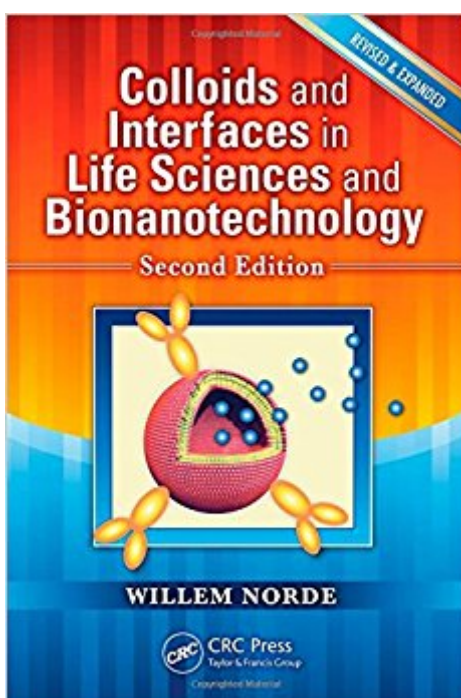


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# Colloids And Interfaces In Life Sciences And Bionanotechnology, Second Edition



## Synopsis

Colloidal systems occur everywhere – in soils, seawater, foodstuff, pharmaceuticals, paints, blood, biological cells, and microorganisms. *Colloids and Interfaces in Life Sciences and Bionanotechnology, Second Edition*, gives a concise treatment of physicochemical principles determining interrelated colloidal and interfacial phenomena. New in the Second Edition: New topics, including phase separations in polymer systems, electrokinetics of charged permeable surface coatings, and polymer brush coatings to control adsorption and adhesion of particles. Emphasis on inter-particle interactions and surface phenomena in (bio)nanotechnology. Full solutions to over 100 updated and additional exercises are presented in the Appendix. Focusing on physicochemical concepts that form the basis of understanding colloidal and interfacial phenomena rather than on experimental methods and techniques, this book is an excellent primer for students and scientists interested in colloidal and interfacial phenomena, their mutual relations and connections, and the fascinating role they play in natural and man-made systems.

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## Customer Reviews

Willem Norde is Professor of Bionanotechnology at Wageningen University and Research Center, and Professor of Colloid and Interface Science at the University Medical Center Groningen and the University of Groningen, The Netherlands. His main research expertise is on interfacial behavior of proteins, biological cells and bacteria, as well as on encapsulation and release of functional

ingredients in and from nanocapsules. He is author or coauthor of more than 240 scientific publications and coeditor of *Physical Chemistry of Biological Interfaces* (Marcel Dekker, 2000) and of *Nanotechnology in the Agri-Food Sector* (Wiley-VCH, 2011) and author of *Colloids and Interfaces in Life Sciences* (Marcel Dekker, 2003). Willem Norde has taught various courses, such as *Colloid and Interface Science*, *Biopolymers at Interfaces*, *Physics and Chemistry of Supramolecular Systems*, and *Chemical Thermodynamics*. He is a member of the Royal Dutch Association of Chemists, the Dutch Association of Biotechnologists, and the International Association of Colloid and Interface Scientists. Dr. Norde received the MSc (1969) and PhD (1976) degrees from Wageningen University, The Netherlands.

This is a great book. My complaint is with the Kindle version, which cannot be viewed on the Kindle or the Kindle Android App??? You have to be kidding.

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