The 6th Hallym-Oulu –symposium

**Digital revolution in medicine: Fast internet, artificial intelligence and big data for personalized medicine**

18th Oct, 2018

Leena Palotie –auditorium, Medical Faculty Main Building

**Schedule in brief**

10:00 – 10:05  
Opening words

10:05 – 10:30  
*5G/6G telecommunication networks as enablers for medical ICT*

Adjunct professor **Matti Hämäläinen**, Center for Wireless Communications

10:30 – 10:55  
*Development and Clinical Application of Medical A.I.: Experiences from Hallym University Medical Center’*

Assistant Professor **Bum-Joo Cho**

10:55 – 11:20  
*Molecular subtyping of HNSCCs(Head and Neck Squamous Cell Carcinomas) and PTCs(Papillary Thyroid Carcinomas) using TCGA(The Cancer Genome Atlas) genomic data*

Associate Professor **Dong Jin Lee**

11:20 – 11:45  
*The serrated colorectal adenocarcinoma*

Professor **Markus Mäkinen**

11:45 – 12:10  
*Implementation of Watson for Genomics for NGS Data on Patients with Hematologic Malignancies*

Assistant Professor **Mi Young Kim**

Lunch

13:20 – 13:45  
*Factors Affecting Long-term Abstinence Rate: The Smoking Cessation Program of National Health Insurance Service*

Assistant Professor of Family Medicine **Young-Gyun Seo**

13:45 – 14:10  
*Ophthalmological aspects in the Northern Finland Birth Cohort 1966*

Associate Professor MD **Johanna Liinamaa**

14:10 – 14:35  
*Automatic Knee Osteoarthritis Diagnosis from Plain Radiographs: A Deep Learning-Based Approach*

Professor **Simo Saarakkala**

14:35 – 15:00  
*Predicting stroke outcomes based on the big-data in acute ischemic stroke: Linked data between Prospective Hospital-based Stroke Registry and Korean Administrative Claims Database*

Professor **Kyung-Ho Yu**

15:00 – 15:25  
*Design and Development of Health Behavior Change Support Systems*

Professor **Harri Oinas-Kukkonen**

15:25 – 15:45  
Discussion