

Diagnostic data for dummies: The untapped potential of data re-use.

July 10 – 12, 2017. Erasmus University Rotterdam / Erasmus MC University Medical Center Rotterdam

**Program and list of faculty**

<b>Monday July 10 (day 1)</b>			
Time	Title	Teacher	Location
9.00 – 9.30	Registration and coffee		Erasmus MC Faculty building Ee15
9.30 – 10.00	Introduction: Data in healthcare, an overview	Peter van der Spek	
10.00 – 10.30	Big data for big decisions: Concepts & tools of analysis and visualization	Peter van der Spek	
10.30	Coffee break and short introduction by the participants		
11.00	The pharmaco-genetic passport	George Patrinos	
11.45	Health care cloud solutions	Nadia Anwar	
12.30	Lunch break		
13.30	Workshop Bring Your Own Data I	Peter van der Spek	
	InXight table lens		
	Tips & tricks for Excel	Andreas Kremer	
	Digging data: working with a given data set.		
16.30	Clinical data in immunology	Martin van Hagen	
17.00	'The immunological genome project' and text mining.	Paul Bradley	
17.30	Break		
18.00	Walking dinner		Natural History Museum
19.00	State-of-the-art Presentation techniques	Peter van der Spek	
20.00	Drinks		
20.30	Closure day 1		

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<b>Tuesday July 11 (day 2)</b>			
Time	Title	Teacher	Location
9.00	Omics, pathways and lifestyle: methods for clinical trial support.	Andreas Kremer	Erasmus MC Faculty building Ee15
9.45	The milieu interior project: data aggregation and knowledge integration.	Vassili Soumelis	
10.30	Coffee break		
11.00	Epidemiological data in dental care	Eppo Wolvius	
12.30	Lunch break		
13.30	Workshop Bring Your Own Data II	Peter van der Spek	
	Visibility into the unknown: easy to use interpretive visualizations	Christof Gaenzler	
	Understand complex data with IPA	Andre Koper	
	Digging data: working with your own data set.		
16.30	I-Space demo	Melek Rousian	
17.15	Break		
18.00	Dinner		Erasmus University Rotterdam – Faculty Club
19.00	Case: Gender bias and contribution in inherited genetic syndromes	Pietro Chiurazzi	
19.30	Case: Gender bias, sports and doping		
20.00	Drinks		
20.30	Closure day 2		

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<b>Wednesday July 12 (day 3)</b>			
Time	Title	Teacher	Location
9.00 – 13.00	Presentations and discussion on: Privacy, security and legal issues of data	Menno Israel (moderator)	Erasmus University Rotterdam – Faculty Club
9.00	Privacy respecting analysis	Wessel Kraaij	
9.45	FAIR data, privacy and ethical issues	Antoinette de Bont, Marlon Domingus	
10.30	Coffee break		
11.00	General Data Protection Regulation	Legal expert	
11.45	Securing health care data	Andy Swiebel	
12.30	Discussion	All speakers of today	
13.00	Lunch break		
14.00	Closure		

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**Faculty**

Peter van der Spek, PhD	Professor of Bioinformatics, Erasmus MC, Rotterdam, the Netherlands
Martin van Hagen, MD, PhD	Professor of Immunology, Erasmus MC, Rotterdam, the Netherlands
Eppo Wolvius, MD, PhD	Professor of Oral & Maxillofacial Surgery, Erasmus MC, Rotterdam, the Netherlands
Antoinette de Bont, PhD	Associate professor of Health Care Governance, Erasmus University Rotterdam, NL
Andreas Kremer, PhD	Managing Director, ITTM solutions, Luxemburg, Luxemburg
Vassili Soumelis, MD, PhD	Researcher Immunology, l'Institute Curie, Paris, France
Pietro Chiurazzi, MD, PhD	Researcher in Medical Genetics, Catholic University and Gemelli Hospital, Rome, Italy
Melek Rousian, PhD	Post-Doc researcher Prenatal medicine, Erasmus MC, Rotterdam, the Netherlands
Wessel Kraaij, PhD	Professor of Applied Data Analytics, Leiden University, Leiden, the Netherlands
George Patrinos, PhD	Associate Professor of Pharmacogenomics, University of Patras, Patras, Greece
Nadia Anwar, PhD	Bioinformatics Expert, Oracle, London, UK
Andre Koper, PhD	Senior Field Application Scientist, Qiagen, Hilden, Germany
Christof Gaenzler, PhD	Expert Scientific Analytics, PerkinElmer, US
Gerben Edelijn	CEO, Thales, NWO-ICT, the Netherlands