



## Organizing Committee

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Group of EASD

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## Local Organizing Committee

Ewa Wender-Ożegowska  
Ela Lenard, *Dranel*

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The Organizing Committee of the 42nd DPSG Meeting would like to thank the following corporations for their contribution in support of this Meeting

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## Welcome

*Dear Honorary and Ordinary DPSG members, Dear Colleagues,*

*on behalf of Organizing Committee and our own, we would like to welcome You during our next DPSG Meeting, in Warsaw.*

*This is the first time when our meeting is hosted by Poland and we hope it will be a very particular event, gathering many professionals involved in care for patients with diabetes and providing a unique opportunity to discuss clinical problems and research results, share ideas and encourage each other to face new challenges. Therefore, we will be more than happy that you join us this year and support our efforts to maintain the outstanding level of medical care, education and research in this challenging branch of contemporary medicine.*

*We hope this meeting will add to a great DPSG tradition of creating an international space for exchanging experiences, hammering out common state-of-art positions and building this very special unity of generations between young and experienced researchers and clinicians that devoted their professional life to serving pregnant women with diabetes mellitus.*

*We believe we will have a great time, enjoying Polish autumn in the Chopin's year. Looking forward seeing you in Warsaw.*

**Ewa Wender-Ożegowska**  
Chair  
Local Organizing Committee

**David Hill**  
Board Chair  
Diabetic Pregnancy Study Group

# INDEX

Program	8
Historical notes	14
Hot topics	15
Oral presentations	18
Poster presentations	28
Author index	48
DPSG members	52
DPSG awards	58
General information	60
Former Meetings	61



	Thursday October 7	Friday October 8	Saturday October 9	Sunday October 10
		8.30-8.45 <b>Welcome</b> Ewa Wender-Ożegowska, David Hill 8.45-9.15 <b>Historical Note and Welcome</b> Leszek Czupryniak, President Elect of "Diabetes Poland"	8.30-9.30 <b>Key note lecture</b> "Obesity and pregnancy" – Jo Modder <b>Key note lecture</b> "Closing the loop in Pregnancy: to CLIP or not to CLIP" – Helen Murphy	8.15-9.30 <b>Oral presentations</b> (5, clinical)
		9.15-10.15 <b>Key note lecture:</b> "Perinatal Overfeeding & Epigenetics" – Andreas Plagemann <b>Key note lecture</b> "Epigenetics and Type 2 Diabetes – Clinical Research" - Valeriya Lyssenko	9.30-10.45 <b>Oral presentations</b> (5, basic science)	9.30-10.30 <b>Hot topic session:</b> Maternal Nutrition and Lifestyle: 3
		10.15-11.30 <b>Oral presentations</b> (5, clinical)	10.45-11.30 <b>Coffee break &amp; poster viewing</b>	10.30-11.00 <b>Coffee break</b>
		11.30-12.30 <b>Coffee break &amp; poster viewing</b>		11.00-12.00 <b>IMPLEMENTATION OF IADPSG GUIDELINES</b> Annunziata Lapolla & David Hadden
		12.30-13.30 <b>Poster presentations</b> (9, clinical)	11.30-12.30 <b>Poster presentations</b> (9, clinical)	12.00-12.15 <b>John Stowers Award</b> -awarded person 12.15-13.15 <b>Jorgen Pedersen Lecture</b> - Peter Damm
		13.30-15.00 <b>Lunch</b>	12.30-15.00 <b>Lunch and Business meeting</b>	13.15-13.30 <b>Thanks and Meeting Adjournment</b> 13.30-14.30 <b>Lunch</b>
15.00-20.00 <b>Registration</b>		15.00-16.00 <b>Hot topic session:</b> Consequences to future generations: 3	15.00-20.00 <b>Walking Tour in Warsaw</b>	
15.30-17.30 <b>Board Meeting</b>		16.00-17.15 <b>Oral presentations</b> (5, basic) 17.15-17.45 <b>Coffee break</b> 17.45-18.00 <b>Distinguished Ambassador Award</b> – Yasue Omori 18.00-18.30 <b>Joseph Hoet Research Award</b> – Alicia Javerbaum		
20.30 <b>Welcome party</b> 21.30 <b>Debate:</b> "To Pump or not to Pump" Chairperson: Anne Dornhorst Pro: Lois Jovanovic. Con: Helen Murphy		19.30-23.00 <b>Conference Dinner at Hotel Holiday Inn</b>	20.30-23.00 <b>Dinner at Restaurant in Warsaw</b>	

