

71<sup>st</sup> NNIW  
Vienna/Austria  
October 2011



71<sup>st</sup> Nestlé Nutrition Institute Workshop  
Pediatric Program

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# Recent Advances in Growth Research: Nutritional, Molecular and Endocrine Perspectives

Vienna, Austria | 23–26 October, 2011

Chairpersons:

Professor Matthew Gillman, United States

Professor Sir Peter Gluckman, FRS, New Zealand

Professor Ron Rosenfeld, United States



# Table of Contents

General Information	04
Scientific Program	07
<b>Monday, October 24, 2011</b>	
Session I:	
Drivers of growth	08
<b>Tuesday, October 25, 2011</b>	
Session II:	
Secular trends in growth	10
<b>Wednesday, October 26, 2011</b>	
Session III:	
What is healthy growth?	11
Nestlé Nutrition Institute Organization	13
Chairpersons and Speakers	14
Discussants	17
Attendees	18

## General Information

### Workshop Venue & Hotel Accommodation

Vienna Marriott Hotel  
Parkring 12 a, 1010 Vienna  
Austria

Telephone	+43 15 15 18-0
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Mail	andrea.berginc@marriott-hotels.com
Website	www.marriott.de/hotels/travel/vieat-vienna-marriott-hotel

Check-in 23 October 2011  
Check-out 26/27 October 2011

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### Transportation

Round trip ground transportation from Vienna Airport to Vienna Marriott Hotel will be arranged by a local service of Nestlé Nutrition Institute. To welcome you to Vienna, a representative holding a Nestlé sign will be waiting for you next to the baggage claim and will accompany you through customs to the waiting car. For those of you arriving by train, your pick-up will be waiting at the train-station. At the end of the workshop participants will be informed individually of their departure time from the hotel to the airport.

## Entry Requirements

Please contact the German Embassy or Consulate in your country to determine entry visa requirements and conditions.

## Registration

Please check-in at the hotel desk.

A special workshop registration desk for participants will be set up in the lobby to pick up name tags and workshop sets. It will be open on October 22 from 15:00–19:00, on October 23 from 08:00–19:00.

Outside these hours, please pick up your workshop set at the secretariat room.

## Secretariat

The Secretariat room (Palais Sachsen-Coburg 6 ) is located on the 1st Floor besides the Parkring Restaurant. It is open on October 23 from 09:00–19:00 and on 24–26 October from 08:00–18:00.

Nestlé personnel will be pleased to offer you any assistance that might be required.

## Secretarial services:

- Reconfirmation of Transport Reservations
- Copying Service
- Facsimile Service
- E-mail & Internet Service

Please inform us of your return flight times at the Secretariat no later than Tuesday, October 25, 2011.

## Language

The official language of the workshop is English.

## Speakers' Presentations

Speakers are requested to hand in their clearly marked presentations on CD-ROM or USB-memory stick to the Secretariat on arrival (or at the latest 2 hours before the start of the session).

## Expenses

Nestlé will cover the following expenses:

- Accommodation for 4 nights (from October 23 until 27, 2011)
- All group meals (From October 23 evening until October 27, 2011 breakfast)
- Transportation from and to the airport/railway station.

Participants are expected to pay all telephone calls, mailing of documents, minibar, laundry, additional meals and beverages and any other personal services to the Hotel upon checkout. Extended hotel stay for personal reasons is at the participant's expense.

## Currency

The official currency in Austria is the Euro

1 USD = approx. 0.74 Euro

1 Euro = approx. 1.35 USD

Credit cards: Visa and Master Cards are generally accepted.

## Electricity Supply

230 volts

## Climate & Clothing

Temperature in October in Vienna generally varies between 10 °C –14 °C during day time and 7 °C –10 °C in the evening. Smart casual attire will be appropriate for all workshop sessions. Smart casual attire is also applicable for the Welcome Reception and for all dinners. Comfortable closed shoes (walking shoes) are encouraged for the outdoor activity.

