide and insulin sensitivity, but not obesity, are associated with fatty acid changes in the first trimester of human pregnancy.
Julia Bandres-Meriz, Denise Hoch, Alejandro Majali-Martinez, Milagros Morante, Andreas Glasner, Gernot Desoye, Emilio Herrera

10.30 - 10.45  OP6
How best to detect Hyperglycaemia in early Pregnancy? Preliminary baseline data from the TOBOGM (Treatment Of BOoking GdM) Study.
David Simmons, Lisa Vizza, Bill Hague, Helena Teede, N Wah Cheung, Emily Hibbert, Christopher Nolan, Michael Peek, Vincent Wong, Jeff Flack, Mark Mclean, Glynis Ross, Alexandra Kautzky-Willer, on behalf of the TOBOGM consortium
14.00 - 15.30  Oral presentations session 2  Chair: Robert Lindsay

**Offspring outcome at birth and follow up**

14.00 - 14.15  OP7  
**Interaction among maternal metabolism, fetal sex and neonatal growth outcomes.**  
Gitte O. Skajaa, Perrie O’Tierney-Ginn, Larraine Presley, Judi Minium, Patrick Catalano

14.15 - 14.30  OP8  
**Associations between maternal physical activity and sedentary behaviour and neonatal adiposity differ by offspring sex: a secondary analysis of the DALI study.**  
Anna M. Dieberger, Gernot Desoye, David Simmons, Mireille N. M. van Poppel; on behalf of the DALI consortium

14.30 - 14.45  OP9  
**Associations of maternal dietary glycemic index during pregnancy with childhood adiposity.**  
Rama J. Wahab, Vincent W.V Jaddoe, Romy Gaillard

14.45 - 15.00  OP10  
**Early growth profiles are associated with offspring body composition at 5 years of age in pregnancies complicated with obesity and/or gestational diabetes.**  
Huvinen Emilia, Bergman Paula, Tuomaala Anna-Kaisa, Meinilä Jelena, Engberg Elina, Koivusalo Saila B

15.00 - 15.15  OP11  
**Academic performance in offspring aged 15–16 years born to mothers with gestational diabetes – a national Danish cohort study.**  
*shared first authorship

15.15 - 15.30  OP12  
**Gestational weight gain is associated with neonatal adiposity in boys only.**  
Katrien Benhalima, Anais De Landtsheer, Paul Van Crombrugge, Carolien Moyson, Johan Verhaeghe, Hilde Verlaenen, Chris Vercammen, Toon Maes, Els Dufraimont, Christophe De Block, Yves Jacquemyn, Annouschka Laenen, Roland Devlieger, Caro Minschart, Chantal Mathieu
16:00 - 17.30 Oral presentations session 3  
Chair: Fidelma Dunne

Mental health and interventions strategies

16.00 - 16.15  
OP13  
The impact of depression on pregnancy outcomes in women with gestational diabetes mellitus and normal glucose tolerant women.  
Caro Minschart, Kyara De Weerdt, Astrid Elegeert, Paul Van Crombrugge, Carolien Moyson, Johan Verhaeghe, Sofie Vandeginste, Hilde Verlaenen, Chris Vercammen, Toon Maes, Els Dufrainmont, Christophe De Block, Yves Jacquemyn, Farah Mekahli, Katrien De Clippel, Annick Van Den Brul, Anne Loccuffier, Annouschka Laenen, Roland Devlieger, Chantal Mathieu; Katrien Benhalima

16.15 - 16.30  
OP14  
Mental health and its association with glucose-lowering medical therapy in gestational diabetes pregnancy: a prospective clinical cohort study.  
Jardena J. Puder, Leah Gilbert, Argyro Nikolaou, Dan Yedu Quansah, Jean-Benoit. Rossel, Antje Horsch

16.30 - 16.45  
OP15  
Psychoeducational intervention prevents weight gain in gestational diabetes mellitus.  
Koptsi I, Tsapekos D, Papadimitriou K, Goulis DG

