

Program

Day 1

February 23 (Monday)

9:30-9:35	Opening Remarks	Liam Baird
9:35-10:00	A Policy Perspective of the Tohoku Medical Megabank Project for restoration and reconstruction in the aftermath of the Great East Japan Earthquake	Tomohiko Arai
10:00-10:30	Introduction of Tohoku Medical Megabank Project	Masayuki Yamamoto
10:30-11:20	Keynote address Day 1 Envisioning the Tohoku Learning Health System	Charles Friedman

Panel 1: A New Health Infrastructure for the Tohoku Region

Teiji Tominaga*

11:20-12:10	Tohoku BioMedical Information Highway	Jun Nakaya
12:10-13:40	Lunch	

Panel 2: Information Infrastructure in the U.S. and Europe

Charles Friedman*

13:40-14:20	The Role of Standards in a Learning Health System	Rebecca Kush
14:20-15:00	Learning and applying knowledge within electronic health record systems, the European perspective.	Brendan Delaney
15:00-15:40	Cultivation of a Learning Health System	Mark E Frisse
15:40-16:05	Coffee Break	
16:05-16:15	Small Group Assignment	Charles Friedman
16:15-17:35	Small Group Meetings	
17:35-18:15	LAB TOUR	

*Chair

Program

Day 2

February 24 (Tuesday)

9:30-10:00 **Keynote Address Day 2**
Getting data out of HIS in a standardized way - Lab results, Prescriptions, Diagnoses in HL7, and Doctors' notes in clinical schema Michio Kimura

Panel 3: ToMMo details

Masayuki Yamamoto*

10:00-10:30 ToMMo Biobank System for Ensuring the Quality and Accuracy of Biospecimens Naoko Minegishi

10:30-11:00 One thousand Japanese Whole Genome Reference Panel and Bioinformatics in ToMMo Masao Nagasaki

11:00-11:30 Integrated database and knowledge base for genomic prospective cohort study in Tohoku Medical Megabank project Soichi Ogishima

11:30-12:00 Genome Medicine based on the ToMMo prospective genome cohort Shigeo Kure

12:00-13:30 Lunch

Panel 4:Genome cohorts

Jun Yasuda*

13:30-14:00 Disaster Experience and Disease Appearance in Japan Shinichi Kuriyama

14:00-14:40 LifeLines: a prospective 3-generation cohort study and biobank on Healthy Ageing in the general population Ronald Stolk

14:40-15:20 Whole-Genome Sequencing for Healthcare Management – A Taiwanese Perspective Shih-Feng Tsai

15:20-15:50 Coffee Break

15:50-17:20 Small Group Meetings

17:20-17:50 Reports from Groups

17:50-17:55 Closing Remarks Jun Yasuda

18:30-20:00 Social hour

*Chair

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Day 3

February 25 (Wednesday)

9:00-9:30 **Closing Keynote**
Healthcare Delivery 2015: how did we evolve to the present state, where is it going, and why? James Douglas Engel

Panel 5: Medical Informatics in Japan

Hiroshi Tanaka*

9:30-10:00 **Integration of genomic and phenomic information in medicine--- Big data approach for medical knowledge discovery---** Hiroshi Tanaka

10:00-10:30 **Medical and Health Informatics for Quality Care – Roles and Actions of Japan Association for Medical Informatics** Mihoko Okada

10:30-12:00 **Integrated closing discussions with whole people**

12:00-12:15 **Closing remarks and farewell** Charles Friedman and Masayuki Yamamoto

12:15-13:45 **Lunch (group discussion)**

*Chair