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An overlay diagram of the active site catalytic triads of the serine proteases trypsin (solid blue) and subtilisin (solid pink) with the active site catalytic dyad of catalytic antibody 17E8 (solid yellow). The catalytic residues of each protein converge to similar distances and geometries, whereas the polypeptide backbone structures (mottled tubes) are completely different. The inset figures at the bottom are the three-dimensional structures of trypsin (blue), subtilisin (pink), and catalytic antibody 17E8 (yellow). See page 1059. [Figure: Mike Pique, The Scripps Research Institute]

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Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send change of address to Science, P.O. Box 2033, Marion, OH 43005-2033. Single copy sales: $5.00 per issue prepaid includes surface postage, Guide to Biotechnology Products and Instruments, $20. Bulk rates on request. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $.10 per page is paid directly to CCC, 27 Congress Street, Salem, MA 01970. The identification code for Science is 0036-8075/93 $1 + .10. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.