






SCIENTIFIC PROGRAM

Wednesday, 15 February, 2017


Hall	Blue Amphitheater	Maillot Hall	Hall 252
14:30-16:00	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>
16:00-16:15	Short Break to Change Halls		
16:15-17:45	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>
17:45-18:00	Short Break to Change Halls		
Hall	Grand Amphitheater		
18:00-18:50	OPENING CEREMONY		
	Opening Remarks – <u>Tadej Battelino</u>		
	Keynote speaker <u>Eric Renard</u> - Moving to a Dynamic View of Diabetes: A Cornerstone on the Road Toward Glucose Control		
18:50-20:00	Networking Reception in the Exhibition Area		

Thursday, 16 February, 2017


Hall	Grand Amphitheater				
08:30-10:00	PLENARY - AUTOMATED CLINICAL DECISION SUPPORT SYSTEMS Chairs: K. George Alberti, UK and Richard Bergenstal, USA 				
	<u>Aaron Kowalski</u> , USA - Further Optimizing Diabetes Control with Big Data <u>Bruce Bode</u> , USA - Computerized Software using POC Glucose in the Hospital and Outpatient Setting <u>George Grunberger</u> , USA - Challenges and Problems in Introducing New Technologies into Clinical Practice <u>Moshe Phillip</u> , Israel - New Era of Personalized Treatment of Diabetes Using Decision Support Tools Discussion				
10:00-10:30	Coffee Break, Exhibition, Posters and E-Posters E-Poster Discussion Sessions 1 – 3 (Stations 1, 3, 5)				
10:30-12:00	PLENARY INDUSTRY SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>				
12:00-13:00	Lunch Break, Exhibition, E-Posters and Posters, International Fair of New Technologies in Diabetes				
Hall	Grand Amphitheater	Blue Amphitheater	Maillot Hall	Hall 252	Hall 251
13:00-14:30	PARALLEL - CLOSED- LOOP ALGORITHMS: BENEFITS AND LIMITATIONS OF THE VARIOUS OPTIONS Chairs: Eric Renard, France and Hans de Vries, The Netherlands 	PARALLEL – PREGANANCY AND TECHNOLOGY Chairs: Helen Murphy, UK 13:00-14:00	PARALLEL INDUSTRY SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>	ORAL PRESENTATION SESSION 1 13:00-14:30 Chairs: Mark Sperling, USA and Stuart Weinzimer, USA
	<u>Revital Nimri</u> , Israel - Fuzzy Logic Approach <u>Roman Hovorka</u> , UK - Cambridge's MPC Approach <u>Claudio Cobelli</u> , Italy - The Italian MPC Approach	<u>Yariv Yogev</u> , Israel - The Impact of Maternal Diabetes in Pregnancy on Future Maternal and Fetal Health <u>Helen Murphy</u> , UK - Adaptability of Closed-Loop During Labor and Delivery			

	<u>Garry Steil</u> , USA - Harvard's PID Approach Discussion	PARALLEL - INSULIN PUMPS Chair: Eran Atlas 14:05-14:30			
		<u>Ralph Ziegler</u> , Germany - Insulin Pumps Prepared for the Future - Exploring Differences in Function and Accuracy			
14:30-15:00	Coffee Break, Exhibition, E-Posters and Posters International Fair of New Technologies in Diabetes				
Hall	Blue Amphitheater				
15:00-16:30	PLENARY INDUSTRY SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>				
16:30-16:40	Short Break to Change Halls				
Hall	Grand Amphitheater	Blue Amphitheater	Maillot Hall		
	PARALLEL – TYPE 2 DIABETES AND TECHNOLOGY Chairs: Irl B. Hirsch, USA and William Tamborlane, USA	PARALLEL - PSYCHOLOGY AND DIABETES TECHNOLOGY Chairs: Lori Laffel, USA and Desmond Schatz, USA		ORAL PRESENTATION SESSION 2 Chairs: Claudio Cobelli, Italy and Olga Kordonouri, Germany	
16:40-18:00	<u>Walter Pories</u> , USA - The Molecular Basis for the Remission of Type 2 Diabetes and Opportunities for Drug Development <u>John Pickup</u> , UK - Insulin Pump Therapy in Type 2 Diabetes: An Individual Patient Data Meta-Analysis <u>Irl Hirsch</u> , USA - CGM in Type 2 Diabetes: Is It a Realistic Technology? <u>Mark Sperling</u> , USA - Pros and Cons of Bariatric Surgery in Adolescents with Obesity and T2DM	<u>Lori Laffel</u> , USA - Opportunities to Enhance Technology Use in Pediatric Patients with T1D <u>Katharine Barnard</u> , UK - Making the Most of Diabetes Technology <u>Andrea Scaramuzza</u> , Italy - Human Factor vs. Technology in Pediatric Diabetes <u>Stephanie Amiel</u> , UK - Enhancing awareness of hypoglycaemia - where to go when technology fails!			


