

Proteomic-based discovery of nutrient-gene regulations: implications for gut health

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Proteomic-based discovery of nutrient-gene regulations

Implications for gut health

1. Caco-2 cellen vereisen voldoende glutamine en arginine voor een optimale apolipoproteïne A-I synthese. *(dit proefschrift)*
2. Het expressieniveau van ornithine aminotransferase is zowel *in vitro* als *in vivo* reguleerbaar door voedingsfactoren in de darm. *(dit proefschrift)*
3. Twee leden van de regenererende genfamilie, namelijk reg I en reg II, komen sterk tot uiting in de dunne darm van gehongerde muizen ter bescherming van dat weefsel. *(dit proefschrift)*
4. *In vitro* cellijnen lijken onderling meer op elkaar dan op hun weefsel van afkomst, althans wanneer beoordeeld op de eiwitexpressie in een tweedimensionale gel. *(dit proefschrift)*
5. Gut health is essential to good health.
6. Wanneer de genen het gelaat voorstellen, dan bepalen de eiwitten de mimiek.
7. A change in expression of an enzyme does not necessarily imply a change in activity of that enzyme.
8. Op de weg naar gepersonaliseerde voeding is het raadzaam de ethische en economische aspecten niet uit het oog te verliezen.
9. Een storende waarheid negeren maakt haar minder storend maar niet minder waar.
10. Een open geest beleeft meer. *(De Morgen)*