

meable and excreted in urine (Arnold and Price, 1963), in contrast to their doubly-charged nucleoside 5'-phosphate counterparts.

Recent evidence indicates that 3',5'-AMP is an essential intermediate in hormonal regulation of function of some cells (Rall and Sutherland, 1961). It is possible that future investigations will reveal regulatory roles for 3',5'-GMP.

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References

- Arnold, J., and Price, T.D., *Federation Proc.*, 22, 292 (1963).
Butcher, R.W., and Sutherland, E.W., *J. Biol. Chem.*, 237, 1244 (1962).
Drummond, G.I., and Perrott-Yee, S., *J. Biol. Chem.*, 236, 1126 (1961).
Lipkin, D., Cook, W.H., and Markham, R., *J. Am. Chem. Soc.*, 81, 6198 (1959).
Rae, J.J., *Biochem. J.*, 31, 1622 (1937).
Rall, T.W., and Sutherland, E.W., *Cold Spring Harbor Symp. Quant. Biol.*, XXVI, 347 (1961).
Smith, J.D., and Dunn, D.B., *Biochem. J.*, 72, 294 (1959).
Smith, M., Drummond, G.I., and Khorana, H.G., *J. Am. Chem. Soc.*, 83, 698 (1961).
Troll, W., Belman, S., and Nelson, N., *Proc. Soc. Exp. Biol. Med.*, 100, 121 (1959).
Tsuboi, K.K., and Price, T.D., *Arch. Biochem. Biophys.*, 81, 223 (1959).

Erratum

Biochem. Biophys. Res. Commun. 10, 333 (1963), in the communication "Increase in Liver Acetyl / Coenzyme A during Ketosis" by O. Wieland and L. Weiss:

Page 337, Table II, Footnote b, "100 mg of dexamethasone . . ." should read:

"100 μ g of dexamethasone . . ."