THE EFFECT OF STEROID HORMONES ON THE GROWTH	
PATTERN AND RNA SYNTHESIS IN HUMAN BENIGN	
PROSTATIC HYPERPLASIA IN ORGAN CULTURE	
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	testosterone treated human BPH in organ	MATERIALS AND METHODS
	culture. Human benign prostatic hyperplasia ol	The hyperplastic prostatic tissue was <u>btained by transurethral resection from</u>
	<u>converts testosterone to various 5α meta- 6</u>	patients between 62 and 86 years of age.
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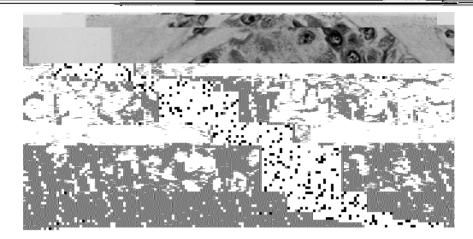
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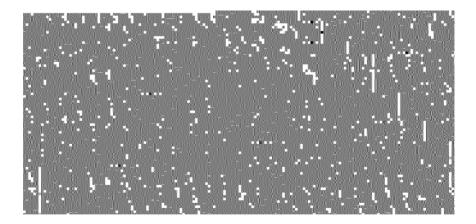


FIG. 3.—Alveolus in human BPH grown for 6 days with testosterone. The enithelium has

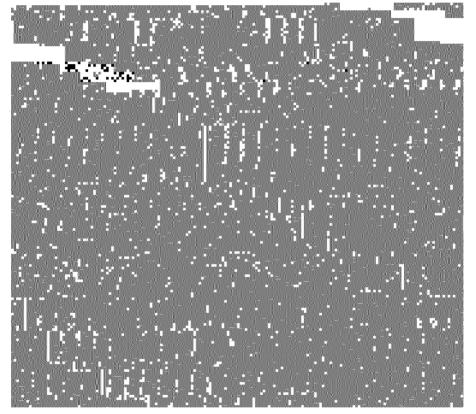


FIG. 5.—Alveolus in human BPH grown for 6 days with 38-androstanediol showing slight cell multi-

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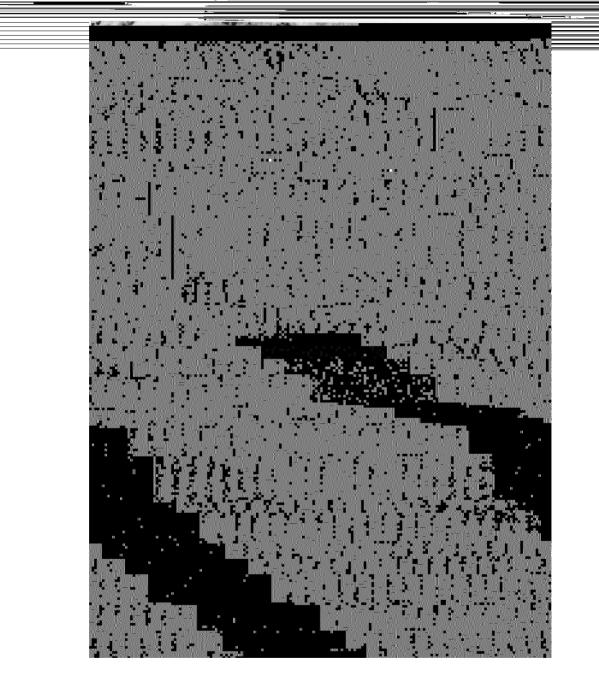


FIG. 7.—Autoradiograph showing uptake of ³H-uridine in alveolar epithelium of human BPH grown for 4 days in non-supplemented control medium. H. and E. $\times 600$. FIG. 8.—Autoradiograph showing uptake of ³H-uridine in alveolar epithelium of human BPH

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