

Dr. Nigel  
Plummer, Ph.D.



Nigel Plummer, Ph.D. has his doctorate in microbial physiology and has worked at Pfizer in antibiotic research and development. His research on the use of normal flora in the prevention and treatment of genito-urinary candidiasis has won him numerous awards.

His current research includes the study of natural antimicrobials and the spread of antibiotic resistance. Dr. Plummer lectures extensively in North America and Europe on the use of human micro flora and essential fatty acids in degenerative diseases.

Dr. Plummer resides in Wales.

# Seroyal Seminar Series: 08–09

CONTINUING EDUCATION TO ENHANCE YOUR PRACTICE:

DEDICATED TO MAKING A DIFFERENCE IN PEOPLES' LIVES.

## The Developmental Origins of Modern Disease – Are We Programmed to Develop Disease In the Womb?

There is now compelling evidence to support the revolutionary concept of non genetic, foetal and neonatal programming of many chronic diseases such as coronary heart disease and cancer, which often only manifest decades later in adult life.

Many of these disease development phenomena are now strongly linked to sub-optimal environmental and nutritional conditions in the womb, and as such can be modified with the potential for altered disease outcomes.

In this lecture the evidence for the concept of foetal disease programming, its causes and also its effect on subsequent risk of developing diseases as diverse as pre-eclampsia, coronary artery disease, and breast cancer will be thoroughly explored.

Furthermore, the opportunity for nutritional and other interventions to negate adverse programming from occurring possibly represents the most profound and unexplored mechanism for chronic disease prevention to come to light for many years.

### YOU WILL LEARN:

- Key evidence that supports the link between metabolic programming in the preconceptual, foetal and neonatal periods and the risk of subsequent disease later in life
- The role of sub-optimal nutritional and environmental conditions in the preconceptual, foetal and neonatal periods which leads to adverse programming
- Therapeutic options available to prevent adverse programming or help to re-write the programme later in life

**VANCOUVER, BC** NOV. 22–23/08

**PHOENIX/TEMPE, AZ** MAY 2–3/09

**TORONTO, ON** MAY 9–10/09

### References:

*The British Journal of Psychiatry*, Jan 2004; 184: 28 - 33.

Birth weight and later risk of depression in a national birth cohort

Catharine R. Gale and Christopher N. Martyn

### Papers

*British Medical Journal* [www.bmj.com](http://www.bmj.com)

Longitudinal study of birth weight and adult body mass index in

Predicting risk of coronary heart disease and stroke in women

For more information please go to [www.seroyalseminars.com](http://www.seroyalseminars.com) and locate this seminar

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## SEROYAL SEMINAR SERIES: 08-09

# Dr. Nigel Plummer

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The Developmental Origins of Modern Disease –	<input type="checkbox"/> VANCOUVER, BC	NOV. 22-23/08	\$195.00	\$125.00	\$39.00
Are We Programmed to Develop Disease In the Womb?	<input type="checkbox"/> PHOENIX/TEMPE, AZ	MAY 2-3/09	\$195.00	\$125.00	\$39.00
	<input type="checkbox"/> TORONTO, ON	MAY 9-10/09	\$195.00	\$125.00	\$39.00

SESSION HOURS: 9:00 A.M. TO 12:30 P.M. AND 2:00 P.M. TO 5:30 P.M.

\* Only for full-time faculty members in approved medical educational institutes

\*\* Only for full-time students in approved medical educational institutes

## To Register:

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