Testicular Germ Cell Tumours: Evaluation of Histology Using Immunohistochemical Techniques

Essay
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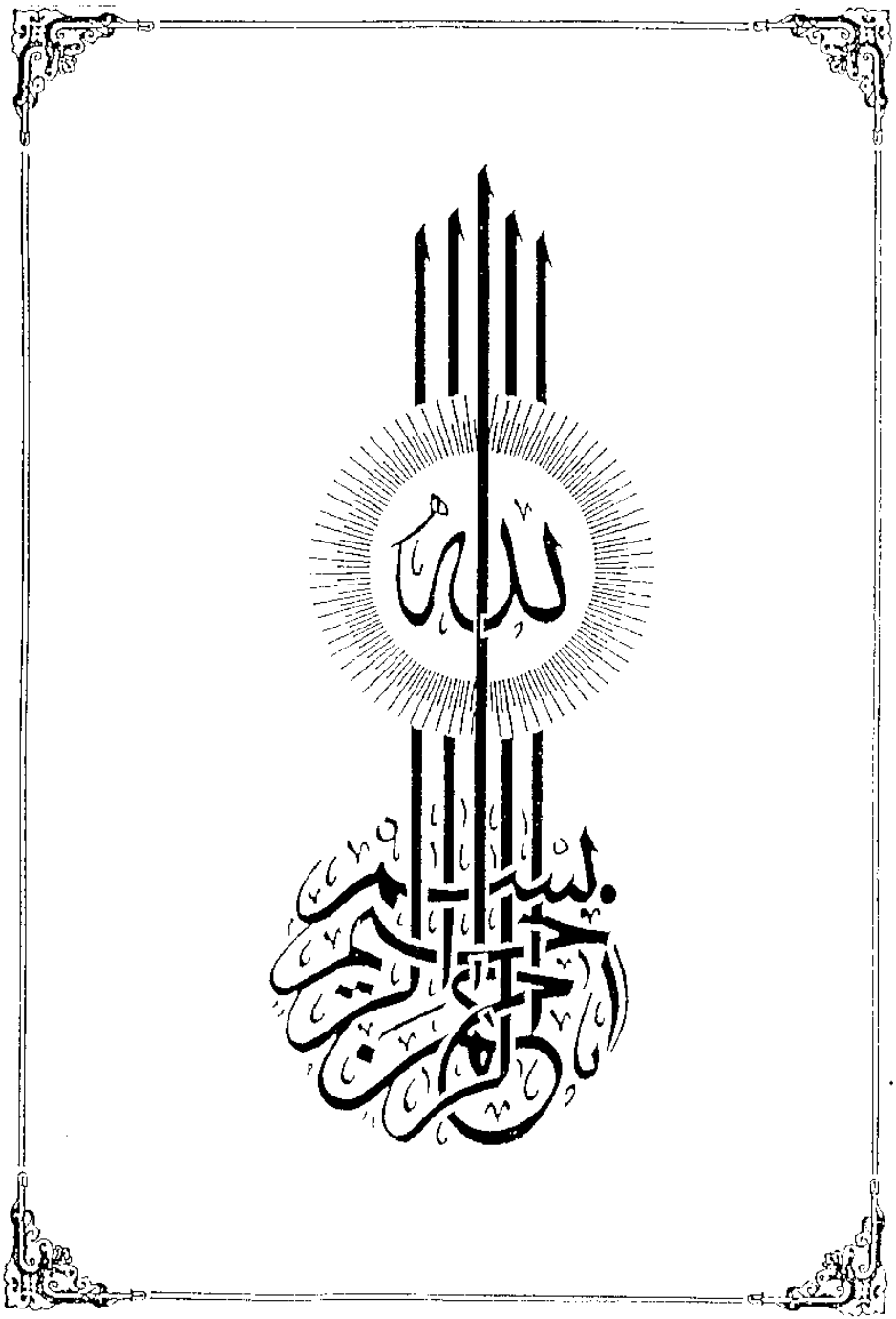

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Abstract

Immunohistchemistry is very important in the assessment of germ cell tumors. The most sensitive marker in diagnosis of seminoma is placental alkaline phosphatase (PLAP). In non seminomatous germ cell tumors: 43-9F monoclonal antibody is the most sensitive marker in diagnosis of embryonal carcinoma, AFP in yolksac tumor and HCG & AFP in teratoma. Regarding carcinoma in situ (CIS): M2A monoclonal antibody assessment is significantly diagnostic for adult cases and 43-9F monoclonal antibody in both pre-pubertal and adult cases.

INTRODUCTION