



The Chromosome-Centric Human Proteome Project

7th C-HPP Consortium Workshop in Berlin in Conjunction with 2013 Proteomic Forum

•Organizers: Young-Ki Paik, György Marko-Varga and William S. Hancock

•Sponsored by Thermo Fisher Scientific and HUPO



•Date: 07:30-17:30, Sunday, March 17, 2013

•Venue: **Principal Investigator Council Meeting** (PI or Designated Representatives only)
at Seminaris CampusHotel (07:30-09:00)

Workshop

Henry Ford Bau, Freie Universität Berlin (09:30-17:30)
Garystr. 35, 14195 Berlin, Germany

•Theme: Genome-wide Multi-disciplinary Approaches for the Human Proteome
Characterization

•Goals: Setting the milestones for 10-year C-HPP journey

AGENDA*

07:30-09:00 **Principal Investigator Council (PIC) Meeting (Invited PIs only)**

Venue: Seminaris CampusHotel Berlin

(Walking distance to Henry Ford Bau, Freie Universität Berlin)
Takustraße 39 14195 Berlin, Germany

Tel: +49/30/5577970 Fax:+49/30/557797100

(Only EC members, PIs or their designates are being invited due to a limited reserved space)

Chair: Young-Ki Paik & William S. Hancock

Agenda (Details will be given to all PIs/EC members on the meeting site)

Matters related to the Leadership & Membership of the Consortium

Team organization (policy on the replacement of the consortium members)

Annual Report and Evaluation System

Designation of Global Resources Centers

Data sharing between teams (format, credits, deposit),

Channeling with ENCODE: guidelines, cell lines, and other resources, RNAseq services through the major providers (e.g., BGI etc.)
C-HPP scientific workshop plans during the Yokohama HUPO meeting (9/14-18)
New directions for the Genome-wide multidisciplinary platform for the C-HPP
Coordination with B/D-HPP teams to make synergistic outputs and more.
JPR Special Issue in Jan 2014 (Deadline: August 1, 2013)

[Move to Room KIII, Henry Ford Bau, Freie Universitat Berlin]

09:30-11:00

Plenary Session I (15 min each)

Venue: Room KIII, Henry Ford Bau, Freie Universität Berlin

Chair: William S. Hancock

Mike Snyder (Stanford Univ., Stanford, CA, USA):

Transcriptome and Proteome: RNA-seq and proteomic evidence for ENCODE project (non-coding RNA and ASVs-amino acid polymorphisms)

Ian Wilson (Imperial College of London, London, UK)

Large Scale Metabolic Phenotyping in a Systems Medicine World

Emma Lundberg (KTH Royal Institute of Technology, Stockholm, Sweden)

Update on the Human Protein Atlas

Ruedi Aebersold (Institute of Molecular Systems Biology, ETH Zurich, Switzerland)

Networking Proteomics

Plenary Session II (10 min each)

Chair: Gyorgy Marko-Varga

Juan Antonio Vizcaino (EBI, Honxton, UK)

ProteomeXchange: globally co-ordinated proteomics data submission and dissemination

Siqi Liu (Beijing, China)

BGI and support of C-HPP transcriptomic works

William S. Hancock (Boston, USA)

An approach to define the missing parts list for a chromosome and PTM characterization in an alternative spliced variant (sEGFR)

11:00-11:20

Discussion

11:20-11:35

Coffee Break (Sponsored by Thermo Fisher)

11:35-12:30

Working Group Session 1: C-HPP Bioinformatics

Chair: William S. Hancock

Part 1: C-HPP Web Browsers Update (10 min each)

Peter Horvatovich: C-HPP Wiki
Ping Xu: Caper, Chr 1,
Ed Nice (on behalf of Rob Goode): The Proteome Browser, TPB, Chr 7
Seul-Ki Jeong: GenomewidePDB, Chr 13
Andrey Lisitsa: Chromosome-Centric KB

12:30-13:30 Lunch (Sponsored by Thermo Fisher Scientific)

13:30-15:00 Part 2: General Data Management

*Implementation of the standard metrics for the HPP and C-HPP
Integrated DB for all teams; Data submission;
Informatics tools and resources for the C-HPP
Integration of PeptideAtlas and GPM protein identifications
Uploading individual lab data sets and compare with what is known
Integration of RNAseq data
Collaboration between ENCODE and C-HPP: How ENCODE datasets can
be integrated into our C-HPP work to produce more insightful meaning of
biological readouts?
SRM peptides*

15:30-15:50 Coffee Break/Refreshments (Sponsored by Thermo Fisher)

15:50-16:30 Working Group Session 2: Brief Progress Updates (7 min each)

Chair: Young-Ki Paik

Chr 5: Rainer Bischoff (The Netherlands)
Chr 6: Leonard Foster (on behalf of Paul Keown) (Canada)
Chr 9: Je-Yoel Cho (Korea)
Chr14: Jerome Garin (France)
Chr15: Gilberto B Domont (Brazil)
Chr18: Alexander Archakov (Russia)
Chr 19: Transcriptomic study. Carol Nilson (USA)
Mitochondria: Andrea Urbani (Italy)

16:30-17:20 Working Group Session 3: Resources & Bio-banks (10 min each)

Chair: Gyorgy Marko-Varga

*Bio-banks and its utilization, Cell Lines: Gyorgy Marko-Varga
Rare tissues (nasal epithelia): William S. Hancock
Antibody: Ed Nice, Emma Lundburg and Tadashi Yamamoto (Antibody
Ranker)*

17:20-17:30 Wrapping Up and Announcement

Young-Ki Paik, William S. Hancock and Gyogry Marko-Varga

-----**End of the C-HPP Workshop**-----