# SCIENTIFIC PROGRAM



## THURSDAY, OCTOBER 7<sup>th</sup>

- 15.00-20.00 **Registration**
- 15.30-17.30 **Board Meeting**
- 20.30 **Welcome Party**
- 21.30 **Debate: TO PUMP OR NOT TO PUMP**  
 Chairperson: Anne Dornhorst  
 Pro: Lois Jovanovic  
 Con: Helen Murphy

## FRIDAY, OCTOBER 8<sup>th</sup>

- 8.30-8.45 **Welcome**  
 Ewa Wender-Ożegowska and David Hill
- 8.45-9.15 **Historical Note and Welcome**  
 Leszek Czupryniak – President Elect of Diabetes Poland  
**SHORT STORY ABOUT POLISH PIONEERS IN DIABETES CARE**
- 9.15-10.15 **Key note lectures**  
 Chairpersons: David Hill and Peter Damm  
 Andreas Plagemann: **PERINATAL OVERFEEDING & EPIGENETICS**  
 Valeriya Lyssenko: **EPIGENETICS AND TYPE 2 DIABETES – CLINICAL RESEARCH**
- 10.15-11.30 **Oral session “Clinical studies”**  
 Chairpersons: Rosa Corcoy and Jacques Lepercq
- OP1 **INDEPENDENT ASSOCIATION BETWEEN VITAMIN D LEVELS AND INSULIN SENSITIVITY AND  $\beta$ -CELL FUNCTION AMONG WOMEN WITH PRIOR GDM**  
 Tabák AG, Tanczer T, Magenheim R, Fehér Zs, Pálffy A, Kovács M, Iván G, Tamás Gy
- OP2 **VITAMIN D DEFICIENCY AND ISOLATED FASTING HYPERGLYCEMIA IN PREGNANCY**  
 Vasileiou V, Athanasiadou A, Giakoumi A, Papageorgiou G, Zapanti E, M. Alevizaki, E.Anastasiou
- OP3 **ATLANTIC DIP: HIGH PREVALENCE OF PERSISTENT ABNORMAL GLOCOSE TOLERENCE POSTPARTUN IN WOMEN WITH PREVIOUS GESTATIONAL DIABETES ALONG THE IRISH ATLANTIC SEABOARD**  
 O’Reilly MW, Avalo G, Dennedy MC, O’Sullivan EP, Dunne F
- OP4 **GLYCAEMIC CONTROL, PRE-ECLAMPSIA AND GESTATIONAL HYPERTENSION IN PREGNANT WOMEN WITH TYPE 1 DIABETES**  
 McCance DR, Holmes VA, Patterson CC, Pearson DWM, Walker JD, Maresh MJA and Young IS - for the Diabetes and Pre-eclampsia Intervention Trial (DAPIT) Cooperative Research Group, Belfast, UK
- OP5 **ACE AND eNOS GENES POLYMORPHISMS IN PREGNANCY COMPLICATED WITH TYPE 1 DIABETES AND GESTATIONAL HYPERTENSION**  
 Wender-Ożegowska E, Seremak-Mrozikiewicz A, Iciek R, Zawiejska A, Drews K, Brązert J
- 11.30-12.30 **Coffee break and poster viewing**
- 12.30-13.30 **Poster presentation “Clinical”**  
 Chairpersons: Per Ovesen and Boyd Metzger
- PP1\* **OUTCOMES IN PREGNANCIES COMPLICATED BY POLYCYSTIC OVARY SYNDROME (PCOS), A POPULATION BASED STUDY**  
 Andersen LL, Jensen DM, Ravn P, Mumm H, Glintborg D and Andersen M
- PP2\* **PREGNANCY OUTCOME IN IMMIGRANT WOMEN WITH GESTATIONAL DIABETES MELLITUS**  
 Dalfrà MG, Ragazzi E, Masin M, Bonsenbiantte B, Cosma D, Barison A, Toniato R, Fedele D, Lapolla A
- PP3\* **PREVALENCE AND PROGRESSION OF DIABETIC RETINOPATHY DURING PREGNANCY IN WOMEN WITH TYPE 1 DIABETES (DT1)**  
 Vambergue A, El Ouahabi H, Courteville H, Ascencio M, Fontaine P, Deruelle P

