Diagram referenced as "Structure of ribonuclease. (Moore + Stein)"

Contributors

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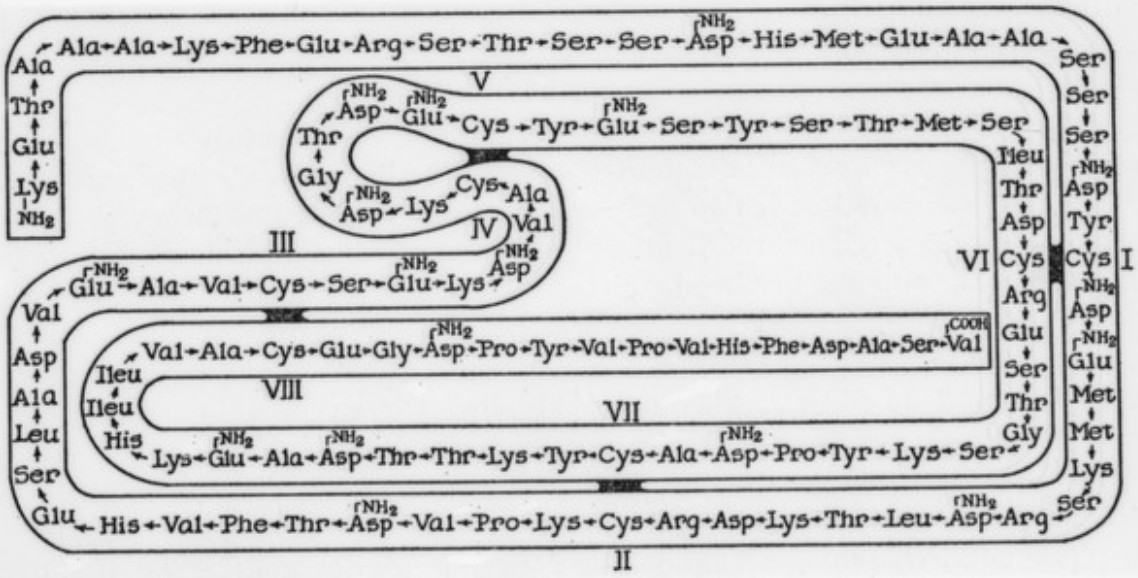

FIG. 3. A diagrammatic representation of the sequence of amino acid residues of bovine pancreatic ribonuclease, based on the information presented by Hirs, Moore & Stein (4). (Diagram, courtesy of Dr. S. Moore.)

would be insignificant. Unfortunately, the reaction with methionine is pH-independent and proceeds in the range 2 to 8.5

[redacted] about the primary and secondary structure of ribonuclease, investigators have been pursuing such a correlation of the different properties of this protein. Several approaches have been tried. Anfinsen and his group (149, 150) have compared the composition and partial amino acid sequence of bovine and ovine pancreatic ribonuclease. They reasoned that differences in the amino acid sequence should reflect noninvolvement in enzymic activity since the action of these two enzymes *in vitro*