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## Modulation of lipoxygenase activity and chemistry-based detection of protein nitration in inflammation

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# STELLINGEN

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## **Modulation of lipoxygenase activity and chemistry-based detection of protein nitration in inflammation**

door Rosalina Wisastra

1. Selective derivatives can be identified for different types enzymes from a collection of structurally related derivatives of anacardic acid.
2. Lipoxins and leukotrienes are like siblings, they have many similarities, but leukotrienes are mostly considered as the bad guys, whereas lipoxins are mostly considered as the good guys.
3. Enzyme kinetic determinations are like a cup of coffee; they taste bitter in the beginning but they give full satisfaction at the end.
4. The electronic structure of the isothiazolone heterocycle is the main key to reveal its unique reactivity.
5. Human 5-lipoxygenase is the most spoiled enzyme in the LOXs family. It needs a lot of effort to investigate it.
6. Mirage can occur on the western-blot. When someone sees no fluorescence bands under the UV lamps for many times then there will be a point where the band seems to be there.
7. Traveling is the best money investment.
8. The Netherlands is the best country to experience different seasons in only one day.
9. Paper deadline on Friday means no *koopavond* for that week.