

It is clear from the above that a simple hydrolytic enzyme like RNase I may yield useful information about the overall structural organisation of RNAs. It should be pointed out at this stage that such information is not available from the action of the most widely used pancreatic RNase (RNase A). The preliminary information obtained by the action of RNase I, as discussed above, may turn out extremely useful to establish the three-dimensional structural organisation of various types of RNAs by more sophisticated methods.

ACKNOWLEDGEMENT

This work has been supported by the grants received from the Department of Science & Technology, the Council of Scientific and Industrial Research and the Indian Council of Medical Research.

1. Elson, D., *Biochim. Biophys. Acta.*, 1958, **27**, 216.
2. Neu, H. C. and Heppel, L. A., *Proc. Natl. Acad. Sci. U.S.A.*, 1964, **51**, 1267.
3. Spahr, F. F. and Hollingworth, B. R., *J. Biol.*

- Chem.*, 1961, **236**, 823.
4. Chakraborty, K. and Burma, D. P., *J. Biol. Chem.*, 1968, **243**, 1133.
5. Datta, A. K. and Burma, D. P., *J. Biol. Chem.*, 1972, **247**, 6795.
6. Mukhopadhyay, A. K. and Burma, D. P., *Biochim. Biophys. Acta.*, 1969, **190**, 232.
7. Burma, D. P., *J. Sci. Indian Res. (India)*, 1979, **38**, 31.
8. Burma, D. P., *J. Indian Chem. Soc.*, 1979, **56**, 1049.
9. Burma, D. P., *Proc. Natl. Acad. Sci. (India)*, 1981, **B47**, 17.
10. Raziuddin, Chatterji, D., Ghosh, S. and Burma, D. P., *J. Biol. Chem.*, 1979, **254**, 10575.
11. Strycharz, W. A., Nomura, M. and Lake, J. A., *J. Mol. Biol.*, 1978, **126**, 123.
12. Byasuni and Burma, D. P., *Biochem. Biophys. Res. Commun.*, 1982, **104**, 99.
13. Brot, N. and Weissbach, H., *Mol. Cell. Biochem.*, 1981, **36**, 47.
14. Suddath, F. L., Quigby, G. J., McPherson, A., Edden, D., Kim, J. J., Kim, S. H. and Rich, A., *Science*, 1974, **248**, 20.
15. Robertus, J. D., Ladner, J. E., Finch, J. T., Rhodes, D., Brown, R. S., Clark, B. F. C. and Klug, A., *Nature (London)*, 1974, **250**, 546.
16. Fox, G. E. and Woese, C. R., *J. Mol. Biol.*, 1975, **6**, 61.
17. Jagadeeswaran, P. and Cherayil, J. D., *J. Theoret. Biol.*, 1980, **83**, 369.
18. Bray, G. A., *Anal. Biochem.*, 1960, **1**, 279.

ANNOUNCEMENTS

INTERNATIONAL SEMINAR ON GENETICS AND PUBLIC HEALTH

An International Seminar on Genetics and Public Health will be held at Bhopal during December 10-13, 1982. Delegates from all parts of India and a few eminent Human Geneticists from abroad will be participating in the Seminar and in the simultaneous sessions of IX Annual Conference of Indian Society of Human Genetics during the 10-13 December, 1982.

The last date for submitting abstracts for presentation in any of the sessions (*viz*: Biology of Man in Madhya Pradesh, Genetics and Family care, Genetics and Cancer, Genetics and Twins, Medical Genetics, Population Genetics and Anthropogenetics etc.) is 30th Sept. 1982.

Further information may be had from the Organising Secretary, International Seminar on Genetics and Public Health, Department of Genetics, School of Biological Sciences, Bhopal University, Bhopal.

PROF. T. R. GOVINDACHARI BIRTHDAY COMMORATION AWARD

Prof. O. P. Vig, Professor and Head of the Department of Chemistry, Punjab University, Chandigarh 160 014, has been awarded Prof. T. R. Govindachari 60th Birthday Commoration award in Organic Chemistry for the year 1981-82.