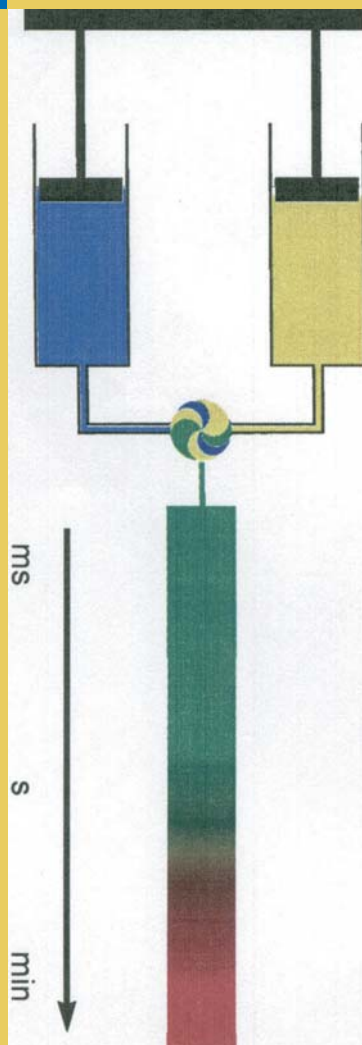


Transient Kinetics Methods applied to Biological Macromolecules

Canterbury | Kent | UK
7 - 13 September | 2008



This field has experienced something of resurgence for three major reasons:

The emergence of molecular biological methods for identifying and isolating large quantities of specific proteins has led to a number of interesting proteins in need of detailed analysis.

The wider recognition that biological events are defined within a given timeframe (msec-sec) and that we need to study individual molecular events within this time frame. Detailed transient kinetics complements high resolution structural studies and together the two methods can give a molecular explanation of biological function.

The commercial development of high quality, reliable transient kinetic equipment has made such techniques accessible to a wider population of scientists. The investment in the development of commercial systems has led to significant advances in both instrument sensitivity and in economy of biological materials required for such studies.

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