

<<Selenoproteins and M>>

图书基本信息

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### 内容概要

Junqiu Liu · Guimin Luo · Ying

Mu编写的《硒蛋白及其模拟物(英文版)(精)》是一本交叉学科的专著，邀请了国内外硒蛋白领域多位知名教授合作编写，将着重介绍各种硒蛋白的研究现状，特别是对近年来硒酶模拟化学和生物学相关研究进展进行全面综述。

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### 章节摘录

版权页：插图：A role for THs in female reproduction has been suggested for a number of years. Enigmatically, iodine appears to concentrate in the ovary second only to the thyroid. This uptake varies with sexual activities and is enhanced by estrogens and a hypothyroid state and blocked by goitrogens. The physiological significance of ovarian iodine-uptake is yet to be elucidated. Recently, Slebodzinski [73] showed the presence of deiodinase activity capable of generating T3 in the follicular fluid within the ovary of several mammals, suggesting that T3 may be important for oocyte-maturation. Although the testis was long thought to be TH-unresponsive, the D2 enzyme has now been shown to be active in rat testis, where it is concentrated in the spermatids, again suggesting a role for T3 in gamete maturation [74]. Moreover, Anguiano et al.

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