

Discovering the Developing Infant Brain

Saturday 4 March 2017 | 13:00–14:00

Graanbeurszaal Room | Beurs van Berlage

Amsterdam, The Netherlands

SYMPOSIUM OVERVIEW

The symposium, *Discovering the Developing Infant Brain* will focus on (i) recent efforts and advances in employing neuroimaging technics in studying pediatric brain development with an emphasis on the US National Institute of Health (NIH)-funded Baby Connectome Project (BCP), and (ii) recent scientific discoveries related to adequate nutrition for the developing brain. *The Baby Connectome Project (BCP): A Window into Early Brain Structural and Functional Development in the First Five Years of Life* will share current magnetic resonance imaging (MRI) approaches in brain mapping. The development of the BCP as part of the NIH Brain Initiative will also be shared along with the study objectives, design, and approaches. *Optimum Nutrition for the Developing Brain* will focus on adequate nutrition and stimulation during the first 1000 days of brain development, including the impact of DHA on attention levels at school age and the importance of nutrient synergy (e.g., DHA, lutein, and choline). Through a set of lectures followed by a question-and-answer session, participants will have the opportunity to interact with renowned researchers while gaining a better understanding of infant and child brain development.

LEARNING OBJECTIVES

- Understand the basics of MRI and its application in studying brain development in pediatrics population
- Gain knowledge of the BCP and recognize opportunities to leverage BCP to inform research projects and clinical practice
- Discuss the latest findings about adequate nutrition and stimulation for brain development, including the potential impact of nutrient synergy

FACULTY

A Window into Early Brain Structural and Functional Development During the First Five Years of Life

Weili Lin, PhD

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Dixie Lee Boney Soo Distinguished Professor
of Neurological Medicine
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Radiology
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Optimum Nutrition for the Developing Brain

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