



Building Bridges Autumn 2014

Personalized Health and Genomics in Clinical and Translational Research

November 20, 2014
Allergiatalo Congress Center (Paciuksenkatu 19)

The Building Bridges symposia series bridges clinical and basic/translational research showcasing teams of investigators working together to advance personalized medicine approaches. The 3rd Building Bridges symposium highlights how genomics is used to improve our understanding of health and disease. The stage is set by the current status and goals of genomics utility in the clinics. Then, with team talks from clinical and translational researchers, personalized genomics and public health in the areas of cardiovascular disease and cancer are explored. The symposium closes with a provocative look at where we go from here - public funding strategies, business landscape, and healthcare practices. All participants and speakers are invited to the Meet the Experts wine and cheese reception.

Program

8.30 Welcome from the organizers (*Nina Blom, VKTK/KLTO and Gretchen Repasky, FIMM*)

SESSION I: Setting the Stage (Chairs: Päivi Östling and Poojitha Ojamies, FIMM)

8.45 *Angela Brand (Director of European Center for Public Health Genomics, EU Network):*
 Current state of genomics usage in the clinic – advantages and challenges

9.15 Genomics in the clinic at the national level

SESSION II: Cardiac and Cardiovascular Diseases in Public Health (Chair: Samuli Ripatti (FIMM/Hjelt Institute))

9.45 Team talk 1: *Emmi Tikkanen and Elisabeth Widén (FIMM)*

10.30 Student/postdoc talk: *Ida Surakka (FIMM)*

10.45 COFFEE BREAK

11.00 Team talk 2: *Markku Nieminen (HUS) and Ari Haukkala (Social Sciences)*

11.45 Team talk 3

12.30 Student/postdoc talk: *Jaakko Leinonen (FIMM)*

12.45 LUNCH

SESSION III: Efforts toward Personalized Cancer Medicine (Chairs: Päivi Östling and Poojitha Ojamies, FIMM)

13.30 Team talk 4: *Pirjo Laakkonen (RPU)*

14.15 Student/postdoc talk: *Anni Laine (Turku Centre for Biotechnology)*

14.30 Team talk 5: *Steve Bova (UTA/BioMediTech) and David Wedge (Sanger Institute):*
 The evolutionary history of lethal prostate cancer

15.15 Student/postdoc talk

15.30 COFFEE BREAK

16.00 Team talk 6: *Muntasir Mamun Majumder (FIMM) and Raija Silvennoinen (Kuopio University Hospital)*

16.45 Student/postdoc talk: *David Tamborero (UPF):* In silico identification of cancer drivers

SESSION IV: Where do we go from here? (Chair: Gretchen Repasky, FIMM)

17.00 *Minna Hendolin (Director, Tekes Vitality of the People):* National health strategies and business landscape

17.30 *Closing keynote Jonathan Knowles (FIMM):* (How) Does this change health care?

18.00 Wine and cheese reception with speakers and Meet the Experts on Translational Techniques from core service units (open to all participants)

Organizers

Institute for Molecular Medicine Finland (FIMM), UH Doctoral Programme in Biomedicine (DPBM), UH Doctoral Programme in Clinical Research (KLTO), and The National Graduate School of Clinical Investigation (VKTK/CLIGS).

More information and registration at www.helisci.fi/hbgs-kurssit/BB-PHG2014/
Deadline for registration is November 9.

