



## **18th ISPAD Science School for Physicians Report**

September 30 to October 3, 2018, in Kanagawa (Japan)

**The ISPAD science school for physicians 2018 was held in Japan during the period of September 30- October 3, supported by the Japanese Society for Pediatric Endocrinology (JSPE), the Japan Diabetes Society (JDS) and Japan Association for Diabetes Education and Care. This science school was the second one held in Japan (the first one was held in Kyoto in 2012).**

**A total of 25 young physicians and researchers from 18 countries in 5 continents, including 3 physicians from Africa, 9 from Asia, 7 from Europe, 2 from Oceania, 3 from North America and 1 from South America, participated with a faculty of more than 20 experienced researchers in Shonan Village Center, located in Kanagawa, near Kamakura-city; one of Japan's ancient capitals. This science school was connected with the 52nd JSPE annual meeting held in Tokyo, and some participants also presented their studies at the JSPE meeting after the science school.**

**The week was filled with lecturers, case- and research presentations and discussions on virtually all aspects of diabetes. The lectures covered many different topics of type 1, type 2 and monogenic diabetes (MODY and neonatal diabetes), including genetics, pathophysiology, epidemiology and register studies, screening system, new treatment and technologies (CSII, CGM, closed loop systems and antidiabetic drugs), micro and macrovascular complications, diabetes camps, and statistics and bioinformatics - by local pediatric and internal experts and invited international members of ISPAD.**

**Prof. Tatsuhiko Urakami started with an opening lecture on "Type 2 Diabetes: Epidemiology and Screening". Prof. Carine de Beaufort, University of Luxemburg, Luxemburg, presented "How to Design a Study" and "Microbiome in Diabetes". Prof. Francesco Chiarelli, University of Chieti, Italy, presented "How to Present and Write a study" and "Diabetic Complications". Prof. Tadej Battelino, University of Ljubljana, Slovenia, presented "How to Apply a Successful Research" and "Type 1 Diabetes: Treatment Closed-loop system and new approaches". Prof. Aman Pulungan, University of Indonesia-RSCM, Jakarta, Indonesia, lectured on "Current status and activities at Developing Countries". Prof. Takashi Kadowaki, President of**

**the JDS, the University of Tokyo, finally lectured on “Pathogenesis/new insights in type 2 diabetes” as the special lecture. Other lectures were also greatly impressive and of interest.**

**Even more rewarding than the lectures from the faculty members, were the presentations given by the participating fellows. All of them presented their research projects in 10 minutes, followed by a 10-minute discussion. They also presented a 10-minute case story of particular interest, also followed by a discussion. The participants are all conducting exciting studies, and their presentations were very well prepared. The following discussions engaged all of the participants and provided an important experience.**

**The most important aspect of the science school is that it brings people together. Young researchers get to know each other, and they meet more experienced researchers. The latter are in turn inspired and influenced by the youthful enthusiasm and creativity, which will result in good research and treatment of childhood diabetes in future.**

**We thank the sponsors JDRF, Novo, Lilly, Medtronic for their special support.**

**On behalf of the local organizers, Tatsuhiko Urakami.**



