

# 2010 SEROYAL SEMINAR SERIES

## CHRONIC & DEGENERATIVE DISEASES

### Part 1 – The Immune System: The Cause & Solution to Chronic Disease

### Part 2 – Beyond Quality: Workshop on Composition, Formulation & Processing of Quality Nutritional Supplements

1 Day Intensive

**Saturday, November 20, 2010**  
**SEATTLE, WA**

Additional dates and locations available.  
Contact a Seroyal representative for more details.

Presented by:  
**Nigel Plummer PhD**



#### **PART 1 – The Immune System: The Cause & Solution to Chronic Disease**

It is now recognized that virtually all chronic disease states are caused and/or mediated through deficiencies or defects in our immune system.

As chronic disease presentation accounts for the majority of the patient load for healthcare professionals, a solid understanding of immune system mechanisms and how disease occurs is fundamental

to the treatment of this disorder. Dr. Plummer will briefly, but clearly, explain the fundamentals of how the immune system functions before describing how immune system dysfunction has caused a range of chronic disorders from Alzheimer's disease and allergy, to fibromyalgia.

At the conclusion of this lecture, participants will have a clear understanding of the role of the immune system in chronic disease and will take away practical protocols for immune enhancement and disease treatment using nutritional and lifestyle modification which can be immediately incorporated into daily practice.

#### **PART 2 – Beyond Quality: Workshop on Composition, Formulation & Processing of Quality Nutritional Supplements**

With over 25 years of experience in research, formulation and manufacture of dietary supplements, Dr. Plummer offers his unique expertise to educate health practitioners on the essential criteria of composition, structure and processing of the major categories of dietary supplements. He will explain what to look for in terms of quality in virtually all types of nutritional supplements including omega-3's, probiotics, vitamins and minerals, antioxidants and others.

Participants will gain a new and unique understanding into how the highest quality dietary supplements are formulated as well as what to look for and what to avoid when choosing supplements.

Dr. Plummer will also share insights on dosage and how to improve patient compliance.



#### **TREATMENT GUIDELINES PROVIDED FOR Inflammatory Diseases**

These are syndromes where over stimulation of the immune driven inflammatory response is the cause of the disease:

- Alzheimer's, obesity, depressive disorders
- Diabetes Type 2 and metabolic syndrome
- Chronic fatigue and fibromyalgia
- Cardiovascular disease

#### **Autoimmune and Allergic Diseases**

There are diseases which are caused by a loss or non establishment of immune tolerance status:

- Rheumatoid arthritis, IBD, Lupus
- Multiple sclerosis, Type 1 diabetes
- Allergy: Type 1 hypersensitivities

#### **KEY LEARNING HIGHLIGHTS**

- Scientific and clinical review of the basic functioning of the immune system related to chronic disease.
- Description of specific diseases and how the immune system has been the cause or contributed to disease symptoms.
- Therapeutic options, including protocols for generic nutrient and specific product usage.

#### **KEY LEARNING HIGHLIGHTS**

- Production processes of nutritional oils – what are the differences and why they matter?
- Why are some probiotics more temperature stable than others, and can you tell the difference?
- Are retail products really any different to professional lines?
- Are 'food state' vitamins and minerals really absorbed more easily?

#### **Q & A SESSION FOR SUPPLEMENTS**

- A view from inside the industry.

#### **CONTINUING EDUCATION CREDITS**

- 8 GENERAL BDDT-N CE CREDITS (ON)
- 6.5 HOURS OF NHAND CREDITS (NH)
- 6.5 HOURS OF CNPBC CE CREDITS (BC)
- 7 GENERAL OANP CREDITS (OR)
- 6.5 HOURS OF SANP CE CREDITS (SK)
- 6.5 CEUs (WA)
- 6.5 HOURS OF MNA CE CREDITS (MB)

ADDITIONAL CE CREDITS APPLIED FOR

NIGEL PLUMMER PhD

**Register Now**

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# 2010 SEROYAL SEMINAR SERIES

## Seminar Registration Form

**Part 1 – The Immune System: The Cause & Solution to Chronic Disease**

**Part 2 – Beyond Quality: Workshop on Composition, Formulation & Processing of Quality Nutritional Supplements**

1 Day Intensive

Presented by Nigel Plummer PhD



**Nigel Plummer PhD** 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. Dr. Plummer continues his solid commitment to research in collaboration with research institutes and universities within the UK and Europe, developing an extensive knowledge specializing in probiotics, natural antimicrobials and fish oils. Dr. Plummer lectures extensively in North America and the UK/ Europe and has developed an interest in the concept of fetal disease programming, the controlling factors involved and the potential to influence programmed events as a means of prevention of chronic disease development.

### Date and Location

**Saturday, November 20, 2010  
Seattle, WA**

Hilton Seattle  
1301 6th Avenue,  
Seattle, Washington, 98101-2304  
Tel: (206) 624-0500  
Fax: (206) 624-9539

Parking: \$12 for day and \$20 overnight guests  
Website: [www.seattlehilton.com](http://www.seattlehilton.com)  
Room rate: \$139 plus tax per night, special rate until October 22, 2010  
Reservation phone number: 1-800-426-0535 (out of state) and 1-800-542-7700 (WA)  
Reservation code: Refer to Seroyal rate

### Price

- Practitioner \$99.00 + taxes
- Faculty\* Resident & 1<sup>st</sup> Year Practitioner \$99.00 + taxes
- Student\*\* \$25.00 + taxes

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

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

Additional dates and locations available. Contact a Seroyal representative for more details.

**Register Now**

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NAME	DEGREE	ACCOUNT#
( )		
TELEPHONE	E-MAIL	
SCHOOL (if student)	YEAR	

### PAYMENT INFORMATION

- VISA  MASTERCARD
- AMERICAN EXPRESS

CARD NO. \_\_\_\_\_ EXP. \_\_\_\_\_

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Since 1989, Seroyal has been providing extensive post-graduate training for naturopathic physicians, medical doctors, chiropractors, veterinarians, dentists, homeopaths and other healthcare practitioners. These seminars have received top recommendations from thousands of practitioners who have experienced phenomenal results.

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