

Targeting PPARs in metabolic risk management: A pharmacological and nutritional approach

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Stellingen

Behorende bij het proefschrift:

Targeting PPARs in metabolic risk management: a pharmacological and nutritional approach

1. De vergelijking tussen de fysiologische effecten van visolie en PPAR α -agonist fenofibraat gaat niet verder dan een overeenkomstige verlaging van het serumtriglyceridengehalte (*dit proefschrift*)
2. De PPAR γ -agonist rosiglitazone verhoogt niet alleen de insulinegevoeligheid, maar heeft ook gunstige effecten op plasma lipiden (*dit proefschrift*)
3. Humane interventies met de PPAR agonisten rosiglitazone, fenofibraat en n-3 visvetzuren hebben nauwelijks tot geen effect op biomarkers van laag-grade ontsteking (*dit proefschrift*)
4. Perifere mononucleaire bloedcellen zijn in het algemeen geen adequate surrogaatcellen om genexpressie te reflecteren in spier- en vetweefsel (*dit proefschrift*)
5. De ontwikkeling van gepersonaliseerde voeding op basis van nutrigenomics zal leiden tot medicalisering van onze voeding
6. Voedingsfactoren in de intra-uterine periode en in de eerste levensjaren zijn belangrijke determinanten van overgewicht en metabole verstoringen op volwassen leeftijd
7. Voedingslessen op basis- en middelbare scholen moeten verplicht onderdeel gaan uitmaken van het standaard onderwijspakket
8. Laat je medicijn in de medicijnpot, als je een patiënt kan genezen met voeding (*Hippocrates*)
9. Wetenschap is veel meer een manier van denken, dan een verzameling van kennis (*Carl Sagan*)
10. Schildpadden kunnen meer over de weg vertellen dan hazen (*Khalil Gibran*)
11. Als de Nederlandse Spoorwegen een vertraging aankondigt van ongeveer 10 minuten, geeft dit in de praktijk altijd de begrenzing van een linkseenzijdig betrouwbaarheidsinterval weer

Marjolijn Bragt-van Wijngaarden, 14 december 2011

Propositions

As part of the thesis:

Targeting PPARs in metabolic risk management: a pharmacological and nutritional approach

1. The comparison between the physiological effects of fish oil and PPAR α -agonist fenofibrate does not go beyond a comparable serum triglyceride-lowering effect (*this thesis*)
2. PPAR γ -agonist rosiglitazone does not only improves insulin sensitivity, but also exerts beneficial effects on plasma lipids (*this thesis*)
3. PPAR agonists rosiglitazone, fenofibrate and n-3 polyunsaturated fish fatty acids exert inconsistent effects on plasma markers of low-grade inflammation, if at all (*this thesis*)
4. Peripheral blood mononuclear cells are, in general, no adequate surrogate cells for reflecting gene expression in muscle- and adipose tissue (*this thesis*)
5. The development of personalized nutrition based on nutrigenomics will lead to medicalization of our diet
6. Dietary factors in the intra-uterine period and first years of life are important determinants of overweight and metabolic disturbances in adult-life
7. Nutrition education needs to become an obligatory part of the teaching program in primary and secondary schools
8. Leave your drugs in the chemist's pot, if you can heal your patient with food (*Hippocrates*)
9. Science is a way of thinking much more than it is a body of knowledge (*Carl Sagan*)
10. Turtles can tell more about roads than hares (*Khalil Gibran*)
11. If the Dutch Railways announce a delay of approximately 10 minutes, in practice this always reflects the boundary of a left one-sided confidence interval