
SCIENTIFIC PROGRAMME

FRIDAY 3rd FEBRUARY

14.15-14.30 MEETING OPENS & INTRODUCTIONS

Ramesh Potdar, Caroline Fall

SESSION 1 14.15-17.45 Chairman: P Raghupathy

MATERNAL NUTRITION

14.30-15.05 (25+10) Ramesh Potdar, Sirazul Ameen Sahariah

The Mumbai Maternal Nutrition Project – Project Saras

15.05-15.20 (10+5) David Osrin

Antenatal multiple micronutrient supplementation, birth weight, and infant survival in Nepal

15.20-15.30 (5+5) Barrie Margetts

Systematic review of the impact of multiple micronutrient supplements during pregnancy on nutritional status and pregnancy outcome

15.30-15.45 (10+5) Sadhana Joshi

Effect of maternal ALA supplementation at marginal protein levels on blood and brain fatty acid profile in offspring

15.45-16.15 TEA

16.15-16.30 (10+5) Suhas Otiv

Maternal body water estimation by bioelectrical impedance in pregnancy

16.30-16.45 (10+5) David Fisher

Principal component and conditional independence analyses applied to a study of maternal micronutrient status and insulin resistance in the offspring; Pune Maternal Nutrition Study

16.45-17.00 (10+5) SS Naik
Plasma vitamin B-12 and homocysteine levels in non-pregnant Indian women

17.00-17.25 (15+10) Peter Gluckman
Is the developmental induction of long-term consequences reversible after birth?

17.25-17.50 (15+10) Mark Hanson
Advances in our understanding of the mechanisms underlying the DOHaD phenomenon

Evening Social Programme :

Dinner & DJ at Sai-Inn Holiday Resort

SATURDAY 4th FEBRUARY

SESSION 2 09.00-10.30 Chairman: Santosh Bhargava

PHYSICAL ACTIVITY AND BODY COMPOSITION

09.00-09.15 (10+5) Vaishali Madkaikar
Follow up Studies in Pune Urban Children's Cohort; Physical and Sedentary Activities in Adolescents

09.15-09.40 (15+10) Sheila Bhave
Prevention of lifestyle-related disorders in school children; Proposed study at Symbiosis School, Pune; Implementation, problems and solutions

09.40-09.55 (10+5) B Antonisamy
Physical activity and cardiovascular risk factors in young adults

09.55-10.10 (10+10) GV Krishnaveni
Physical activity monitoring using accelerometers in Indian children; implications for future plans

10.10-10.40 (20+10) Cyrus Cooper
Guest speaker
Developmental origins of osteoporotic fracture; the role of maternal vitamin D insufficiency

10.40-11.00 COFFEE

SATURDAY 4th FEBRUARY

SESSION 3 11.10-12.45 Chairman: Caroline Fall

DOHaD STUDIES IN BIRTH COHORTS

11.00-11.15 (10+5) Harshpal Singh Sachdev
BMI charts for screening for childhood growth associated with adult metabolic disease

11.15-11.30 (10+5) Santosh Bhargava
Update on the New Delhi Study and future plans

11.30-11.45 (10+5) Johan Eriksson
New data from the Helsinki birth cohort studies

11.45-12.05 (10+10) Ashish Bavdekar
Metabolic Syndrome in the Pune Urban Cohort; 4 years, 8 years and the proposed follow-up study at 20 years

12.05-12.20 (10+5) Shobha Rao
Association of stunting with high blood pressure levels among adolescent boys from different socio-economic classes

12.20-12.35 (10+5) Bela Shah
Cardiovascular disease surveillance across India

12.35-12.55 (15+5) Michael Sargent
Life statistics, anthropometry and history

13.00-14.15 LUNCH

FOR SNEHA MEMBERS: ANNUAL GENERAL MEETING

**AFTERNOON SIGHT-SEEING (Time 3.30 p.m.) To Birla Temple, Salav
followed by beach party with Dinner
at Dr. Dhamankar's Bungalow, Akshi Beach.**

SUNDAY 5th FEBRUARY

SESSION 4 09.00 to 10.30 Chairman: Chittaranjan Yajnik

GESTATIONAL DIABETES

- 09.00-09.30 (20+10) Patrick Catalano**
Guest Speaker
Short-term and long-term implications for the offspring of women with gestational diabetes
- 09.30-09.45 (10+5) Smita Kulkarni**
Determinants of maternal hyperglycaemia 6 years after delivery; Pune Maternal Nutrition Study
- 09.45-10.00 (10+5) GV Krishnaveni**
Gestational diabetes and the prevalence of diabetes 5 years after the index pregnancy in south Indian women
- 10.00-10.15 (10+5) Sudha Sane**
Effects of Intrauterine Growth Retardation on the development of beta cells and other pancreatic endocrine cells; an autopsy study of human neonates
- 10.15-10.30 (10+5) Himangi Lubree**
Adiponectin and leptin concentrations in cord blood; a spectrum of adipocyte function in Indian and white caucasian newborns
- 10.30-11.15 COFFEE AND POSTER SESSION led by Mark Hanson**

