



Introduction

to the research cluster

Animal Gut Health

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www.vetmeduni.ac.at/tierernaehrung

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Aims of the research cluster (1)

- Build up an integrated forum of discussion and promote innovative research in the topic: a healthy gut for healthier animals, safer food and environment
 - Bridging the gap between basic and applied research
 - Metagenomics, transcriptomics, proteomics ⇒ gut health
 - Enhancing our understanding on the underlying mechanisms of gut microbiota x host physiology, and,
 - Developing innovative solutions to promote animal health and product quality, upon this knowledge

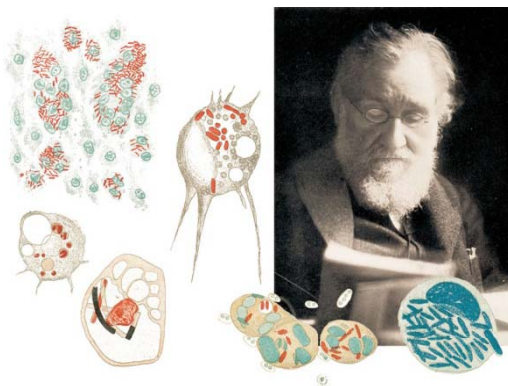


Aims of the research cluster (2)

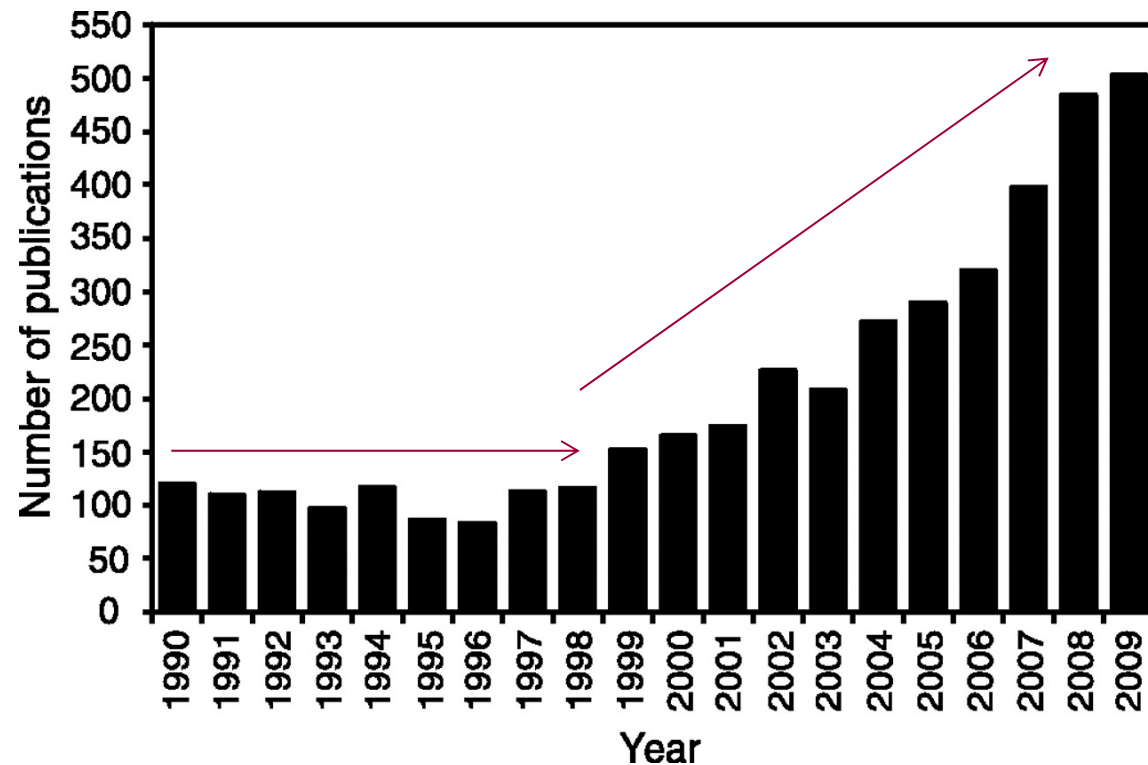
- Strengthen the research and scholastic capacities
 - Coordination of human capacities, research equipments, facilities, know-how
 - Focusing on interdisciplinary research
 - Increase the collaboration with industries, producers, other stakeholders
 - Enhance the national and international visibility
 - Apply jointly for national/international research and scholastic grants



