

surface properties and the extent of protease activation by the substrate, resulting in changes in subsequent thrombotic process at the interface. Further studies are in progress to understand the initial phases of reactions, though more complex in nature.

#### ACKNOWLEDGEMENTS

This paper forms part of the Ph.D. thesis intended to be submitted by one of the authors (TC). We appreciate the help received from Dr A. V. Lal for providing calf blood and G. Joseph and N. V. Nirmala for assistance.

23 September 1985; Revised 9 January 1986

1. Vroman, L. and Adams, A. L., *J. Coll. Interface Sci.*, 1969, **31**, 188.
2. Vroman, L., Adams, A. L., Fischer, G. C., Munoz, P. C. and Stanford, M., *Adv. Chem. Ser.*, 1982, **199**, 265.
3. Zucker, M. B. and Vroman, L., *Proc. Soc. Exp. Biol. Med.*, 1969, **131**, 320.
4. Vroman, L., Adams, A. L., Fischer, G. C. and Munoz, P. C., *Blood*, 1980, **55**, 156.
5. Mosesson, M. W., Finlayson, J. S. and Galanakis, D. K., *J. Biol. Chem.*, 1973, **248**, 7913.
6. Kay, D. and Cuddigan, J., *Br. J. Haematol.*, 1967, **13**, 341.
7. Gaffney, P. J. and Dobos, P., *FEBS Lett.*, 1971, **15**, 13.

8. Mihalyi, E. and Godfrey, J. E., *Biochem. Biophys. Acta*, 1963, **67**, 73.
9. Bettelheim, F. R. and Bailey, K., *Biochem. Biophys. Acta*, 1952, **9**, 578.
10. Sharma, C. P. and Chandy, T., *J. Colloid. Inter. Sci.*, 1982, **89**, 479.
11. Uniyal, S. and Brash, J. L., *Thromb Haemostas*, 1982, **47**, 285.
12. Nair, A. K. and Sharma, C. P., *Curr. Sci.*, 1985, **54**, 185.
13. Chandy, T. and Sharma, C. P., *J. Colloid. Inter. Sci.*, 1983, **92**, 102.
14. Lee, E. S. and Kim, S. W., *Trans. Am. Soc. Artif. Inter. Org.*, 1979, **25**, 124.
15. Chiu, T. C., Metcalf, L. C. and Lyman, D. J., *J. Biomed. Mat. Res.*, 1981, **15**, 781.
16. Lyman, D. J., Metcalf, L. C., Albo, Jr. Richards, K. F. and Lamb, J., *Trans. Am. Soc. Artif. Inter. Org.*, 1974, **20**, 474.
17. Chandy, T. and Sharma, C. P., *Biomaterials*, 1985, **6**, 416.
18. Laemmli, *Laboratory techniques in biochemistry and molecular biology*, (eds) T. S. Work and R. H. Burdon, Elsevier, Amsterdam, 1978.
19. Solum, N. O. and Scand, J., *Clin. Lab. Invest.*, 1966, **18**, 577.
20. Solum, N. O., Rigolot, C. and Budzynski, A. Z. et al., *Br. J. Haematol.*, 1973, **24**, 419.
21. Brash, J. L., Uniyal, S., Chan, B. M. C. and Yu, A., In: *Polymer materials and artificial organs*, (ed.) C. G. Gebelein, 1984, p. 46.

#### ANNOUNCEMENT

#### INTERNATIONAL SEMINAR ON CEMENT AND ALLIED BUILDING MATERIALS

This International Seminar will review the state of the art of cement, lime and allied technologies, highlight recent developments, provide appropriate forum for exchange of views between international experts and attempt carving out strategies for future developments. The areas needing special attention for a worldwide consultation on various aspects of manufacture and utilization of cement, lime and allied building materials.

The Seminar has been rescheduled to be held from 6–9 January 1987 at Vigyan Bhavan, New Delhi, which is one of the Asia's finest conference centres.

For details please contact: S. G. Rastogi, Organizing Secretary, National Council for Cement and Building Materials, M-10 South Extension, Part II, Ring Road, New Delhi 110 049, India.