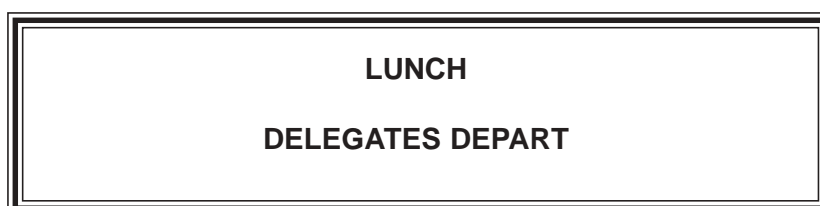
SESSION 5 11.15 to 12.30 Chairman: Anand Pandit

STRATEGY

11.15-11.40 (10+15) Mekhala Krishnamurthy
Building human capacity in India: the role of biomedical and social science research

11.40-12.30 Open discussion led by Sneha President, Anand Pandit
Is Sneha achieving what we want it to?

12.30 END OF SCIENTIFIC MEETING



POSTER SESSION

SUNDAY 5th FEBRUARY 10.30-11.15 Chairman: Mark Hanson

Presenters will be asked to speak for 2 minutes on their poster, followed by 3 minutes for questions

Anjali Ganpule

Maternal intake of calcium rich foods and circulating micronutrient status during pregnancy predict bone measurements of the offspring; the Pune Maternal Nutrition Study

Charu Joglekar

Maternal nutrition and paternal size affects age at adiposity rebound; The Pune Maternal Nutrition Study

Anita Khalil

Endothelial function; childhood origins, genetic regulation and natural history

GV Krishnaveni

Anthropometry and Glucose/Insulin Concentrations in Indian Children; relationships to maternal gestational diabetes

G Priya

Socio-economic status and cardiovascular risk factors in young adults

Shalini Umranikar

Abdominal fat distribution and insulin resistance in Indian men

SR Veena

Relationships of maternal and paternal birth size to cardiovascular disease risk in the adult offspring; an intergenerational study

INDEX

Friday 3rd February

1.	From MMNP to Project SARAS – Lessons learnt	1
2.	The Mumbai Maternal Nutrition Project – Project Saras	3
3.	Antenatal multiple micronutrient supplementation, birth weight, and infant survival in Nepal	4
4.	Effect of maternal ALA supplementation at marginal protein levels on blood and brain fatty acid profile in offspring	5
5.	Maternal body water estimation by bioelectrical impedance in pregnancy	6
6.	Principal component and conditional independence analyses applied to a study of maternal micronutrient status and insulin resistance in the offspring (The Maternal Nutrition Study)	7
7.	Plasma vitamin B-12 and homocysteine levels in non-pregnant Indian women	8

Saturday 4th February

8.	Follow up Studies in Pune Urban Children’s Cohort; Physical and Sedentary Activities in Adolescents	9
9.	Prevention of lifestyle-related disorders in school children; Proposed study at Symbiosis School, Pune; Implementation, problems and solutions	11
10.	Physical activity and cardiovascular risk factors in young adults	13
11.	Physical activity monitoring using accelerometers in Indian children; implications for future plans	15
12.	Developmental origins of osteoporotic fracture; the role of maternal vitamin D insufficiency	17
13.	BMI charts for screening for childhood growth associated with adult metabolic disease	18
14.	Type 2 diabetes and early growth - lessons learned from Helsinki Birth Cohort Study	20
15.	Metabolic Syndrome in the Pune Urban Cohort; 4 years, 8 years and the proposed follow-up study at 20 years	21
16.	Association of stunting with high blood pressure levels among adolescent boys from different socio-economic classes	23
17.	Life statistics, anthropometry and history	24

Sunday 5th February

- | | | |
|-----|--|----|
| 18. | Short-term and long-term implications for the offspring of women with gestational diabetes | 25 |
| 19. | Determinants of maternal hyperglycaemia 6 years after delivery; Pune Maternal Nutrition Study | 26 |
| 20. | Gestational diabetes and the prevalence of diabetes 5 years after the index pregnancy in south Indian women | 28 |
| 21. | Effects of Intrauterine Growth Retardation on the development of beta cells and other pancreatic endocrine cells; an autopsy study of human neonates | 29 |
| 22. | Adiponectin and leptin concentrations in cord blood; a spectrum of adipocyte function in Indian and white caucasian newborns | 30 |
| 23. | Building human capacity in India: the role of biomedical and social science research | 31 |