Friday, 17 February, 2017



Hall	Maillot Hall			
08:00-08:50	PLENARY INDUSTRY MORNING SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>			
08:50-9:00	Short Break to Change Halls			
Hall	Grand Amphitheater	Blue Amphitheater	Maillot Hall	Hall 252
09:00-10:00	PARALLEL - CLOSING THE LOOP Chairs: Henry Anhalt, USA and Francine Kaufman, USA 	ORAL PRESENTATION SESSION 3 Chairs: Pratik Choudhary, UK and Robert Rapaport, USA	ORAL PRESENTATION SESSION 4 Chair: Kelly Close, USA	PARALLEL INDUSTRY WORKSHOP <i>Industry session not included in main event CME/CPD credit</i>
	<u>Boris Kovatchev</u> , USA - The International Diabetes Closed-Loop (iDCL) Trial: Progress Report <u>Roman Hovorka</u> , UK - Inpatient Glucose Control and Closed Loop Insulin Delivery <u>John Shin</u> , USA and <u>Thomas Danne</u> , Germany - Lessons Learned from the MiniMed 670G Pivotal Trial			
10:00-10:30	Coffee Break, Exhibition, Posters and E-Posters, E-Poster Discussion Sessions 4 – 6 (Stations 1, 3, 5)			
Hall	Grand Amphitheater			
10:30-12:00	PLENARY INDUSTRY SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>			
12:00-13:00	Lunch Break, Exhibition, E-Posters and Posters International Fair of New Technologies in Diabetes			

	PLENARY – ATTD 2016 YEARBOOK Chairs: Moshe Phillip, Israel and Tadej Battelino, Slovenia
13:00-14:30	<u>Satish Garg</u> , USA - Self-Monitoring of Blood Glucose <u>Satish Garg</u> , USA - New Medications for the Treatment of Diabetes <u>Tadej Battelino</u> , Slovenia - Continuous Glucose Monitoring <u>John Pickup</u> , UK - Insulin Pumps <u>Eyal Dassau</u> , USA - Closing the Loop <u>Lutz Heinemann</u> , Germany - New Insulins, Biosimilars, and Insulin Therapy <u>Neal Kaufman</u> , USA - Using Digital Health Technology to Prevent and Treat Diabetes <u>Desmond Schatz</u> , USA - Immune Intervention for Type 1 Diabetes <u>Helen Murphy</u> , UK - Technology and Pregnancy <u>Michael C. Riddell</u> , Canada - Advances in Exercise Physical Activity and Diabetes Mellitus <u>David Maahs</u> , USA - Diabetes Technology and Therapy in the Pediatric Age Group <u>Alon Liberman</u> , Israel - Diabetes Technology and the Human Factor
14:30-15:00	Coffee Break, Exhibition, Posters and E-Posters, International Fair of New Technologies in Diabetes
Hall	Blue Amphitheater
15:00-16:30	PLENARY INDUSTRY SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>
16:30-16:40	Short Break to Change Halls

Hall	Grand Amphitheater	Blue Amphitheater	Maillot Hall	Hall 252
16:40-18:00	PARALLEL – MOVING FORWARD WITH TECHNOLOGY Chairs: Guillermo Arreaza-Rubin, USA and Francis J. Doyle, USA 	PARALLEL – NOVEL INSULIN ANALOGUES and ADD-ON THERAPIES IN T1D Chairs: Stephanie Amiel, UK	PARALLEL – ADVISORS Chairs: Andrew Bremer, USA and John Pickup, UK	PARALLEL INDUSTRY SYMPOSIUM <i>Industry session not included in main event CME/CPD credit</i>
	<u>Satish Garg</u> , USA - 18 Months Use of Closed-Loop at Home Study <u>Eyal Dassau</u> , USA - Implantable AP: Benefits and Challenges of IP- IP AP <u>David Maahs</u> , USA - Multiple Model Probabilistic Predictive Control: Is a Pre-Meal Bolus Necessary? <u>Francis Doyle III</u> , USA - Multi- Week Outpatient Studies with Adaptation	<u>Andrej Janež</u> , Slovenia - Add-On Therapies in Obese Pre-Diabetic Women with Polycystic Ovary Syndrome <u>Chantal Mathieu</u> , Belgium - New Insulins in Type 1 Diabetes: Getting Better All the Time? <u>Bruce Bode</u> , USA - The Use of SGLT-1 and SGLT-2 Inhibitors in Type 1 Diabetes <u>Thomas Danne</u> , Germany - GLT2 Inhibitors as Add-On Therapy in (Pediatric) Type 1 Diabetes		

