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Recent scientific progress
on human milk and its use
for preterm infants

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Avec le soutien de :



Symposium 5

Recent scientific progress on human milk and its use for preterm infants

Human milk is given as a golden standard by neonatologists, recommended for term as well as for preterm babies (with optional protein and mineral fortification). The nutritional composition of human milk is complex and not well known (except for the macronutrients). The epidemiological studies have proven some benefits of human milk on growth and health of neonates (i.e. decreasing lower and upper respiratory infections); however other benefits remain controversial and continue to be discussed by scientists (i.e. improvement of Developmental Quotient at age 2 yrs, reduction in diabetes and obesity in adulthood...). Trying to determine a scientific link between some of these findings and the micronutrient composition is challenging – this symposium will provide an opportunity to present an update on progress.

8:15 am : Opening of registration

8:45 am : Welcome

9:00 am :
Introduction

Prof. Guido Moro - Milan (IT)

9:30 am :
Human milk and acquisition of immunity

Prof. Jean-Paul Langhendries - Liège (BE)

10:00 am :
Microbiology of human milk and bacterial colonization of the infant gut

Prof. Juan-Miguel Rodriguez - Madrid (ES)

10:30 am : Coffee break

11:00 am :
Mother diet, breast milk and fatty acid patterns early after premature birth

Prof. Birgitta Strandvik - Göteborg (SE)

11:30 am :

Variations in the nutritional composition of human milk in a Swedish cohort and optimization of early diets.

Prof. Staffan Polberger - Lund (SE)

12:00 am : Discussion

12:15 am : Lunch break – Visit of posters and exhibits

1:45 pm :

Clinical benefits of human milk in preterm infants

Prof. Jean-Christophe Rozé - Nantes (FR)

2:15 pm :

Is there a real protective effect of breastfeeding against obesity in childhood?

Dr. Stephan Arenz - Berne (CH)

2:45 pm :

Acceptation of novel dietary flavours by infants after exposure to flavour in mother's milk

Dr. Sophie Nicklaus - Dijon (FR)

3:15 am : Coffee break

3:45 pm :

Scientific approaches for studying milk protein allergy

Dr Cyril Hoarau – Tours (FR)

4:15 pm :

Sociologic aspects of human milk and of breastfeeding

Dr Gervaise Debucquet - Nantes (FR)

4:45 pm : Discussion and conclusion

5:00 pm : Round table (Nantes University) (in French)

6:30 pm : Cocktail (Nantes University)