



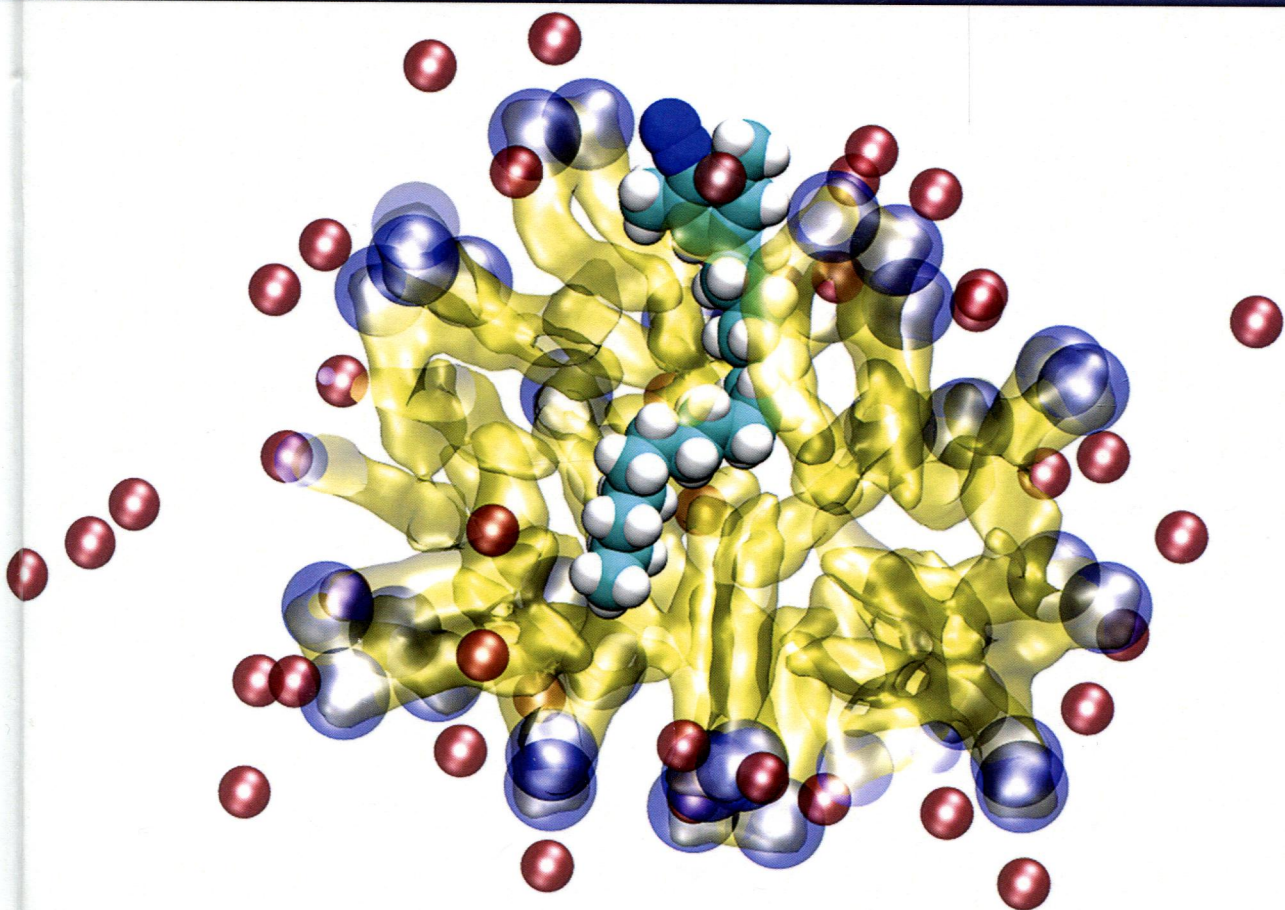
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A Festschrift in honor of  
**Dr. Kash Mittal**

# SURFACTANT SCIENCE AND TECHNOLOGY

Edited by  
**Laurence S. Romsted**

RETROSPECTS AND PROSPECTS



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Edited by  
**Laurence S. Romsted**  
Rutgers University, New Brunswick, New Jersey, USA

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**Cover Image:** Cross section of a gemini micelle and probe molecule courtesy of Michel Laguerre and Massimiliano Porrini, Institut Européen de Chimie et Biologie (IECB), Bordeaux, France. A molecular dynamics simulation of a chemical trapping probe, 4-hexadecyl-2,6-dimethylbenzenediazonium ion, nestled in a cross section of micelle composed of decanediyl- $\alpha,\omega$ -bis (dodecyldimethylammonium chloride) or 10-2-10 2Cl (aggregation number = 27). Depicted are chloride ions (red), a spaghetti-like core of decyl tails (golden yellow), gemini nitrogens (steel blue), and the chemical probe with carbons (cyan), hydrogens (white), and diazonio group (dark blue). For esthetic purposes, various groups in the gemini micelle cross section are not quite to scale. (Examples of probe applications: X. Gao et al., *Langmuir* **2013**, *29*, 4928; Q. Gu et al., *J. Coll. I. Sci.*, **2013**, *400*, 41; and Y. Zhang et al., *Langmuir*, **2013**, *29*, 534.)

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