Contents

Preface.....5

Abbreviations.....9

1. Methods 13

1.1 Blood Access 13

2. Selective Separation Methods 19

2.1 CRP Adsorption.....19

2.2 INUSpherese 21

3. Clinical Results 25

3.1 Renal Diseases.....25

3.2 Neurological Diseases 45

3.3 Hematological Diseases 62

3.4 Gastroenterological Diseases.....86

3.5 Endocrinological and Metabolic Diseases 95

3.6 Cardiologic Disease.....102

3.7 Dermatological Diseases 111

3.8 Autoimmune Diseases.....128

3.9 Oncological Diseases 136