



Diabetes and Nutrition Study Group

36TH INTERNATIONAL SYMPOSIUM ON DIABETES AND NUTRITION OPATIJA, CROATIA, JUN 27-29, 2018

WEDNESDAY JUNE 27TH, 2018

11:00 – 14:00	Registration
13:00 – 13:15	OPENING CEREMONY Diabetes in Croatia (Dario Rahelic, Croatia)
13:15 – 15:15	SESSION 1: "NUTS IN THE PREVENTION OF DIABETES AND ITS COMPLICATIONS" Chairs: Ulf Riserus (Sweden), Cyril Kendall (Canada), Dubravka Jurisic Erzen (Croatia)
13:15 – 13:35	Nuts, obesity, and cardiometabolic risk factors (Penny Kris-Etherton, USA)
13:35 – 13:55	Nuts in the prevention of diabetes and microvascular complications (Monica Bullo, Spain)
13:55 – 14:15	Nuts and cardiovascular disease prevention (Jordi Salas-Salvado, Spain)
14:15 – 14:35	Nuts and cognitive health (Joan Sabate, USA)
14:35 – 14:45	Oral abstract 1 - Chronic almond snacking in millennials improves glucose tolerance and insulin resistance index (Rudy M Ortiz, USA)
14:45 – 14:55	Oral abstract 2 - A systematic review and meta-analysis of nut intake and measures of adiposity in metabolic syndrome (Stephanie Nishi, Canada)
14:55 – 15:15	Panel discussion (All speakers)
15:15 – 15:45	COFFEE BREAK (POSTERS)
15:45 – 17:35	SESSION 2: "WHAT IS THE ROLE OF NUTRITIONAL SUPPLEMENTS/MEAL REPLACEMENTS IN DIABETES?" Chairs: Ursula Schwab (Finland), John Sievenpiper (Canada), Zeljko Metelko (Croatia)
15:45 – 16:05	Is there a problem of malnutrition in overweight patients with diabetes? (Rocco Barazzoni, Italy)
16:05 – 16:25	Meal replacements for weight loss in diabetes: Lessons learned from the LookAhead trial (Ariana Chao, USA)



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15:45 – 16:45	Development and experience with a transcultural diabetes nutrition algorithm (tDNA) (Jeffrey Mechanick, USA)
16:45 – 17:05	Benefits and cost effectiveness of supplements in malnourished patients with diabetes (Alejandro Sanz-Paris, Spain)
17:05 – 17:15	Oral abstract 3 – Liquid meal replacements improve markers of adiposity and glycemic control in individuals with type 2 diabetes: a systematic review and meta-analysis of randomized controlled trials (Jarvis C Noronha, Canada)
17:15 – 17:35	Panel discussion (All speakers)
19:30	WELCOME DRINK & DINNER (GRAND HOTEL)

THURSDAY JUNE 28TH, 2018

09:00 – 9:30	SESSION 3: PLENARY LECTURE Chairs: Velimir Božikov (Croatia), Angela Rivellese (Italy)
09:00 – 09:30	Diabetes and fasting (Inass Shaultat, Egypt)
09:30 – 10:30	SESSION 4: “SHORT ORAL ABSTRACTS - CLINICAL” Chairs: Anastasia Thanopoulou (Greece), Andreas Pfeiffer (Germany), Slaven Kokic (Croatia)
09:30 – 09:36	Short Oral Abstract 1 – Important food sources of fructose-containing sugars and LDL-cholesterol: A systematic review and meta-analysis of controlled feeding trials (Fei, Au-Yeung, Canada)
09:36 – 09:42	Short Oral Abstract 2 – Effect of low-glycemic index/load on body weight: A systematic review and meta-analysis (Catherine R Braunstein, Canada)
09:42 – 09:48	Short Oral Abstract 3 – Effects of high and low protein diets on liver fat content and hepatic mitochondrial function in morbidly obese subjects (Mariya Markova, Germany)
09:48 – 09:54	Short Oral Abstract 4 – Effects of whey protein and dietary fiber on plasma triglycerides: a randomized, controlled, double-blind dietary intervention trial in subjects with abdominal obesity (Elin Rakvaag)
09:54 – 10:00	Short Oral Abstract 5 – The assessment of fasting hepatic de novo lipogenesis using circulating fatty acid markers: The effect of phenotype and genotype (Fredrik Rosqvist, UK)
10:00 – 10:06	Short Oral Abstract 6 – Low protein diet induced-autophagy in liver is not involved in liver fat reduction