Saturday, 18 February, 2017

Hall	Blue Amphitheater	Maillot Hall	Hall 252	Hall 251
	<p>PARALLEL- CONNECTED TOOLS: HOW CAN THEY HELP PATIENT DECISIONS ON INSULIN THERAPY? Chair: Lutz Heinemann, Germany</p>	<p>PARALLEL – SPORTS AND DIABETES Chairs: Bruce Bode, USA and Andrea Scaramuzza, Italy</p> 	<p>PRESENTATIONS OF START-UP COMPANIES Chair: Aaron Kowalski, USA and Matthias Borst, Germany</p>	<p>ORAL PRESENTATION SESSION 5 Chairs: Chantal Mathieu, Belgium and David Maahs, USA</p>
09:00-10:20	<p><u>David Kerr</u>, USA - Unified Platform for Diabetes Management <u>Guillaume Charpentier</u>, France - The DIABEO Platform <u>Marc Breton</u>, USA - Algorithm Development for Adjusting Therapy from Data Collected from Connected Tools in Patients Using CGM <u>Battelino Tadej</u>, Slovenia Algorithm Development for Adjusting Therapy from Data Collected from Connected Tools in Patients Using CGM, Insulin Pumps and SMBG</p>	<p><u>Michael Riddell</u>, Canada - Physiology and Drug Development for the Prevention of Exercise-Related Hypoglycemia <u>Natasa Bratina</u>, Slovenia - Closed Loop and Physical Activity - a DREAM or Already Reality? <u>Olga Kordonouri</u>, Germany - Continuous and Flash Glucose Monitoring in Youth with Type 1 Diabetes Hiking Gorges in Greece and Volcanoes in Island <u>Riccardo Schiaffini</u>, Italy CSII, CGM, and Scuba Diving in Pediatrics</p>	<p>Join this session to meet the 10 start-up finalists and unpack their ideas. Judged by ATTD's expert panel as the most exciting innovations from the largest number of entries we have ever had, this session is a must for the investor community and those with an eye out for the 'next big thing'.</p>	
10:20-10:50	Coffee Break, Exhibition, Posters and E-Posters			

	PARALLEL - DUAL-HORMONE CLOSED-LOOP: ISSUES AND EXPECTED BENEFITS Chair: Lutz Heinemann, Germany	PARALLEL - CYBERSECURITY OF MEDICAL DEVICES (DIABETES AND ARTIFICIAL PANCREAS) Chair: David Klonoff, USA and Eyal Dassau, USA		ORAL PRESENTATION SESSION 6 Chair: Shlomit Shalitin, Israel	ORAL PRESENTATION SESSION 7 Chair: Boris Kovatchev, USA
10:50-12:10	<p><u>Steve Russell</u>, USA - Automated Glycemic Regulation with a Bionic Pancreas Delivering Insulin and Glucagon: the Boston Approach</p> <p><u>Ahmad Haidar</u>, Canada - Automated Glycemic Regulation with a Dual-Hormone (Insulin and Glucagon) Artificial Pancreas: The Montreal Approach</p> <p><u>Stuart Weinzimer</u> - Amylin Plus Insulin</p> <p><u>Remi Rabasa-Lhoret</u>, Canada - Issues Related to Infusion of Glucagon or Amylin</p>	<p><u>David Klonoff</u>, USA - Introduction</p> <p><u>Eyal Dassau</u>, USA - The Internet of Things, Diabetes Management and Automated Insulin Management</p> <p><u>Harriet Goldman</u>, USA - Novel Approaches to Cyber Security</p> <p><u>Jay Radcliffe</u>, USA - Are We Going Too Fast? The Dangers of Connected Diabetic Devices Discussion</p>			
12:10-12:15	Short Break to Change Halls				
Hall	Maillot Hall				
12:15-13:45	PLENARY – THE EVOLVING FACE OF IMMUNOTHERAPY OF T1D Chairs: Jay Skyler, USA and Thomas Danne, Denmark				
	<p><u>Jay Skyler</u>, USA - Introduction</p> <p><u>Desmond Schatz</u> - Type 1 Diabetes Biological Heterogeneity: Why Does It Matter?</p> <p><u>Chantal Mathieu</u>, Belgium - Lactococcus as a Delivery System for Immunotherapy</p> <p><u>David Klatzmann</u>, France - Low Dose IL-2 as a Treg Stimulator in T1D and Beyond</p> <p><u>Mark Peakman</u>, UK - Antigen-Based Vaccine Therapy for T1D</p>				
13:45-13:50	CLOSING REMARKS AND FAREWELL – Moshe Phillip				
13:50-14:15	Farewell Refreshments in the Exhibition Area				