



## Immobilized Biochemicals and Affinity Chromatography

By Dunlap, R.

Book Condition: New. Publisher/Verlag: Springer, Berlin | This volume contains most of the papers presented at the Symposium on Affinity Chromatography and Immobilized Biochemicals, which was held on November 7-9, 1973 in Charleston, South Carolina in conjunction with the Southeastern Regional American Chemical Society meeting. The topics of the symposium represent two new biochemical frontiers which have emerged in recent years through the ingenious development and application of solid phase biochemical technologies. Affinity chromatography involves the use of selected ligands, covalently bound to a solid support such as cellulose, glass, Sepharose, or polyacrylamide and exploits the principle of biochemical recognition between the ligand in the solid phase and a selected macromolecule to facilitate the rapid and often quantitative purification of enzymes, antibodies, antigens, hormones, other proteins, etc. The area of immobilized biochemicals includes the use of coenzymes, oligo- and polynucleotides, enzymes, and multistep enzyme systems which are immobilized or entrapped in the solid phase. The goals of the symposium were the review of the status of affinity chromatography and immobilized biochemicals, the presentation of new data and ideas in both areas, and the establishment of a dialogue between research workers in these two evolving disciplines...



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