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	(Chenchen Xu, Germany)
10:06 – 10:12	Short Oral Abstract 7 – Proprandial bone turnover suppression: comparison of an oral glucose tolerance test with a mixed meal in abdominally obese subjects (R Fuglsang-Nielsen, Denmark)
10:12 – 10:18	Short Oral Abstract 8– Targeting diet-induced differential microRNA expression in adipose tissue of type 2 diabetes mellitus patients (Renate Luzia Barbosa Yañez, Germany)
10:18 – 10:24	Short Oral Abstract 9 – Post-prandial metabolic response to a diet resembling the traditional mediterranean diet (Marilena Vitale, Italy)
10:24 – 10:30	Short Oral Abstract 10 – Curcumin - a polyphenol with molecular targets in diabetes control? (Kristina Blaslov, Croatia)
10:30 – 11:00	COFFEE BREAK (POSTERS)
11:00 – 13:00	SESSION 5: "THE ROLE OF OAT FIBRE IN DIABETES" Chairs: Fred Brouns (The Netherlands), Gabriele Riccardi (Italy), Blazenka Miskic (Croatia)
11:00 – 11:20	Relation of oats with incident obesity, diabetes, and cardiovascular disease in prospective cohort studies (Simin Liu, USA)
11:20 – 11:40	Oats in glycemic control (Jim Mann, New Zealand)
11:40 – 12:00	Beta-glucan fibre in blood lipid and blood pressure control (Vladimir Vuksan, Canada)
12:00 – 12:20	Oat beta-glucan and food intake regulation (Thomas Wolever, Canada)
12:20 – 12:30	Oral abstract 4 – The structural integrity of whole grains impacts postprandial glycaemia in people with type 2 diabetes: randomized crossover study (Andrew N Reynolds, New Zealand)
12:30 – 12:40	Oral abstract 5 – The effect of prebiotica on gut hormones regulating blood glucose and appetite in type 2 diabetes – Fiberdia (Eline Birkeland, Norway)
12:30 – 13:00	Panel discussion (All speakers)
13:00 – 14:00	LUNCH
14:00 – 15:00	SESSION 6: "SHORT ORAL ABSTRACTS - EPIDEMIOLOGY" Chairs: Hana Kalheová (Czech Republic), Charilaos Dimosthenopoulos (Greece), Sanja Majanovic Klobucar (Croatia)



