

PROGRAM

A PLENARY LECTURES

- 1 **Laurent TC** (Uppsala, Sweden)  
Rapid Transport of Macromolecules in Polysaccharide-  
Systems by Means of Dissipative Structures
- 2 **Ryan US** (Miami, USA)  
The Endothelial Cell Surface
- 3 **Katchalski-Katzir E** (Rehovot, Israel)  
Conformational Changes of Biological Macromolecules
- 4 **Fukada E** (Wako-shi, Saitama, Japan)  
Electro-Biorheology
- 5 **Hartert H** (Kaiserslautern, FRG)  
Biorheology and the Practice of Medicine
- 6 **Brooks DE** (Vancouver, Canada)  
The Biorheology of Tumor Cells
- 7 **Blombaeck B** (Stockholm, Sweden)  
Fibrin Gels and their Rheological Properties

B SYMPOSIA

- I **Hemorheological Disorders in Cardiovascular Diseases**  
(Organizer: Strauer BE, München/FRG)  
Abstract 8-15

- II     **Permeability and the Blood Vessel Wall**  
       (Organizers: Silberberg A, Revohot/Israel;  
                  Wayland H, Pasadena/USA)  
       Abstract 16-24
- III    **Theoretical Considerations in Biorheology**  
       (Organizer: Oka S, Tokyo/Japan)  
       Abstract 25-29
- IV     **Normal and Pathological Mucus**  
       (Organizer: Puchelle E, Vandoeuvre-Les-Nancy/France)  
       Abstract 30-33
- V      **Role of Hemorheology in Blood Transfusion**  
       (Organizer: Stoltz JF, Vandoeuvre-Les-Nancy/France)  
       Abstract 34-38
- VI     **Theoretical Aspects of Tissue Deformability**  
       (Organizer: Mahrenholtz O, Hamburg/FRG)  
       Abstract 39-43
- VII    **RBC-Mechanics and In Vivo Microcirculatory Flow**  
       (Organizer: Meiselman HJ, Los Angeles/USA)  
       Abstract 44-49
- VIII   **Some Biorheological Aspects of Joint Diseases**  
       (Organizer: Maroudas A, Haifa/Israel)  
       Abstract 50-53
- IX     **Tumor Microcirculation**  
       (Organizers: Meßmer K, Heidelberg/FRG;  
                  Endrich B, Heidelberg/FRG)  
       Abstract 54-60

## C FREE COMMUNICATIONS

- I **Red Cell 1**  
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- II **Red Cell 2**  
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- III **Blood Rheology**  
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- IV **Microhemodynamics**  
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- V **Biological Fluids**  
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- VII **Vessels and Vessel Wall**  
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## D POSTERS

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