- PP4\* **PERINATAL OUTCOME CHANGES IN T1 DM AND INSULIN-TREATED GDM PATIENTS WITH A SINGLETON CHILDBIRTH DURING 1988 - 2007**  
 Klemetti M, Tikkanen M, Nuutila M, Teramo K
- PP5\* **DELIVERY AND PERINATAL COMPLICATIONS IN CLASS II OBESE WOMEN**  
 Lepercq J, Le Meaux JP
- PP6\* **MATERNAL ANTHROPOMETRIC AND INSULIN SENSITIVITY FACTORS AND THE RISK OF NEONATAL MACROSOMIA IN GESTATIONAL DIABETES**  
 Horosz E, Bomba-Opon DA, Wielgos M, Szymańska M
- PP7\* **THE HEALTHCARE BURDEN OF GESTATIONAL DIABETES MELLITUS IN IRELAND**  
 Gillespie P, Dunne F, Avalos, G, O’Reilly M, O’Neill C
- PP8\* **THE PREVALENCE OF LARGE FOR GESTATIONAL AGE OFFSPRING AFTER IMPLEMENTATION OF A NEW INSULIN TREATMENT GUIDELINE IN WOMEN WITH GESTATIONAL DIABETES**  
 Mathiesen ER, Mikkelsen MR, Stage E, Nielsen SB, Damm P
- PP9\* **IN WOMEN WITH TYPE 1 DIABETES MELLITUS, MATERNAL INSULIN REQUIREMENTS ARE POTENT PREDICTORS OF EXCESS FETAL GROWTH**  
 Ovejero D, Miñambres I, Chico A, García-Patterson A, Adelantado JM, de Leiva A, Corcoy R

- 13.30-15.00 **Lunch**
- 15.00-16.00 **Hot topic sessions**  
**CONSEQUENCES TO FUTURE GENERATIONS**  
 Chairpersons: David Pettitt and Ewa Wender-Ożegowska
- Robert Lindsay:  
**Blood pressure, adiposity and adipocytokines at age 7 in offspring of mothers with type 1 diabetes**
- Rosemary Temple:  
**Working memory of offspring of mothers with type 1 diabetes**
- Michael Maresh:  
**Body composition and bone status of children born to mothers with type 1 diabetes mellitus**
- 16.00-17.15 **Oral session “Basic studies”**  
 Chairpersons: Andreas Plagemann and Ulf Eriksson
- OP6 **VASCULAR EFFECTS OF IGF2 ON THE FETO-PLACENTAL ENDOTHELIUM**  
 Hiden U, Lassance L, Konya V, Heinemann A, Augsten M, Hackl H, Desoye G
- OP7 **PANCREATIC BETA CELL PROGENITORS RESIDENT WITHIN ISLETS CONTRIBUTE TO REGENERATION FOLLOWING BETA CELL LOSS, BUT FAIL TO DIFFERENTIATE IN ANIMALS BORN TO MOTHERS FED A LOW PROTEIN DIET DURING PREGNANCY**  
 Hill DJ and Cox AR
- OP8 **PLACENTAL PHOSPHOLIPID TRANSFER PROTEIN IS UPREGULATED IN GDM**  
 Scholler M, Dieber M, Panzenboeck U, Lang I, Wadsack C and Desoye G
- OP9 **DIFFERENTIAL EFFECT OF INSULIN ON ARTERIAL VS VENOUS PLACENTAL ENDOTHELIAL CELLS**  
 Lassance L, Hiden U, Absänger M, Hackl H and Desoye G
- OP10 **OXIDATIVE DAMAGE ASSOCIATED TO OBESITY. IMPLICATIONS ON TERATOGENESIS**  
 Clapes S, Alcalá M, Bolado VE, Sánchez-Vera I, Tormos MC, Sáez G, Viana M
- 17.15-17.45 **Coffee break**
- 17.45-18.00 **The Distinguished Ambassador Award**  
 Chairperson: David Hadden  
 Recipient: **Yasue Omori**
- 18.00-18.30 **Joseph Hoet Research Award**  
 Chairperson: Brigitte Reusens  
 Recipient: **Alicia Jawerbaum**  
**THE INTRAUTERINE DEVELOPMENT IN MATERNAL DIABETES**
- 19.30.-23.00 **Conference Dinner at Hotel Holiday Inn**



