of the antibody molecules. It is therefore of interest that the addition of DnpNS to MOPC-315 at pH ~7 produces no color change such as is characteristic of binding to antibodies (H. Metzger, personal communication). The results shown in Figures 6 and 7 indicate that DnpNS is indeed bound, if only weakly, to HPC-3 protein, but it is bound in the *ionized* rather than the protonated state at pH 7.4. These facts suggest that the active sites of these myeloma proteins are more hydrophilic than those of elicited antibodies.

Our conclusion is that careful evaluation by several criteria suggests that the *detailed structures* of the active sites of the nitrophenyl-binding myeloma proteins MOPC-315 and HPC-3 are significantly different from those of the major fraction of elicited mouse anti-Dnp antibodies. This conclusion is somewhat at odds with an increasing tendency to regard these myeloma proteins as closely representative of elicited antibodies which bind the same ligands. It introduces a cautionary note, which will no doubt be largely ignored, about the relevance of *detailed* chemical and physical studies of the active sites of myeloma proteins to the active sites of elicited antibodies. In another direction, it should raise further questions about the nature of elicited antibodies, and why they appear, at least in some cases, to have active sites that are very highly selected upon primary immunization with the antigen. For example, as has been extensively studied by Little, Eisen, and their coworkers (*cf.* Eisen *et al.*, 1969), antibodies elicited by Dnp-antigens and by Tnp-antigens are chemically and physically readily distinguishable from one another despite the extensive cross-reactions *in vitro* of Dnp- and Tnp-haptens. These results strikingly demonstrate that more than just binding affinity for a hapten is involved in the selection and stimulation of an anti-hapten–antibody response.

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CORRECTION

On page 4853 of the December 5 (No. 25), 1972, issue of *Biochemistry*, the title was inadvertently omitted from the paper by David B. Finkelstein, John Blamire, and Julius Marmur. The following title should appear: "Isolation and Fractionation of Yeast Nucleic Acids. II. Rapid Isolation of Mitochondrial Deoxyribonucleic Acid by Poly(L-lysine) Kieselguhr Chromatography."