16.45 - 17.00  
OP16  
Randomized controlled trial of very tight versus less tight glycemic targets in women with gestational diabetes  
P. Popova, A. Tkachuck, E. Vasukova, A. Dronova, Y. Bolotko, E. Pustozerov, E. Vasilyeva, Kokina M, O. Li, I. Zazerskaya, T. Pervunina, E. Grineva

17.00 - 17.15  
OP17  
Ethnicity, gestational diabetes mellitus and the risk of pre-term delivery and pre-eclampsia: a nationwide study of singleton deliveries in Denmark.  
Karoline Kragelund Nielsen, Gregers Stig Andersen, Peter Damm and Anne-Marie Nybo Andersen

17.15 - 17.30  
OP18  
Potentially modifiable risk factors for preterm delivery in women with preexisting diabetes.  
Julie C. Søholm, Marianne Vestgaard, Peter Dam, Bjørg Ásbjörnsdóttir, Nicoline Callesen Do, Berit Woetmann Pedersen, Lone Storgaard, Birgitte Bruun Nielsen, Lene Ringholm, Elisabeth R Mathiesen
P1.1 Women with mild fasting hyperglycemia in early pregnancy have more neonatal intensive care admissions.

Katrien Benhalima, Paul Van Crombrugge, Carolien Moysom, Johan Verhaeghe, Sofie Vandeginste, Hilde Verlaenen, Chris Vercammen, Toon Maes, Els Dufraimont, Christophe De Block, Yves Jacquemyn, Farah Mekahli, Katrien De Clippel, Annick Van Den Bruel, Anne Loccufier, Annouschka Laenen, Caro Minschart, Roland Devlieger, Chantal Mathieu

P1.2 An Analysis on the outcomes of pregnancies complicated by Gestational Diabetes Mellitus and Hypothyroidism.

Dalfrà MG, Burlina S, Mustaqe K, Del Vescovo GG, Lapolla A

P1.3 Does hypoglycaemia affect pregnancy outcome in insulin treated Gestational Diabetes Mellitus?


P1.4 Is HbA1c dosage relevant at gestational diabetes diagnosis outside identify a preexisting diabetes mellitus?

A Vambergue, F Barbry, C Ternynck, H Wallet, MC Cazaubiel, J Labreuche, D Subtil, D Deruelle, P Fontaine

P1.5 Prediction for Risk-Stratified care for women with Gestational Diabetes: the PeR Sonataal GDM Study.

Shamil D. Cooray, Jacqueline A. Boyle, Georgia Soldatos, Javier Zamora, Borja M. Fernandez-Felix, John Allotey, Shakila Thangaratinam, Helena J. Teede

P1.6 Fetal predictors of adverse neonatal outcomes in pregnancies with gestational diabetes.

Jardena Jacqueline Puder, Maria-Christina Antoniou, Leah Gilbert, Justine Gross, Jean-Benoît Rossel, Céline Julie Fischer Fumeaux, Yvan Vial

P1.7 CGM glucotype is associated with large for gestational age in women with Gestational Diabetes.

Eleanor M Scott, Alia Alnaji, Graham R Law

P1.8 Associations of maternal early-pregnancy glycemia with alterations in cardiac structure and function in childhood.

Rama J. Wahab, Vincent W.V. Jaddoe, Arno A.W. Roest, Liza Toemen, Romy Gaillard

P1.9 Maternal early-pregnancy dietary glycemic index and load, fetal growth and the risk of adverse birth outcomes.

Rama J. Wahab, Judith M. Scholing, Romy Gaillard
P2.1 Pregnant women’s companionship in a diabetes outpatient clinic: better alone or accompanied?
Giuliani C, Bitterman O, Convertino A, Festa C, Napoli P-L, Sarubbi S, Rogante E, Erbuto D, Pompili M, Napoli A

P2.2 Predictors and consequences of weight retention in the early and late postpartum period in women with GDM.
Dan Yedu Quansah, Justine Gross, Leah Gilbert, Amar Arhab, Antje Horsch, Jardena J. Puder

P2.3 Changes in insulin sensitivity and insulin secretion during pregnancy and postpartum in women with gestational diabetes mellitus.
Gitte O. Skajaa, Jens Fuglsang, Sine Knorr, Niels Møller, Per G. Ovesen, Ulla Kampmann

P2.4 Nutritional Prevention of Gestational Diabetes Mellitus (NuPreGDM Study) – a study description.
Julia Hummel, Louise Fritsche, Jan Pauluschke-Fröhlich, Andreas L. Birkenfeld, Hubert Preißl, Andreas Fritsche, Martin Heni

P2.5 Physical activity characteristics among women with prior gestational diabetes. Preliminary (baseline) data from the Face-it intervention study.

