

Affinity Chromatography and Biological Recognition

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Preface

This volume contains the papers and reports presented at the Fifth International Symposium on Affinity Chromatography and Biological Recognition, held June 12–17, 1983, at St. John's College in Annapolis, Maryland. The Fifth ACBR was the first of the series of International Symposia on Affinity Chromatography to be held in the United States since the origin of the symposium in Western Europe during the mid-1970s as the creation of a growing affinity methods interest group. In organizing the 1983 symposium on the subject of bioaffinity methods and principles, two central themes were chosen. As in previous meetings, a major focus was on current trends and progress in the design and application of affinity methods for isolation, therapeutics, diagnostics, and biotechnology. In addition, a strong emphasis was placed on examining the growing synergism between affinity methods and the understanding and study of basic principles of biological recognition. Current contributions of affinity methodology were highlighted in such areas as cell membrane receptors, quantitative properties of macromolecular interactions, microscale analytical and preparative applications of high performance affinity chromatography, antibodies as *in vivo* and *in vitro* diagnostic and therapeutic agents, and drug targeting. It is our belief that this proceedings volume will be a stimulus for broad and creative application of affinity concepts and methods in many fields of biomedical research and biotechnology.

The Fifth ACBR was served by two important committees. One was the Organizing Committee, which included Drs. Gary Ackers (U.S.), Charles DeLisi (U.S.), Thomas Gribnau (Holland), John Inman (U.S.), Hiro Nishikawa (U.S.), Shmuel Shaltiel (Israel), Earle Stellwagen (U.S.), and Jaap Visser (Holland). The second was the Advisory Committee, which was composed of Drs. Christian Anfinsen (U.S.), Pedro Cuatrecasas (U.S.), Nathan Kaplan (U.S.), Ephraim Katchalski-Katzir (Israel), and Jerker Porath (Sweden). The executive organizational responsibilities for the symposium were shared by the volume editors.

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