

專題文獻索引

同位素在动物体内的代謝和非
代謝的生理学

中国科学技术情报研究所

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专 题 文 献 索 引

同位素在动物体内的代谢和非代谢的生理学

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編輯說明

目前，同位素示踪法被广泛应用于生理学、生物化学、微生物学、昆虫学、植物生理学等生物学学科的研究中，在我国第一座原子反应堆的建成，并相继也建成了回旋加速器，这将生产出许多种放射性同位素，供给科学研究的应用。为了配合全国各地开展此项研究工作，我们編譯了这个索引，供有关单位参考。

本索引系根据：同位素——在美国的研究和应用的索引（1946—1957年）美国原子能委员会技术情报服务局編輯（Isotopes. A Bibliography of United States Research and Application）并收集苏联生物物理、生物化学、生理学、微生物学国外期刊論文分类索引（1955—1957年）（Биофизика Биохимия Физиология Микробиология Систематический Указатель статей в Иностранных Журналах）和苏联部分国内期刊等編輯而成。

由于時間匆忙，人力不足，以及对这方面知識有限，虽然在編輯过程中，竭尽我們之能力，但疏漏不周，翻譯及編排不当等等錯誤在此难免，恳切盼望国内学者与工作同志給予批評与指教！

动物的代谢生理学

用放射性磷研究家鼠在患四氧嘧啶糖尿病时磷酸腺苷的代谢

(Изучение обмена аденозинфосфорных кислот у крыс при аллоксановом диабете при помощи радиофосфора. А. В. Котельникова и В. В. Соломатина.), Биохимия, 22, 6, 954-963. (1957). 0001

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(Action of Human Chorionic Gonadotropin upon the Metabolism of Phosphorus in the Thymus of Hypophysectomized Immature Rats. U. Borell and E. Diczfalusy.) Endocrinology 49, 189-96 (1951). 00011

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(Alternative Pathways of Glucose Metabolism. I. Distribution of Radioactivity from Glucose-1-C-14 in Acid-soluble and Acid-insoluble Fraction of Tumor and Normal Tissue. H. Schmitz, V. R. Potter and R. B. Hurlbert.) *Cancer Research* 14, 58-65 (1954). 00022

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