

The nutritional reflex : influencing gut barrier function and inflammation

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The nutritional reflex

influencing gut barrier function and inflammation

Michael Derek Philip Luyer

Maastricht, vrijdag 27 januari 2006

The study presented in this thesis was performed within the Nutrition and Toxicology Research Institute Maastricht (NUTRIM) which participates in the Graduate School VLAG (Food Technology, Agrobiotechnology, Nutrition and Health Sciences), accredited by the Royal Netherlands Academy of Arts and Sciences.

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1. Het autonome zenuwstelsel is de link tussen voeding en ontsteking. (dit proefschrift)
2. Stimulatie van het autonome zenuwstelsel door voeding speelt een rol bij de verminderde reactiviteit van het immuunsysteem in de darm op voedselantigenen en toxinen. (dit proefschrift)
3. Probiotica moeten zorgvuldig in vitro en in vivo worden getest voorafgaand aan klinisch onderzoek om als zodanig gedefinieerd te mogen worden (dit proefschrift).
4. Het potentieel immuunstimulerende effect van bacterieel DNA dat gunstig werkt in modellen van vaccinatie, allergie en kanker, is ongewenst in een gecompromitteerde situatie. (dit proefschrift)
5. De nuchterheid van Nederlanders vormt een preoperatieve risicofactor (dit proefschrift)
6. Het doel van "fast-track" chirurgie om nieuwe ontwikkelingen te implementeren en zorg te leveren op basis van "evidence-based medicine" zou standaard moeten zijn binnen de chirurgie.
7. The TLRs are a target of a new kind. They clearly mediate the recognition of microbes, and are therefore ultimately responsible for all aspects of the host response that we know as sepsis. Beutler, Nature. 2004;430:257-63.
8. *Virtual reality* zou *snel onderdeel* moeten worden van de chirurgische training om de kwaliteit van zorg in echte patiënten te verbeteren.
9. * The important thing in science is not so much to obtain new facts as to discover new ways of thinking about them. (Sir William Bragg).
10. Als je enige gereedschap een hamer is, ziet elk probleem eruit als een spijker.
11. Morbide obese patiënten zouden meer vet moeten eten voor en direct na een gewichtsreducerende operatie.