## SATURDAY, OCTOBER 9<sup>th</sup>

- 8.30-9.30 **Key note lectures**  
Chairpersons: David Simmons and Lois Jovanovic  
Jo Modder: **OBESITY AND PREGNANCY**  
Helen Murphy: **CLOSING THE LOOP IN PREGNANCY: TO CLIP OR NOT TO CLIP**
- 9.30-10.45 **Oral session "Basic studies"**  
Chairpersons: Gernot Desoye and Emilio Herrera
- OP11 **SERUM LEPTIN CONCENTRATION AND OTHER METABOLIC PARAMETERS IN PREDICTION OF FETAL WEIGHT IN PREGNANCIES COMPLICATED BY TYPE 1 DIABETES IN RELATION TO LEPTIN GENE AND ITS RECEPTOR GENOTYPES.**  
Iciek R, Wender-Ożegowska E, Zawiejska A, Seremak-Mrozikiewicz A, Drews K, Brązert J
- OP12 **ROLE OF ADIPOSE TISSUE IN THE AVAILABILITY OF PUFA TO THE FETUS IN DIETARY RESTRICTED OBESE RATS**  
Amusquivar E, Sevillano J, Ramos MP, Herrera E
- OP13 **REGULATION OF p53 DECAY BY Pax3 EXPLAINS NEURAL TUBE AND CARDIAC OUTFLOW TRACT DEFECTS IN EMBRYOS OF DIABETIC MOTHERS**  
Wang XD, Chappell Jr JH, Loeken MR
- OP14 **TYPE 1 DIABETES IS ASSOCIATED WITH IMPAIRED PLACENTAL MMP EXPRESSION IN EARLY PREGNANCY**  
Hiden U, Greimel P, Ghaffari-Tabrizi N, Dieber-Rotheneder M, Ivanisevic M, Djelmis J, Desoye G
- OP15 **LIPID SIGNALING AND ISLET BETA-CELL COMPENSATION IN NORMAL PREGNANCY**  
Kim JH, Delghingaro-Augusto V, Funkat A, Josiah A, Nolan CJ
- 10.45-11.30 **Coffee break and poster viewing**
- 11.30-12.30 **Poster presentation "Clinical studies"**  
Chairpersons: Kari Teramo and Rosemary Temple
- PP10\* **A HIGH LEVEL OF PRORENIN IN EARLY PREGNANCY IS ASSOCIATED WITH DEVELOPMENT OF PREECLAMPSIA IN WOMEN WITH TYPE 1 DIABETES**  
Ringholm L, Pedersen-Bjergaard U, Thorsteinsson B, Boomsma F, Damm P, Mathiesen ER
- PP11\* **CONTINUOUS SUBCUTANEOUS INSULIN INFUSION VERSUS MULTIPLE DAILY INJECTIONS OF INSULIN ANALOGS DURING PREGNANCY IN 254 WOMEN WITH TYPE 1 DIABETES**  
Lepercq J, Timsit J
- PP12\* **EXPERIENCES OF INSULIN PUMP THERAPY IN HIGH RISK WOMEN DURING PREGNANCY**  
Banerjee A, Temple RC, Simmons D and Murphy HR
- PP13\* **INFLUENCE OF GESTATIONAL DIABETES MELLITUS AND MATERNAL OBESITY ON INSULINRESISTANCE AND LEVELS ON ADIPOKINES IN MATERNAL AND UMBILICAL BLOOD**  
Djelmis J, Bljajić D and Ivanisevic M
- PP14\* **DIFFERENCES IN THE IMPLICATIONS OF MATERNAL LIPIDS FOR FETAL METABOLISM AND GROWTH IN GDM AND CONTROL PREGNANCIES**  
Schaefer-Graf UM, Meitzner K, Ortega-Senovilla H, Graf K, Vetter K, Abou-Dakn M, Herrera E
- PP15\* **SELF-EVALUATED BENEFIT AND DISCOMFORT OF INITIATING CONTINUOUS GLUCOSE MONITORING SYSTEMS IN EARLY PREGNANCY**  
Secher AL, Ringholm L, Barfred C, Stage E, Andersen HU, Damm P, Mathiesen ER
- PP16\* **METABOLIC DIFFERENCES IN NEONATES BORN BY CAESAREAN SECTION COMPARED TO THOSE BY VAGINAL DELIVERY**  
Ortega-Senovilla H, Schaefer-Graf UM, Metzner K, Graf K, Vetter K, and Herrera E
- PP17\* **ALLELE SCORING OF GENETIC RISK IN PREVIOUS GDM**  
Abou-Hussein S, Savona-Ventura C, Grima S, Felice AE
- PP18\* **RANDOMISED CONTROLLED TRIAL OF AN EARLY POST PARTUM INTERVENTION TO INCREASE PHYSICAL ACTIVITY IN WOMEN WITH PREVIOUS GDM**  
McIntyre HD, Peacock A, Miller Y, Koh D, Marshall A
- 12.30-15.00 **Lunch and Business meeting**
- 15.00-20.00 **Walking Tour in Warsaw**
- 20.30-23.00 **Dinner at restaurant in Warsaw**

