



## **21st ISPAD Science School for Physicians Report**

May 22 to May 26, 2022, in Prague (Czech Republic)

**The 21st Science School for Physicians 2022 took place in Prague, Czech Republic, during May 22-26, under the motto: “Paving the way for future diabetes research”, convened by Dr. Zdeněk Šumník and Dr. Lenka Petruželková.**

**The school offered to 21 delegates from 16 countries and 5 continents, including Europe, Australia, Africa, Asia, North America and Central America, the most updated presentations from the 14 faculty members during the intense 4-day scientific program along with three interactive workshops.**

**The faculty lectures covered topics delivered by world experts in areas such as type 1 diabetes prediction and prevention by Anette Ziegler. We looked deeper into pancreas with diabetes with Lars Krogvold and the key role of human gut microbiome and virus in the stool was explained by Ondrej Cinek. The discussion after this section was dominated by very hot topic “screen or not screen T1D”. Further, the "moving up" of newest diabetes technological devices were introduced by Roman Hovorka, Revital Nimri and Klemen Dovc. The possible technology way to the future was outlined by Lenka Petruzalkova and Milos Kozak with lectures about patient driven technology “Do-It-Yourself”. The insight on type 2 diabetes was presented by Carine de Beaufort and Zdenek Sumnik together with Torben Biester explained to us the importance and strategies how to start and keep the national register Cenda and international register Sweet. Sabine Hofer led great workshop how to write and review scientific article and Kate Gajewska remembered to us that our patients are not only hypers and hypos. A compelling lecture about Evolving therapeutic landscape for paediatric T1D was given by Sanjoy Dutta from JDRF and the “process” of making new medicine was described by Radim Brousil from Lilly. Finally, Maurizio Guidi and Emma Klatman from Lilly updated us on unbelievable project Life for a Child.**

***“They say that ISPAD Science School for Physicians is a life changing moment. I***

*would say that attending the ISPAD Science School for Physicians 2022 in Prague was definitely the most encouraging, mind changing moment of my life.”*

*Maja Raicevic, delegate from Montenegro*

Our delegates underwent two breakout sessions in which they had individualized time to present their research projects and care reports and receive constructive feedback from 5 incredible JENIOUS mentors Tiago Jeronimo, Agata Chobot, Claudia Piona, Torben Biester and Klemen Dovc who helped our delegates with research strategy, study design, biostatistics, survey design, sample size considerations, confounding and bias, and subgroup analysis over whole school. The delegates then had the opportunity to present their research plans and gripping clinical cases to the core faculty and to all of the delegates to receive tips how to reach good scientific results.

The attendees and faculty all benefited from the intensive week of collaboration and interactions and fantastic brainstorming, all involved in the beautiful Prague atmosphere. We thank the sponsors JDRF, Lilly and NovoNordisk for support and scientific contributions. Finally, the week proceeded virtually flawlessly due to the tireless efforts of administrative support from AMCA! THANKS!

On behalf of the local organizers, Zdeněk Šumník & Lenka Petruželková

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