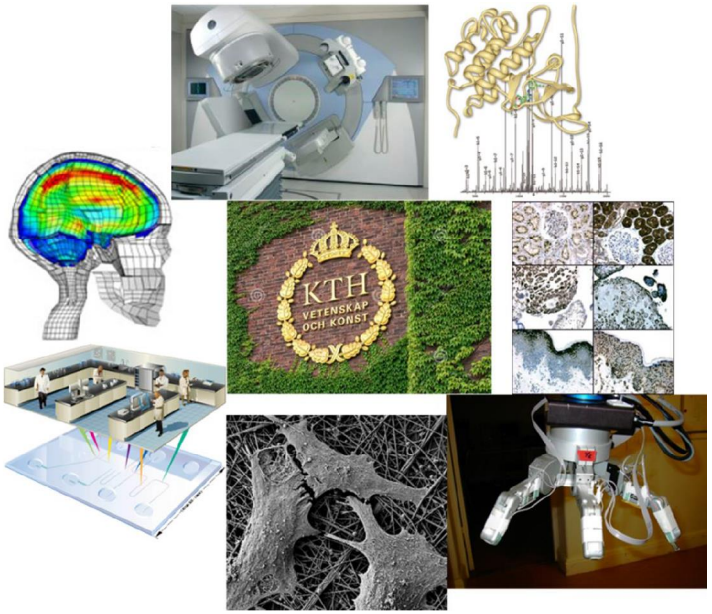
Frontiers in Life Science Technologies at KTH

Technologies for Personalized Medicine and Health



Time: 27th of November 2014, 12:00-20:00
Place: Oskar Klein Auditorium, Albanova Univ Center, Stockholm
Organizer: KTH Life Science Technology (LST) platform

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Technologies for Personalised Medicine and Health

Location: Oskar Klein Auditorium, Albanova Univ Center, KTH Stockholm

12:00-12:05	Welcome
12:05-12:50	**Koen Kas, CEO InBioVeritas** The end of sickcare as we know it
12:50-13:10	**Joakim Lundeberg, KTH/BIO** Towards massive single cell medicine
13:10-13:30	**Anna Finne-Wistrand, KTH/CHE** A tissue-like multifunctional 3D scaffold - Design and functionalization of resorbable matrices to adapt cell-material interactions
13:30-13:45	Break
13:45-14:05	**Mathias Uhlén, KTH/BIO** A global and genome-wide human protein atlas based on integration of omics approaches
14:05-14:25	**Danica Kragic, KTH/CSC** Robotics: the interplay between perception and action
14:25-14:45	**Anders Forsgren, KTH/SCI** Optimization of radiation therapy
14:45-15:15	Coffee Break
15:15-16:00	**Jeremy K Nicholson, Imperial College** Molecular phenotyping and systems medicine approaches in personalised medicine and public health
16:00-16:20	**Jan Andersson, Stockholm County Council** Stockholm County Council – an important partner for KTH in life science technology research (tentative title)
16:20-16:35	Break
16:35-16:55	**Hans von Holst, KTH/STH** Neuroengineering for clinical neurosurgery
16:55-17:15	**Anders Eriksson, KTH/SCI** Numerical simulations in human movement analysis
17:15-17:35	**Göran Stemme, KTH/EES** Miniaturization technologies for Lab-on-Chip diagnostics
17:35-17:55	**Kristina Groth, KTH/CSC** Mediated communication in a hospital context
17:55-18:00	Concluding remarks
18:00-20:00	**Poster session, mingle and buffet dinner**