
**Neuroscience, epigenetics, maternal nutrition, HIV and its origin in Africa.**

Speakers arrive London Saturday 21st October and reside at the Novartis Foundation, 41 Portland Place, “Saturday, 21st October, Welcome at 36 Regent’s Park Road 7.00 to 10.00pm

**Sunday 22nd October 2.00- 6.00 pm Afternoon at the Novartis Foundation Meeting Room.**

Introduction by Dr. Letten F. Saugstad (Letten F. Saugstad Foundation, Oslo, Norway) *The purpose is to highlight the role of specific nutrients for prenatal and early post natal brain development, relevance to modern psychiatry and the application to the problems of malnutrition and HIV in Africa*

Professor Michael A Crawford (Mother and Child Foundation, London UK). *The neglect of the pivotal role of the mother is a key factor in the Lancet’s editorial titled “The catastrophic Failures of Public Health” in Public Health”*. However, the failures are not just in the UK but can be seen in developing countries with the ever present malnutrition which saps intellectual strength before birth, and the export from the West of non-communicable disease which is preventable.

Dr. M Greg-Cole (Greater Los Angeles Healthcare System, Veterans Administration Medical Center) *Neurodegenerative disorders: Epidemiological, human and experimental data implicate modern dietary deficits of essential omega 3 fatty is a dietary risk factor for Alzheimer’s disease.*

Dr. Stephen Cunnane (Centre for Neurodegenerative Disorders), Sherbrooke University, Canada.

---


---
The mother and child conference
Day 2 at the Royal Society, London, UK.
9.15 am – 6.00 pm, 23rd October 2006

PIVOTAL ROLE OF THE MOTHER AND CHILD


Dr. F Gomez-Pinilla. The intrauterine environment has the capacity to mould the prenatal nervous system. - Dietary omega-3 fatty acids, reduce oxidative damage, and counteract learning disability.

Dr Pierre-Marie Lledo. Wider implications of olfaction receptor genes and neurogenesis affected by omega 3 nutrition of the mother.

Coffee and tea.

Dr. Tom Brenna (Cornell University, Ithica, USA) Neuroscience: Nutritional factors in neurogenesis and the relative importance of different types of essential fatty acids.

Professor Keb Ghebremeskel. Does infant malnutrition stem from maternal malnutrition? The role of brain specific essential fats in Kwashiorkor and malnutrition.

Dr. Laurence Harbige. Pre-natal immune development – the role of maternal and infant nutrition in its function. The origin of HOV in Africa?

Dr. J. Remy. Laboratoire (NMDA CNRS UMR 6156, Institut de Biologie du Developpement (IBDM), 13288 Marseille Cedex 9, France) Epigenetics and the role of Darwin’s conditions of existence - nutrition – Was Lamark right?

Lunch


By sequence analysis of endemic SIVcpz strains, we could trace the origins of pandemic (group M) and non-pandemic (group N) HIV-1 to distinct, geographically isolated chimpanzee communities. These findings establish P. t. troglodytes as the natural reservoir of HIV-1.²

Introduction Focus on Women and children

Dr. Chinwe Dike, UN representative in Swasiland The women's right in the HIV epidemic.

Prof Michael Chirenje (Department of Paediatrics and Child Health, Medical School, University of Zimbabwe, P O Box A 178, Avondale, Harare, Zimbabwe). Prevention of HIV in women and mother to child transmission.

Short Communications from the Zim-Tansanian project of Letten Foundation

Prof Babill Stray Pedersen (Department of International Health, Institute of General Practice and Community Medicine, University of Oslo, Norway). Sexually Transmitted Infections and HIV discordance in two African countries: Does this point to the origin of HIV in Africa? (2 million HIV orphans world wide except for Africa South of the Sahara where there are 12 million!

Mr Marshall Munjoma (Department of Immunology, University of Zimbabwe), HIV and STI in teenagers in a Zimbabwean cohort.

² 1: Keel BF and others Science. 2006 May 25;Chimpanzee Reservoirs of Pandemic and Nonpandemic HIV-1.
3rd Day  Morning only 9.15 am to 1.00 pm at the Novartis Foundation

A DISCUSSION ON A CHARTER FOR WOMEN AND PEACE.

Sir Kenneth Stuart (Letten & Mother and Child Foundations)

Contributions from Bangladesh (Jay Rahman - Arsenic poisoning of the mother and fetus – a time bomb), China (Professor Junshi Chen, Infiltration of Western disease), India (Gopalan, Low birthweight and maternal malnutrition), Oman & Sudan (Izzeldin Hussein Iodine deficiency disease), Kot Ahon Sudan (Maternal nutrition), Tunisia (Dr R Lister, Prof. El Abed/ Dr Saloua Sadok – Education - opportunities for fisheries and maternal health), South America (Richardo Uauy – International perspective of nutrition in maternal and child health), Japan (Harumi Okyama – cancer & heart disease - Hiramitsu Suzuki cognition – traditional diet, health and longevity being undermined). Professor Ruth Onyang’o (Kenya) (Responsibility of African Governments), Florence Mirembe, Uganda (Maternal health), FAO, Rome (David James – opportunities)

NOTE:
The proceedings at the Royal Society are open to the public and media on registration. The proceedings on the Sunday and Tuesday would be open to members of the McCarrison Society providing we had early notification by September 1st and each person contributed to the cost of each day; numbers are limited.

Contact Catherine Lehane at the Institute of Brain Chemistry, London Metropolitan University, 02071332926, 166-220 Holloway Rd., London N7 8DB, mcflehane@aol.com
David Marsh 0208 741 1998 – david@davidmarsh.org.uk
Cost £40/day to members of the Foundations or McCarrison Society, otherwise £175/day - before 05/09/06.

NB the sessions at the Novartis are limited in numbers and a place needs to be reserved early. Prices include contributions to the Foundation’s cost of the speakers travel costs, meeting place, coffee, teas, lunch and buffet/dinner. NHS and charities £75, Students £15 excluding the buffet/dinners.