

down. When the concentration of trehalose was highest THP formed 21 % of trehalose. Details of the experiments will be published later.

The investigation is to be continued with paperchromatographic analysis and with attempts to isolate THP and F-1-P.

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### On the Intestinal Absorption of Phospholipids in the Rat

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Earlier works on phospholipids by Artom and Swanson<sup>1</sup> and Bloom *et al.*<sup>2</sup> have been extended.

The mechanism concerned with the absorption of phospholipids has been studied on the rat using phospholipids, labelled in the glycerol, fatty acid or phosphate portions of the molecule and the distribution of radioactivity in the

collected lymph from the thoracic duct has been studied.

The experimental data demonstrate that phospholipids are hydrolyzed to a considerable extent during their absorption. Glyceride glycerol is utilized for the synthesis of lymph phospholipids and phospholipid glycerol for glycerides indicating an interconversion of these lipids during absorption.

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### On the Chemical Nature of the FMN-binding Groups in the Old Yellow Enzyme

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*Acta Chem. Scand.* **8** (1954) 1489.

### Kinetics of Alcohol Dehydrogenases, Studied with the Aid of a Fluorescence Recorder

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*Acta Chem. Scand.* **8** (1954) 1490.