

**LECTURE**

**Prof Oluf Pedersen**

**15.03.2018**

📍 Lycée Technique  
d'Esch/Alzette  
Salle de Projection\*

🕒 1.00pm

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# Is dysbiosis of the intestinal microbiota a pathogenic mediator in common chronic disorders?

Human-associated microbes have until recently primarily been viewed through the lens of a single species and its environment. However, advances in next-generation culture-independent technologies and bioinformatics have shown an enormous diversity and functional capacity of the human microbiota. A large number of microbes reside in the distal gut, and aberrant intestinal microbiota associate with a multiplicity of common chronic diseases.

Major efforts are currently concentrated on exploring potential causality and related microbial-mediated disease mechanisms with the hope that an improved understanding will fuel the conception and realization of novel and maybe stratified therapeutic and preventative means. In my lecture, I will discuss recent progress in studying the possible role of imbalances in the intestinal microbiota in the pathogenesis of common disorders, primarily type 2 diabetes.



**SPEAKER:**

**Prof Oluf Pedersen**

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**HOST:**

Catherine Larue, CEO, IBBL