## Scientific Program

### Recent Advances in Growth Research: Nutritional, Molecular and Endocrine Perspectives

Chairpersons Prof. Matthew Gillman, United States  
Prof. Sir Peter Gluckman, FRS, New Zealand  
Prof. Ron Rosenfeld, United States

### Sunday, October 23, 2011

Arrival at Vienna Marriott Hotel

19:00–22:00 Welcome Reception,  
Restaurant Palais Sachsen-Coburg I–III/Foyer II  
Opening words by Dr. Mike Poßner, MD, Germany  
Medical Director Europe

## Monday, October 24, 2011

08:30 Opening ceremony and introductory remarks  
Prof. Ferdinand Haschke, MD, PhD, Switzerland  
Head of Nestlé Nutrition Institute

### **Session I: Drivers of growth**

**Chair:** Sir Peter Gluckman, FRS, New Zealand

**Discussant:** Adrian Clark, United Kingdom

08:45 Nutrition: early influences of nutrition on fetal growth  
*Maria Makrides, Australia*

09:15 Discussion

09:45 Nutrition: early influences of nutrition on postnatal growth  
*Berthold Koletzko, Germany*

10:15 Discussion

10:45 Break and Group Photo

11:30 Genomwide association studies  
*Mike Weedon, United Kingdom*

12:00 Discussion

12:30 Lunch

## Monday, October 24, 2011

**Discussant:** Christos Mantzoros, United States

14:00 Gene approach, IGF-1 linear growth axes.  
What do we know?  
*Vivian Hwa, United States*

14:30 Discussion

15:00 Non-imprinted epigenetics in fetal and postnatal growth  
development  
*Keith Godfrey, United Kingdom*

15:30 Discussion

16:00 Break

16:30 Epigenetics of fetal and infant growth  
*Irene Netchine, France*

17:00 Discussion

17:30 **Summary of session I**  
***Sir Peter Gluckman, FRS, New Zealand***

17:45 End

Tuesday, October 25, 2011

**Session II: Secular trends in growth**

Chair: Ron Rosenfeld, United States

Discussant: Peter Ellisson, United States

- 08:00 Evolutionary and life history changes  
*Sir Peter Gluckman, FRS, New Zealand*
- 08:30 Discussion
- 09:00 Secular changes in infancy  
*Emily Oken, United States*
- 09:30 Discussion
- 10:00 Break
- 10:30 Secular changes in childhood, puberty and adult stature  
*Barry Bogin, United Kingdom*
- 11:00 Discussion
- Discussant: Linda S. Adair, United States
- 11:30 Economics drivers and consequences of stunting  
*Harold Alderman, United States*
- 12:00 Discussion and closing of the 2<sup>nd</sup> day
- 12:30 Lunch
- 14:00 Scientific outdoor event

Wednesday, October 26, 2011

**Session II: Secular trends in growth (continued)**

Chair: Ron Rosenfeld, United States

Discussant: Linda S. Adair, United States

- 08:00 Epidemiological transitions – Demographic changes, migration and the effects of the development of obesity and disease in the developing world  
*Terrence Forrester, Jamaica*
- 08:30 Discussion
- 09:00 Summary of session II  
*Ron Rosenfeld, United States*
- 09:15 Break

**Session III: What is healthy growth?**

Chair: Matthew Gillman, United States

Discussant: Catherine Law, United Kingdom

- 09:45 State of the art of growth standards  
*Lawrence Weaver, United Kingdom*
- 10:15 Discussion
- 10:45 What are the trade offs in the developed world?  
*Matthew Gillman, United States*
- 11:15 Discussion

Wednesday, October 26, 2011

### Session III: What is healthy growth? (continued)

**Chair:** Matthew Gillman, United States

**Discussant:** Aryeh D. Stein, United States

- 11:45 The relationship between childhood growth and later outcomes  
*Alexandre Archanjo Ferraro, Brazil*
- 12:15 Discussion
- 12:45 Lunch
- 14:00 Public policy implications of promoting growth  
(developing vs. developed world)  
*Paul Wise, United States*
- 14:30 Discussion
- 15:00 Break
- 15:30 Pharmacological interventions to short stature: Pros and Cons  
*Ron Rosenfeld, United States*
- 16:00 Discussion
- 16:30 **Summary of session III**  
*Matthew Gillman, United States*
- 16:45 **Closing**
- 17:00 End of Scientific program

Thursday, October 27, 2011

Breakfast starting from 06:30 until 10:30

Departure  
Transfer to Airport/Railway station  
(individual arrangement depending on departure time).

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