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14:00 – 14:06	Short Oral Abstract 11 – Relation of vegetarian diets with cardiovascular disease outcomes: A systematic review and meta-analysis of prospective cohort studies (Andrea J Glenn, Canada)
14:06 – 14:12	Short Oral Abstract 12 – Protective association between adherence to a healthy Nordic diet, the risk of incidence of stroke and cardiovascular disease: A systematic review and meta-analysis of cohort studies (Paraskevi Massara, Canada)
14:12 – 14:18	Short Oral Abstract 13 – Important food sources of sugars and type 2 diabetes: A systematic review and meta-analysis of prospective cohort studies (Tauseef Khan, Canada)
14:18 – 14:24	Short Oral Abstract 14 – Metabolic factors predicting diet-specific compliance in subjects with prediabetes – Data from DINA-P (Stefan Kabisch, Germany)
14:24 – 14:30	Short Oral Abstract 15–Glycemic control and lifestyle habits of diabetic patients according to Mediterranean diet adherence (Gordana Kendel Jovanović, Croatia)
14:30 – 14:36	Short Oral Abstract 16 – Lifestyle intervention in the prevention of type 2 diabetes in individuals with low or high genetic risk – T2D-GENE Study (Maria Lankinen, Finland)
14:36 – 14:42	Short Oral Abstract 17– Association of body size profiles and physical activity with glucose metabolism in men (Susanna Kemppainen, Finland)
14:42 – 14:48	Short Oral Abstract 18 – Plasma metabolites predict both insulin resistance and incident type 2 diabetes: A metabolomics approach within the PREDIMED study (Christopher Papandreou, Spain)
14:48 – 14:54	Short Oral Abstract 19 – Interaction between copy number variation in the salivary amylase gene and starch intake on glucose homeostasis – The MALMÖ diet and cancer cohort (Emily Sonestedt, Sweden)
14:54 – 15:00	Short Oral Abstract 20 – The consistency of the evidence between dietary factors and gestational diabetes and metabolic disorders of pregnancy (Vanessa Ha, Canada)
15:00 –15:30	SESSION 7: PLENARY LECTURE Chair: David Jenkins (Canada), Jordi Salas-Salvadó (Spain) 'Healthy Carbs': The importance of carbohydrate quality in the prevention and treatment of diabetes (Gabriele Riccardi, Italy)
15:30 – 16:00	COFFEE BREAK (POSTERS)
16:00 –18:00	SESSION 8: "A FOOD-BASED APPROACH TO 'HEALTHY CARBOHYDRATES' IN



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DIABETES"

Chairs: Anne-Marie Aas (Norway), Cyril Kendall (Canada), Silviya Canecki (Croatia)

16:00 – 16:20	Whole grains in diabetes (Angela Rivellese, Italy)
16:20 – 16:40	Fruit and fruit juice in diabetes (Fred Brouns, Netherlands)
16:40 – 17:00	Dietary pulses in diabetes (David Jenkins, Canada)
17:00 – 17:20	Low-GI foods in diabetes (Geoffrey Livesey, United Kingdom)
17:20 – 17:30	Oral Abstract 6 – Incorporating Canadian yellow pea into cereal-based food products as an ecological approach to managing diabetes (Christopher Marinangeli, Canada)
17:30 – 17:40	Oral Abstract 7 – Modulation of plasma metabolites following a low-glycemic index diet (Pablo Hernández-Alonso, Spain)
17:40 – 18:00	Panel discussion (All speakers)
19:30	DINNER (GRAND HOTEL)

FRIDAY JUNE 29TH, 2018

09:00 – 10:30	SESSION 9: NUTRITION, METABOLISM AND CARDIOVASCULAR DISEASE IN DIABETES - TBA
	Chairs: Davor Milicic, Bojan Jelakovic, Dario Rahelic
09:00 – 09:20	Diabetes as a cardiovascular disease (Davor Milicic, Croatia)
09:20 – 09:40	Regulation of endothelial function – the role of Nitric oxide (Bojan Jelakovic, Croatia)
09:40 – 10:00	TBA
10:00 – 10:10	Oral abstract 8 – Digital and face-to-face group lifestyle intervention in reducing the risk of type 2 diabetes in Finnish health-care system: the StopDia study (Reija Männikkö, Finland)
10:10 – 10:30	Panel discussion (All speakers)
10:30 – 11:00	COFFEE BREAK (POSTERS)
11:00 – 12:00	SESSION 10: "SHORT ORAL ABSTRACTS - CLINICAL"



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Chairs: Monica Bullo (Spain), Vladimir Vuksan (Canada), Mladen Krnić (Croatia)

