

## N M R Discussiongroup, Analytical Section KNCV

To: The members of the Dutch NMR Discussion Group

It is a pleasure to invite you to the next scientific symposium of the NMR Discussion Group, to be held in Vlaardingen at the premises of Unilever Research Vlaardingen on Friday, 11 October 2002

The lecture hall, lunches, coffee, tea and refreshments are offered by the local organization in collaboration with the NMR-DG, hence there will be no registration fees for the symposium.

**Location:** Unilever R&D Vlaardingen

Olivier van Noortlaan 120

3133 AT Vlaardingen

**Local organization:** Dr. John van Duynhoven

Central Analytical Sciences

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### Program:

- 9.30 Reception with coffee.
- 10.00 Opening and Welcome by Prof. Johan Haverkamp, Unilever Research Vlaardingen
- 10.15 John van Duynhoven, Unilever Research Vlaardingen, **NMR at Unilever**
- 10.45 Hugo van Ingen, Marco Tessari and Geerten W. Vuister, Nijmegen University  
**Solution NMR Studies On A Mad Sinful Protein Complex**
- 11.10 Paul Jonsen, Varian Inc. **A Solenoidal View of Near GHz Solids NMR**
- 11.35 Suat Ozdirekcan, Antoinette Killian, Utrecht University, **Structure and orientation of transmembrane peptides as measured by solid state  $^2\text{H}$  NMR in oriented and non-oriented lipid bilayers**
- 12.00 Luca Frullano, Joop Peters, Delft University, **Toward sugar recognition by means of MRI**
- 12.30 - 13.30 Poster session and lunch buffet offered by Unilever Research Vlaardingen
- 13.30 Shang-Te Danny Hsu, Eefjan Breukink, Ben de Kruijff, Robert Kaptein, Alexandre Bonvin, Nico van Nuland, Utrecht University, **Target Oriented, Smart Antibiotics: Solution NMR Study of Lantibiotics and Lipid II Interactions**
- 13.55 Hans Ippel, Carlo van Mierlo, Wageningen University, **In vivo uniform isotope-labelling of potato plants: using the greenhouse for structural proteomics**

14.20 Ido de Boer, Joerg Matysik, Huub de Groot. Leiden University **Solid-state NMR structure determination of an artificial  $^{113}\text{Cd}$ -Chlorin aggregate in Ultra-High Magnetic Field**

14.45 – 15.00 coffee (Posters)

15.00 Serge Söntjens, Marcel van Genderen, Rint Sijbesma and Bert Meijer, Eindhoven University, **NMR studies of supramolecular systems**

15.25 Henk Van As, Adri de Jager, T. Sibgatullin, S. Melnikov, D. Filippov, Frank Vergeldt, L. van der Weerd, Wageningen University, **Does asymptotic single compartment diffusion trace compartment size, membrane permeability and tissue hydraulics? a double DARTS approach**

15.50 T.G. Ajithkumar, Arno Kentgens, Nijmegen University, **Homonuclear Correlation Experiments of Half-Integer Quadrupolar Nuclei using MQMAS at the P4 Magic Angle**

16.15 Closure

**16.35 Reception with drinks offered by Unilever**

#### **Poster session**

The titles of the posters will be e-mailed in the week before the meeting. Please, send us full details on the posters to be presented on behalf of your institute or company (Title, Authors, Name of the presenter and name of the institute(s)) not later than Friday, October 4. The NMR-DG will award the best poster presentation with a prize.

#### **Registration**

We have restricted this mailing to our e-mail addressable members. We therefore urge all of you to make people at your institute aware of this NMR-DG meeting. For those of you who received the information of the coming symposium through colleagues, please, tell us your email address to ensure that you receive forthcoming mailings.

To make the necessary preparations for the lunch and the poster session, the registration deadline has been set at Monday, October 7, 2001, 3.00 PM. Registration is possible by phone, fax or e-mail with Barbara Hendricx, Phone: +31 30 253 2652, Fax: +31 30 253 7623, e-mail [secr@nmr.chem.uu.nl](mailto:secr@nmr.chem.uu.nl).

## **Board of the NMR-DG**

As of July, 2002, the board of the NMR-DG consists of:

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We hope that this symposium will be as successful as many of the preceding ones and will attract a large audience. You can contribute to this success by ensuring that everybody that may be interested in the symposium knows of it. In this way you help to realize the aims of the NMR-DG Meetings: to be a platform for exchanging experiences between all NMR Users in the Netherlands (and Belgium), whatever their specific interest, from universities, large research and technological institutes, and industries. The NMR-DG does not charge membership fees. Persons interested in attending the symposium that are not members of the NMR-DG are welcome to attend the symposium, free of charge, provided they register for attending the symposium.

18 September 2002

Rien de Bie, Nico van Nuland,

John van Duynhoven, Pieter Magusin