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| The role of adrenal endogenous in the mare | Thesis Title  |
| 1983 | Year |
| The capacity of the adrenal cortex to synthesis and produce androgens in the mare has been studied in this thesis. The classical histological and ultrastructural studies and in vitro culture of adrenocortical tissue with radioactive cholesterol showed the capability of the adrenal cortex in mare to synthesis and produce testosterone under normal and abnormal conditions. Also, in vivo studies, which includes the measuring of testosterone concentration before and after the injection of dexamethazone and ACTH to overctomized mares raveled the ability of the adrenal cortex to produce significant quantities and testosterone specially after the injection of the ACTH. The results of this work explain the causes of some cases of infertility in the mares due to adrenal hyperplasia and their production of testosterone which affect adversely the fertility of the mare |  Abstract  |