- 11:00 – 11:06 Short Oral Abstract 21 – Low-carbohydrate diets and other dietary approaches - Is there a best diet for diabetes? (Tatjana Milenkovic, Macedonia)
- 11:06 – 11:12 Short Oral Abstract 22 – The effect of viscous (gel-forming) fibre supplementation on glycemc control in individuals with diabetes mellitus (Dandan Li, Canada)
- 11:12 – 11:18 Short Oral Abstract 23 – Systematic review and meta-analysis of low calorie sweetened beverage versus water and glycemc control (Néma, McGlynn, Canada)
- 11:18 – 11:24 Short Oral Abstract 24– Does lifestyle intervention after gastric bypass surgery prevent weight regain? A randomized clinical trial (Susanna E. Hanvold, Norway)
- 11:24 – 11:30 Short Oral Abstract 25– Effects of low-carb and low-fat strategies on renal function in subjects with prediabetes (Nina Meyer, Germany)
- 11:30 – 11:36 Short Oral Abstract 26– The effect of long term arabinoxylan-oligosaccharide supplementation on gut functioning and metabolic parameters (Mattea Müller, Denmark)
- 11:36 – 11:42 Short Oral Abstract 27– Co-administration of dietary and herbal therapies for multi-facet CVD risk reduction in diabetes: FIGHT trial (Fibre Gran Herb Trial) (Andreea Zurbau, Canada)
- 11:42 – 11:48 Short Oral Abstract 28 – A plant-based diet improves beta-cell function and insulin resistance in overweight adults. A 16-week randomized clinical trial (Hana Kahleova)
- 11:48 – 11:54 Short Oral Abstract 29 – Factors affecting hepatic steatosis in adult Greek subjects with type 2 diabetes mellitus (T2DM) (Anastasia Thanopoulou, Greece)
- 11:54 – 12:00 Short Oral Abstract 30 – Pistachio consumption in pre-diabetic subjects: impact on oxidation and gene expression. The Telomere effect (Silvia Canudas, Spain)

12:00 – 13:00 LUNCH

13:00 – 15:50 SESSION 11: "LOW CALORIE SWEETENERS AND MICROBIOME: IMPLICATIONS FOR DIABETES"

Chairs: Jim Mann (New Zealand), PerBendix Jeppesen (Denmark), Zeljka Crncevic Orlic (Croatia)

13:00 – 13:20 Do low calorie sweeteners induce glucose intolerance through changes in the microbiome? Yes (Allison Silvetsky, USA)



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13:20 – 13:40	Do low calorie sweeteners induce glucose intolerance through changes in the microbiome? No (John L Sievenpiper, Canada)
13:40 – 14:00	Low calorie sweeteners and sweet taste in diabetes: A cause for calorie confusion and over consumption? (Jason Halford, UK)
14:00 – 14:20	The role of low calorie sweeteners in diabetes (Anne Raben, Denmark)
14:20 – 14:30	Oral Abstract 9 – Network meta-analyses of low calorie sweetened beverages versus water and risk of obesity (Lily Wang, Canada)
14:30 – 14:50	Panel discussion (All speakers)
14:50 – 15:20	COFFEE BREAK (POSTERS)
15:20 – 15:50	SESSION 12: DNSG UPDATES Chair: Dario Rahelic (Croatia), Ulf Risérus (Sweden)
15:20 – 15:30	International lifestyle Portfolio Trial planning update (David Jenkins, Canada; Cyril Kendall, Canada; John Sievenpiper, Canada)
15:30 – 15:40	International Carbohydrate Quality Consortium (ICQC) update (Livia Augustin, Canada)
15:40 – 15:50	DNSG Clinical Practice Guidelines for Nutrition Therapy update (Andreas Pfeiffer, Germany)
15:50 – 16:00	SESSION 13: NEXT DNSG MEETING Chair: Ulf Risérus (Sweden), Dario Rahelic (Croatia) Invitation to the 37th International Symposium on Diabetes and Nutrition in the Netherlands (Fred Brouns, The Netherlands)
16:00 – 16:05	CLOSE OF THE SYMPOSIUM (DARIO RAHELIC, CROATIA)
16:05 – 17:00	GENERAL ASSEMBLY (ULF RISÉRUS, SWEDEN)
18:00	EXCURSION AND GALA DINNER (CASTLE BALAJ)