

# The Chemical Society 1979 Autumn Meeting

## **SESSION E** Wednesday 19 September

Symposium 5: Perkin Division jointly with the NMR Group

### **NMR OF BIOLOGICALLY-IMPORTANT MOLECULES**

Chairman: **Mr C.E.G. Rice**, *Vice-President, Royal Institute of Chemistry and Liverpool Polytechnic*

- 14.30 THE MELDOLA MEDAL LECTURE  
High-Field NMR of Membranes and Proteins  
E. Oldfield, *University of Illinois at Urbana-Champaign, USA*
- 15.45 TEA
- 16.15 Sodium-23 NMR Studies of Cation Binding by Biomolecules  
P. Laszlo, *University of Liege, Belgium*
- 17.15 Discussion Close
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## Thursday 20 September

Chairman: **Dr R.K. Harris**, *University of East Anglia*

- 09.15 E.4 NMR Studies of Molecular Structures and Interactions in Solution with Application to Porphyrins and Other Natural Products  
R.J. Abraham, *University of Liverpool*
- 10.15 E.5 Conformational Studies of Ligands Bound to Dihydrofolate Reductase  
J. Feeney, *National Institute for Medical Research*
- 10.35 E.6 Discussion
- 10.45 COFFEE
- 11.15 E.7 Carbon-13 NMR Studies on Polysaccharides  
T.N. Huckerby, *University of Lancaster*
- 12.15 E.8 NMR Studies on the Heparan Sulphates  
I. A. Nieduszynski, *University of Lancaster*
- 12.35 E.9 Discussion
- 12.45 LUNCH

Chairman: **Professor C. Phelps**, *University of Lancaster*

14.00 E.10  $^{31}\text{P}$  NMR in the Study of Living Systems  
D. Gadian, *University of Oxford*

15.00 E.11 Reactions of Gold Phosphine Drugs with Human Blood Studies by  $^{31}\text{P}$  NMR  
N.A. Malik\*, G. Otiko and P.J. Sadler, *Birkbeck College, London*

15.20 E.12 Discussion

15.30 TEA