

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