Contents, Vol. 18, Supplement 1, 1988

Preface page 5
1.  Plasminogen and Its Activation to Plasmin
   1.1  Plasminogen: A Brief Introduction into Its Biochemistry and Function  7
       C. Miyashita, E. Wenzel, M. Heiden
   1.2  Control of Human Plasminogen Activation  15
   1.3  Physiology of Plasminogen; With Special Reference to
       Activation and Degradation  25
       A. Takada, Y. Takada
   1.4  Discussion  37

2.  Laboratory Analysis and Standardization of Test Procedures
   2.1  Basics and Practice in Evaluating Plasminogen  41
       H. Vinazzer
   2.2  Standardization of Plasminogen Assays  47
       P.J. Gaffney
   2.3  Reference Values and Variability of Plasminogen in Healthy Blood Donors
       and Its Relation to Parameters of the Fibrinolytic System  61
       G. Leipnitz, M. Köhler, G. von Bohm, M. Heiden, E. Wenzel
   2.4  Discussion  69

    Experimental Findings
   3.1  Genetic Polymorphism of Plasminogen  73
       W.R. Mayr
   3.2  Congenital Abnormal Plasminogen, Frankfurt I,
       a Cause for Recurrent Venous Thrombosis  77
   3.3  Characterizing Hereditary and Acquired Defects of Plasminogen  87
       U. Hedner, L. Tengborn

4.  Reduced Fibrinolytic Potential in Patients with Arterial Occlusive Disease (AOD)
    in Comparison with Normal Subjects  93
       D. Hartl, E. Tiso, K. Anderle, A. Philaptisch, G. Anger
5.  Effect of Anti Plasminogen Monoclonal Antibodies on Whole Blood Clot Lysis 99
    F. Ehrenreich, E. Hattey, J. Wojta, B.R. Binder
6.  Discussion 109

Fibrinolytic activity · Inhibitors · Pig-allotypes · Fibrinolytic therapy ·
Therapy in hereditary plasminogen defects · Carbohydrate content · Plasmin generation test · Pig-genetics · Activation · Whole blood-clot lysis-time · Glu-plasminogen · Fibrinolytic activity
Therapy with Plasminogen Concentrates: Preliminary Results and Future Strategies

1 Purification of Plasma Protein 115
Ch. Mannhalter

2 Characterization of Commercially Available Plasminogen Preparations in vitro: Purity and Reactivity 121
C. Miyashita, G. Leipnitz, M. Heiden, G. Pindur, E. Wenzel

3 Intermittent Plasminogen-Streptokinase Treatment of Deep Vein Thrombosis ... 127
V.V. Kakkar, M.F. Scully

4 Effectiveness of Intraarterial Plasminogen Application in Combination with Percutaneous Transluminal Angioplasty (PTA) or Catheter Assisted Lysis (CL) in Patients with Chronic Peripheral Occlusive Disease of the Lower Limbs (POL) 139
V. Tilsner, G. Witte

5 Production and Quality Assurance of LYS-PLASMINOGEN Steam Treated 157
A. Schoppmann, Y. Linnau, E. Hetzel, A. Philapitsch, F. Dorner

6 Review of Studies with Plasminogen Concentrates and Proposals for Further Therapeutic Strategies with Plasminogen Concentrates 165
K. Anderle, A. Fröhlich

7 Discussion 177

8 Therapeutic Strategies with Plasminogen Concentrates (Round-Table-Discussion) 183
K. Anderle

Conclusion 187
List of Authors and Speakers 193
Index 197