

## The Early Days.

## Description

## From PhD to Post-Doctoral Stays





Prof. dr. J.F. Arens 1914-2001

Prof. dr. J.F.G. Vlieg

In 1969, I was asked by Professor Arens and one of his co-we Assistant Professor Vliegenthart, of the Bio-Organic Chemistr Group at Utrecht University to work on a PhD project focused structural analysis of oligosaccharides and glycoconjugates us EI-MS. Both were familiar with the sequencing of small peptic using EI-MS, but had no knowledge in the carbohydrate field.

So, before starting, I had to teach myself carbohydrate cher without any helpdesk.



A free instruction: "Explore the possibilities of EI-MS for carbohy analysis".

Reading more literature about carbohydrate analysis showed me value of NMR spectroscopy.

I proposed my supervisors to include also NMR in my PhD project they agreed.

The available MS and NMR instruments at Utrecht University in t days were:



Varian XL-100 NMR



AEI MS-





Electron impact mass spect of pertrimethylsilylated disaccharides with different types.

100-MHz <sup>1</sup>H NMR spectroso pertrimethylsilylated disacc with different linkage types



12 June 1972





I did not leave the group in 1972 and got a temporary position as Assistant Professor at Utrecht University. A contract that was prolonged a couple of times, until I got a permanent position (Associate Professor) in 1978.

At the end of the seventies Hans Vliegenthart got permissio from Professor Arens to start his own research group on carbohydrates and glycoconjugates. And I stayed with him.

But I did not know that this should become a stay together until his retirement in 2001.





## Category

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