

Genetic Moderation of Intervention Efficacy



Jacobs Foundation Conference 2013

Schloss Marbach

24 – 26 April 2013

Wednesday, April 24, 2013

Part I: Introduction

17.00

Welcoming Remarks

17.30-19.30

Models of Environmental Action, Markers of Environmental Susceptibility and Implications for Intervention

Jay Belsky

Marinus Van IJzendoorn

Opening Discussion: what do we expect from this conference?

19.30 Apéro (Cocktail Reception)

20.00 Dinner

Thursday, April 25, 2013

Part II: Candidate-Gene Moderation of Intervention Efficacy

9.00 – 11.00

Dopamine-system candidate genes and related interventions: empirical evidence, related genotypes, and mechanisms

Marian Bakermans-Kranenburg

Richard Ebstein

Discussants: Yair Bar-Haim, Maja Dekovic

11.00 – 11.30 Coffee Break

11.30 – 13.30

Serotonin-system candidate genes and related interventions: empirical evidence, related genotypes, and mechanisms

Klaus-Peter Lesch

Thalia Eley

Discussants: Alan Stein, Harrington Cleveland

13.30 – 15.00 Lunch

Part III: Beyond Singular Candidate Genes

15.00 – 16.30

Gene subsystem approaches and multi-gene approaches to intervention

Yulyia Nikolova (filling in for Ahmad Hariri)

Gene Brody

Discussant: Ken Dodge

16.30 – 17.00 Coffee Break

17.00 to 18.30

Flash Talk Session with Young Scholars

Dustin Albert, Galena Rhoades, Idan Shalev, Renske Huffmeijer, Sabine Stoltz, Michael Pluess

19.30 Dinner

Friday, April 26, 2013

Part IV: Epigenetic Influences on GxE

9.00 – 11.00

Epigenetics of susceptibility to context: what can we learn from rodents and rhesus monkeys?

Michael Meaney

Steve Suomi

Discussants: Steve Beach, Judith Homborg, Marco Del Giudice

11.00 – 11.30 Coffee Break

11.30 – 13.00

Flash Talk Session with Young Scholars

Gabriel Schlomer, Olga Rivero, Kathryn Lester, Larissa Duncan, Ralph Rippe, Viara Mileva-Seitz

13.00 – 14.30 Lunch

Part V: From Science to Practice

14.30 – 15.30

Ethical and Policy Issues of Applying Genetic Differential Susceptibility

J. Lawrence Aber

Discussants: Howard Markman, Stephen Scott, Luc Goossens

15.30 - 17:30

Final Discussion: Where to go from here? What could be follow-up activities?

19:00 Apéro

19.30 Barbecue Dinner