POSTERS

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|-----|---|----|
| 24. | Maternal intake of calcium rich foods and circulating micronutrient status during pregnancy predict bone measurements of the offspring; the Pune Maternal Nutrition Study | 33 |
| 25. | Maternal nutrition and paternal size affects age at adiposity rebound; The Pune Maternal Nutrition Study | 35 |
| 26. | Endothelial function; childhood origins, genetic regulation and natural history | 36 |
| 27. | Anthropometry and Glucose/Insulin Concentrations in Indian Children; relationships to maternal gestational diabetes | 37 |
| 28. | Socio-economic status and cardiovascular risk factors in young adults | 38 |
| 29. | Abdominal fat distribution and insulin resistance in Indian men | 39 |
| 30. | Relationships of maternal and paternal birth size to cardiovascular disease risk in the adult offspring; an intergenerational study | 41 |



Speaker-Author Index

<i>Name</i>	<i>Page No.</i>
Antonisamy B	13
Bavdekar A	21
Bhave S	11
Catalano PM	25
Cooper C	17
Fisher DJ	7
Johan G Eriksson	20
Joshi S,	5
Krishnamurthy M	31
Krishnaveni GV	15
Krishnaveni GV	28
Kulkarni SR	26
Lubree HG	30
Madkaikar V	9
Naik SS	8
Osrin D	4
Otiv SR	6
Potdar RD	1
Rao S	23
Sachdev HPS	18
Sahariah SA	3
Sane S	29
Sargent MG	24

**12th Annual Sneha-India/MRC
International Workshop**

**Developmental Origins of
Adult Health and Disease
(DOHaD)**

3rd-5th February 2006

Sai Inn, Alibaug

Welcome to the 12th Annual International Workshop of **SNEHA !**

These workshops are a yearly feature since september 1994 till today with three World Congresses interspersed in between in 2001 (Mumbai), 2003 (Brighton,UK) and 2005 (Toronto,Canada).

It is obvious that the DOHaD fever is fast becoming an endemic and even skeptics are turning into followers very fast. Professor David Barker's hypothesis has come a long way and constant deliberations of scientists will continue to make it fine tuned to be put into practice to the benefit of the world at large.

SNEHA , the group who is the first organized group devoted only to DOHaD research in India is proud to be a pioneer in this ongoing activity.

We are meeting in Alibaug, the capital town of District Raigad in Maharashtra state which is situated in the western region of India. Actually we will be in the Sylvan surroundings about 7 kms from the main city and will be able to deliberate without any noise (except the constant drone of generator unavoidable due to loadshedding of 12 hours in the rural parts of the state)

As usual a scientific fare under direct supervision and control of Dr.Caroline Fall and social fare organized by Priyadarshini the SNEHA co ordinator will definitely add value to your trip (without any VAT being charged!)

On behalf of the Mumbai group we take a hearty pleasure in offering our felicitations to Prof.David Barker who has been bestowed the highest British title of C B E and wish him that very soon he becomes Lord Barker thanks to his ever expanding contribution to making "Barkerology" a new science by itself. Alas ! we cannot do this personally since we will be missing him due to his priority work in USA. More than him (I must confess) we will miss Jan Barker since she is an electrifying influence and her live wire presence always enlightens SNEHA meetings.She is actually a **जान** (life force in Hindi) of any meeting she attends.

We have great pleasure in congratulating Dr.Caroline Fall for being elected Secretary General of DOHaD executive.We are sure that with her perfectionist personality combined with high (and frequent) flying capabilities, organizational skills and scientific depth she will take DOHaD to greater heights.

We welcome Dr Patrick Catalano, Chair, Department of Obstetrics and Gynecology Metro Health Medical Center, and Professor of Reproductive Biology, Case Western Reserve University as a special guest along with his colleague Dr. Sylvie Hauguel-de Mouzon coming for the first time to India and SNEHA meeting.

We also welcome, from Southampton, Prof. Cyrus Cooper who has succeeded Prof. Barker as Director of MRC Epidemiology Unit and Prof. Mark Hanson, Director of DOHaD Centre. Finally a warm welcome to honorary SNEHA members, Prof. Peter Gluckman (from Auckland, President of DOHaD), Prof. Johan Eriksson (from Helsinki) and Dr. David Osrin (from London, Nepal, Mumbai).

Happy New Year and Happy Alibauging!

Dr. Ramesh D. Potdar, Hon.Secretary, SNEHA on behalf of Mumbai Group.