

## Autoradiographic study of (6,7-<sup>3</sup>H) oestradiol-17 $\beta$ incorporation into rat uterus

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(6,7-<sup>3</sup>H) oestradiol-17 $\beta$  incorporation by the rat uterus has been studied using autoradiography. The cytoplasm and/or the cellular membrane of uterine eosinophilic cells seems to incorporate oestradiol in a much greater quantity than the rest of the uterus. The characteristics and localization of these cells are described. Oestradiol incorporation is not modified by changes in incubation temperature (4° or 37°C), by the presence or absence of glucose in the incubation medium, nor by the presence or absence of oxygen. Fixation in formalin, prior to incubation, does not alter labeling. © 1967.