

# CONTENTS

Biochemistry and Physiology of Protein C	
W.G. Owen .....	1
Mechanism of Action of Protein C	
H.P. Schwarz, J.H. Griffin .....	5
Biochemistry of Protein S and its Role in the Regulation of the Anticoagulant Activity of Activated Protein C	
F.J. Walker .....	19
Does Human Protein C Exert Profibrinolytic Activity?	
M. Colucci, D. Collen .....	29
Biochemistry and Physiology of Protein C Inhibitor	
K. Suzuki .....	43
Isolation of Protein C Using High Performance Liquid Chromatography (HPLC) - Experiences and Problems	
C. Miyashita, P. Hellstern, G. von Blohn, H. Hammer, E. Wenzel .....	59
Determination of Protein C by an Immunoenzymatic Assay	
J. Amiral, C. Boyer, C. Rothschild, M. Wolf .....	67
Functional Assays of Plasma Protein C	
R.M. Bertina, A.W. Broekmans .....	81

## Hereditary Protein C Deficiency

A.W. Broekmans, R.M. Bertina ..... 93

Production of an Antibody Against Human Protein C and  
its Use to Detect Patients with Congenital Protein C  
Deficiency Associated with Thrombosis

J.-M. Freyssinet, L. Grunebaum, M.-L. Wiesel  
J.-P. Cazenave, R. Fritsché, S. Greber, A. Lampart,  
R. Spaethe ..... 107

Protein C Deficiency in a Newborn Infant with Purpura  
fulminans

H. Wehinger, I. Witt ..... 117

Protein C in Patients under L-Asparaginase Treatment

T.H. Schöndorf, I. Witt ..... 125

Protein C in Various Liver Diseases

G. Oehler, K. Matthes ..... 135

Protein C Determination in Patients with Thrombotic  
Disease and Disseminated Intravascular Coagulation

I. Pabinger-Fasching, U. Stoffels, K. Lechner ..... 141

Investigations of the Incidence of Different Inherited  
Fibrinolysis Disorders in Juvenile Thrombosis Patients

I. Scharrer ..... 151

Protein C Concentration after Elective Hip Surgery

T.H. Schöndorf, I. Witt ..... 163

Protein C Activity and Concentration in Patients with  
Thromboembolic Disease and in Patients Treated with  
Phenprocoumon

G. Müller-Berghaus, W. Thiel, K.T. Preissner,  
G. Oehler ..... 169

Protein C under Long-Term Dicoumarol Treatment

P. Hellstern, G. von Blohn, C. Miyashita, M. Köhler  
P. Scheffler, E. Wenzel ..... 177

Protein C under Heparin Treatment

U. Schmitz-Huebner ..... 183

AUTHOR INDEX ..... 189

SUBJECT INDEX ..... 191