Number of publications – gut microbiota (Pubmed search)



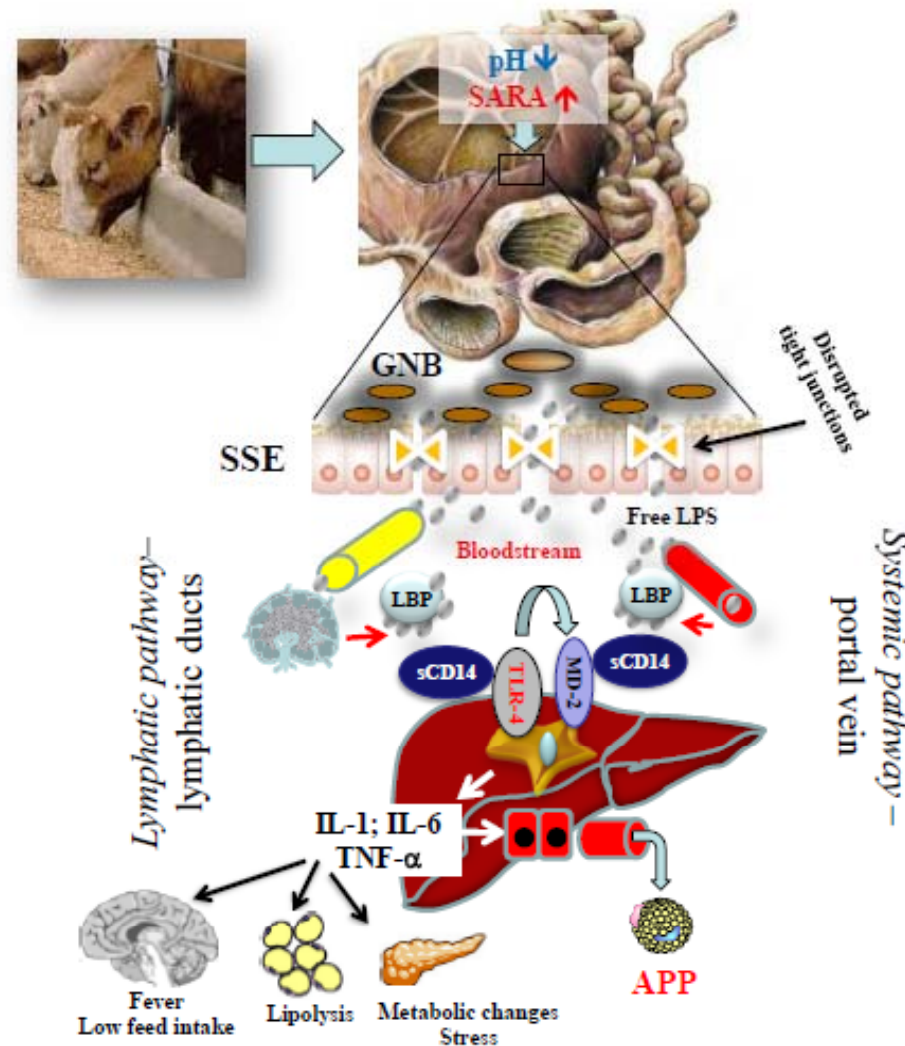
Elie Metchnikoff
Nobel Prize on 1908



Sekirov et al. Physiol Rev 2010;90:859-904



Gut health ⇒ Animal health



Gut health \Rightarrow Animal health \Rightarrow Safe food & Environment



Outcome

- *mens sana in corpore sano*



- „corpore sano per intestino sano“



<http://firstthehealthyfood.com/>

