

Biographical Sketch

Raj Sury is Professor in the College of Pharmacy, University of Minnesota. He obtained his Ph.D. degree in Pharmaceutics from University of British Columbia, Vancouver, Canada. His research is focused in the area of solid-state properties of drugs. His publications in this field deal with phase transitions in solids, implications of in situ phase transitions on product performance, evaluation of concepts of crystallinity and development of new techniques to evaluate crystallinity in solids. He has developed X-ray diffractometric techniques for the qualitative and quantitative analyses of solid phases, to determine the drug content in intact tablets and to study solid-state reactions. His research group is currently involved in developing low temperature powder X-ray diffractometric techniques to study frozen and freeze-dried pharmaceutical systems. He is a consultant to numerous pharmaceutical companies.