## SUNDAY, OCTOBER 10<sup>th</sup>

- 8.15-9.30 **Oral session "Clinical studies"**  
Chairpersons: Moshe Hod and Elisabeth Mathiesen
- OP16 **IN GESTATIONAL DIABETES MELLITUS, PREGESTATIONAL BODY MASS INDEX IS AN INDEPENDENT PREDICTOR OF NEONATAL HYPOGLYCEMIA**  
García-Patterson A, Aulinas A, María MA, Ubeda J, Orellana I, Adelando JM, Ginovart G, de Leiva A, Corcoy R
- OP17 **FASTING GLYCAEMIA AND ANTHROPOMETRIC AND ANAMNESTIC VARIABLES FOR THE IDENTIFICATION OF A RISK SCORE FOR GESTATIONAL DIABETES**  
Di Fulvio P, Formoso G, Ginestra F, Cucco L, Legnini A, Cesarone L, Nicolucci A, Consoli A
- OP18 **CUSTOMIZED FETAL GROWTH STANDARDS FOR PREDICTION OF MACROSOMIA**  
Deruelle P, Ascensio M, Fontaine P, Subtil D, Vambergue A
- OP19 **OBSTETRICAL AND NEONATAL OUTCOMES FOR WOMEN WITH GDM IN SWEDEN DEPENDING ON COUNTRY OF BIRTH (NORDIC VS NON-NORDIC)**  
Fadl H E, Östlund I K M, Hanson U S B
- OP20 **GLYBURIDE IN GESTATIONAL DIABETES – PREDICTION OF TREATMENT FAILURE**  
Chen R, Yogev Y, Melamed N, Pardo J, Hod M
- 9.30-10.30 **Hot topic sessions MATERNAL NUTRITION AND LIFESTYLE**  
Chairpersons: Jo Modder and David McIntyre  
Maria del Pilar Ramos Alvarez: **Maternal undernutrition during the first half of gestation alters adipose and hepatic metabolism, favouring a diabetogenic state in the mother**  
Cristina Lencioni: **Effects of moderate physical activity on metabolic control in women with gestational diabetes**  
Roland Devlieger: **Maternal obesity is associated with a lower dietary quality and increased incidence of pregnancy complications**
- 10.30-11.00 **Coffee break**
- 11.00-12.00 **Workshop IMPLEMENTATION OF THE IADPSG GUIDELINES WITHIN EUROPE**  
**Introduction:** David Hadden  
**Overview**  
**Presentation:** Annunziata Lapolla  
**A STUDY ON ANALYSIS OF PREGNANCIES AFTER THE NEW IADPSG RECOMMENDATION**  
**Discussion:** David Hadden / Annunziata Lapolla  
**Survey Results**
- 12.00-12.15 **John Stowers Poster Award**  
Chairpersons and Judges: Rosa Corcoy, Jeremy Oats, and Parri Wentzel  
**Recipient for 1st highest scored abstract**  
**Recipients for 2nd and 3rd highest scored abstracts**
- 12.15-13.15 **Jorgen Pedersen Lecture**  
Chairperson: David Hill  
**Lecturer: Peter Damm**  
**A WALK IN THE FOOTSTEPS OF JORGEN PEDERSEN – based on research from Copenhagen during the last decades**
- 13.15-13.30 **Thanks and meeting adjournment**  
David Hill and Ewa Wender-Ożegowska
- 13.30-14.30 **Lunch**