P2.6 The unexplored role of lifestyle on placental molecules in overweight-obese pregnant women. Potential mechanisms and pregnancy implications related to lifestyle-induced mRNA changes. The DALI Lifestyle Randomized Controlled Trial.
Pedro Acosta-Manzano, Gernot Desoye, Mireille N. M. Van Poppel, the DALI core investigator group

P2.7 Transplacental transport and foetal accumulation of artificial sweeteners.
Magnus Møller, Michael Pedersen, Eva Greibe, Elke Hoffman-Lücke, Per Glud Ovesen

P2.8 Role of pleiotrophin in the glucose tolerance and in the hepatic metabolism in the pregnant mice.
Julio Sevillano, Begoña Zapatería, María G. Sánchez, Javier Pizarro, Gonzalo Herradón, Gema Medina, M. Pilar Ramos

P2.9 Predicting GDM using lipid metabolism.
Samuel Furse, Denise S. Fernandez-Twinn, Sara L. White, Susan E. Ozanne, Lucilla Poston, Albert Koulima, Claire L. Meek
52nd Annual Meeting of DPSG

Chair: Dorte Møller Jensen / Poster judge: Eleni Anastasiou

P3.1 Glucokinase deficit prevalence in Italian women with diabetes in pregnancy: a matter of screening selection.

Olimpia Bitterman, Chiara Giuliani, Camilla Festa, Angela Napoli

P3.2 Do-it-yourself artificial pancreas system use in pregnancy in a real-world setting: 2 case reports.

Patricia Lemieux, Jennifer Yamamoto, Lois Donovan

P3.3 The Copen-fast Trial - A randomized controlled trial comparing the effect of the faster-acting insulin analog - insulin Fiasp® - versus insulin Novorapid® in the treatment of women with type 1 or type 2 diabetes during pregnancy and lactation.

Nørgaard SK, Mathiesen ER, Nørgaard K, Dalsgaard TD, Damm P, Ringholm L

P3.4 Validation of the registry-based classification of type 1 diabetes in pregnancy using a clinical cohort as gold standard.

Tina Wullum Gundersen, Sine Knorr, Dorte Møller Jensen, Peter Damm, Ellen Christine Leth Løkkegaard, Elisabeth R. Mathiesen, Andreas Ebbehøj, Reimar W. Thomsen, Tine Dalsgaard Clausen

P3.5 Randomized controlled trials evaluating the effectiveness of interventions for the treatment of pregnant women with pregestational diabetes- A protocol for developing a core outcome set.

Oratile Kgosidialwa, Delia Bogdanet, Aoife Egan, Paula M O’Shea, Linda Biesty, Declan Devane, Fidelma Dunne

P3.6 Plasma glucose levels during an early-pregnancy OGTT in relation to waist-to-height ratio.

M Jokelainen, K Teramo, H Kautiainen, K Rönö, B Stach-Lempinen, MM Klemetti

P3.7 The Oral Glucose Tolerance Test – time for a change: a literature review with a focus on pregnancy.

Delia Bogdanet, Amir Shafat, Paula M. O’Shea, Fidelma Dunne

P3.8 Screening for Gestational Diabetes: Is implementation of new criteria justified in a Danish population?

Cathrine Scheuer, Martin Overgaard, Lene Ringholm, Elisabeth Mathiesen, David McIntyre, Dorte Møller Jensen, Peter Damm, Tine Dalsgaard Clausen

P3.9 Diagnostic criteria for gestational diabetes mellitus; a retrospective study in a tertiary care unit.

Papadimitriou K, Koptsi I, Litsas I, Mintziori G, Athanasiadou N, Goulis DG