



The Human Microbiome: A Key Driver in Lifelong Health Steering the Right Course

Presented by Nigel Plummer PhD

Saturday, March 18, 2017

▶ Toronto, ON

Saturday, October 14, 2017

▶ Calgary, AB

Saturday, March 25, 2017

▶ Halifax, NS

Saturday, October 28, 2017

▶ Portland, OR

Astonishingly, the microbiome provides 10 times the cell numbers and 200 times the genetic diversity of the human host, but it is only recently that its complexity, along with its implications on health, has been fully recognised.

This one-day intensive overview will provide a brief exploration of the characteristics, structure, role, and diversity of the human microbiome, as well as how it becomes a key driver in our health status following birth, and continues as a critical, lifelong contributor.

Although it has been acknowledged that the microbiome has enormous influence on immune and intestinal health, it is now apparent that differences in the microbiome are also associated with chronic diseases such as diabetes, obesity, inflammatory bowel disease, IBS and allergies. The program will explore the mechanisms of how the microbiome may exert its influence on disease risk factors, together with the gathering evidence that many may be associated with the use of antibiotics.

The microbiome is a unique part of our physiology that can be manipulated and potentially optimized by use of probiotics and prebiotics. Clinical evidence of the effects of these nutritional factors on health will be discussed, including original, new, and exciting published research by Dr. Plummer and his research team indicating positive benefits in immune function.

Finally, the course will address the potentially revolutionary concept of the opportunity to establish a lifelong optimised flora in the first six months of life, including preliminary research evidence in the area.

Seminars, teleconferences and webinars are for educational purposes only and are intended for licensed health care practitioners. These therapies are not substitutions for standard medical care. Practitioners are solely responsible for the care and treatment provided to their own patients. The information provided by speakers in this educational program, together with any written material, do not necessarily represent the view of Seroyal and are not intended as medical advice.

KEY LEARNING HIGHLIGHTS

- ▶ **Overview of the current status of understanding of the basic characteristics and structures of the human microbiota**
- ▶ **Mechanisms of how the microbiome drives and maintains major parts of our physiology, particularly the immune and mucosal systems**
- ▶ **Evidence and potential mechanisms into how the microbiome is associated with chronic diseases such as obesity, diabetes, IBD, IBS and allergies, providing participants with an accurate understanding of these fundamental processes**
- ▶ **Suggested protocols for manipulation of the microbiome for specific health outcomes**

CONTINUING EDUCATION CREDITS

- Eligible For Cono Category B Credits (ON)
- 6.5 CNPBC Hours (BC)
- 6.5 SANP Hours (SK)
- 6.5 MNA Hours (MB)
- 6.5 Hours (AB)
- 6.5 CEUs (WA)

Additional CE Credits Applied For
Check www.SeroyalCME.com for the latest updates



Nigel Plummer PhD

Nigel Plummer, PhD, received his doctorate in microbial physiology from the University of Surrey, UK, and has developed an extensive knowledge specializing in omega 3 fatty acids, probiotics and natural antimicrobials. Dr. Plummer is a globally accepted authority on probiotics and has produced a vast body of research on probiotics in post-antibiotic therapy, the control of IBS symptoms, and in the prevention of allergies and antibiotic resistance. Additionally, Dr. Plummer 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.

Program Details and Pricing

Date and Location		Topic	Practitioner	Faculty* Resident & 1st Year Practitioner	Student **	Practitioners enrolled in BTDC Certification
Sat., Mar. 18, 2017 Toronto, ON Hotel TBD	Sat., Oct. 14, 2017 Calgary, AB Hotel TBD	<i>1-DAY INTENSIVE</i> The Human Microbiome: A Key Driver in Lifelong Health	\$99.00 + taxes	\$99.00 + taxes	\$25.00 + taxes	\$99.00 + taxes
Sat., Mar. 25, 2017 Halifax, NS Hotel TBD	Sat., Oct. 28, 2017 Portland, OR Hotel TBD					

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

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