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ERRATA

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- Sites and Thermodynamic Quantities Associated with Proton and Metal Ion Interaction with Ribonucleic Acid, Deoxyribonucleic Acid, and Their Constituent Bases, Nucleosides, and Nucleotides. By R. M. Izatt, J. J. Christensen, and J. H. Rytting
- Page 449: The work in references 130 and 131 disproves rather than supports binding of one copper(II) ion simultaneously to the N(3) and N(9) positions of a purine ring. Later work by these authors supports this conclusion: Chem. Commun., 1573 (1970); Nature, 229, 191 (1971); Biochem. Biophys. Res. Commun., 42, 63 (1971). The copper ions are held in pairs by a purine bridge. Within each Cuadenine-Cu unit one copper binds to N(3) and the other to N(9).
- Page 463: Table VI. Reaction 5'-AMP (L), $M^{n+} + H_2L^- + MH_2L^{+n-1}$ should read 5'-AMP (L), $M^{n+} + HL^{2-} = MHL^{+n-2}$ (these complexes are formed with the protonated phosphate group).

Page 463: And first entry on p 464. The log K values from ref 201 under the heading 5'-AMP-M²⁺ were measured in the presence of the metal ion concentrations listed in ref 201 on p 1712. Therefore the given log K values are only "apparent" constants. The charges on several of the complexes are known. Changes

should be made on the indicated pages.

- Page 473: GTP-Cu²⁺ (L), H⁺ + L²⁻ = HL²⁻ (ionic charge of GTP-Cu²⁺ not given) should read Cu(GTP)³⁺ + H⁺ = Cu(HGTP)²⁻.
- Page 474: ITP-Cu²⁺ (L), H⁺ + L²⁻ = HL⁺²⁻ (Base) (ionic charge of ITP-Cu²⁺ not given) should read Cu- $(ITP)^{3-} + H^+ = Cu(HITP)^{2-}$.
- Page 475: TTP-Cu²⁺ (L), H⁺ + L²⁻ = HL²⁻ (ionic charge of TTP-Cu²⁺ not given) should read Cu(TTP)²⁻ + H⁺ = Cu(HTTP)²⁻.
- Page 477: UTP-Cu²⁺ (L), H⁺ + L^{?-} = HL^{?-} (ionic charge of UTP-Cu²⁺ not given) should read Cu(UTP)²⁻ + H⁺ = Cu(HUTP)²⁻.