

## Hormonal Interactions

ULF S. VON EULER, M.D., Chairman

Regulation of Catecholamine Metabolism in the Sympathetic Nervous System. U. S. VON EULER.....	365
Regulation of Monoamine Metabolism in the Central Nervous System. A. CARLSSON, W. KEHR, M. LINDQVIST, T. MAGNUSSON AND C. V. ATACK.....	371
The Secretary Cycle in the Adrenal Medulla. NORMAN KIRSHNER AND O. H. VIVEROS..	385
Role of Adenosine 3',5'-Monophosphate (Cyclic AMP) in Actions of Catecholamines. THEODORE W. RALL.....	399
Adrenocortical Control of the Biosynthesis of Epinephrine and Proteins in the Adrenal Medulla. R. J. WURTMAN, L. A. POHORECKY AND B. S. BALIGA.....	411
Report on the Discussion of the Fourth Session. JACQUES DE CHAMPLAIN.....	427
Subject Index.....	431

## No. 3, SEPTEMBER 1972

Subcellular Localisation of Noradrenaline in Sympathetic Neurons. A. D. SMITH.....	435
Erythropoietin: Pharmacology, Biogenesis and Control of Production. JAMES W. FISHER.....	459
Purinergic Nerves. G. BURNSTOCK.....	509

## No. 4, DECEMBER 1972

The Membrane Actions of Anesthetics and Tranquillizers. PHILIP SEEMAN.....	583
Autonomic Nervous Control of Reproduction: Circulatory and Other Factors. CHRISTOPHER BELL.....	657

Statement of Ownership, Management and Circulation required by the Act of October 23, 1963; Section 4309, Title 39, United States Code.

1. *Date of Filing:* October 1, 1972.
2. *Title of Publication:* Pharmacological Reviews.
3. *Frequency of Issue:* Quarterly.
4. *Location of known Office of Publication:* 428 E. Preston St., Baltimore, Md. 21202.
5. *Location of the Headquarters or General Business Offices of Publisher:* 428 E. Preston St., Baltimore, Md. 21202.
6. *Publisher:* The Williams & Wilkins Company, 428 E. Preston St., Baltimore, Md. 21202.
7. *Editor:* Dr. Marion deV. Cotten, Medical College of Georgia, Augusta, Ga. 30902.

7. *Owners:* (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual, must be given.) American Society for Pharmacology and Experimental Therapeutics Inc., 9650 Rockville Pike, Bethesda, Md. 20014. No stockholders.

8. *Known bondholders, mortgagees and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities are:* None.

9. Paragraphs 7 and 8 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, also the state-

ments in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner. Names and addresses of individuals who are stockholders of a corporation which itself is a stockholder or holder of bonds, mortgages or other securities of the publishing corporation have been included in Paragraphs 7 and 8 when the interests of such individuals are equivalent to 1 percent or more of the total amount of the stock or securities of the publishing corporation.

	(a)*	(b)†
10. A. Total No. Copies Printed (Net Press Run).....	4224	4278
B. Paid Circulation		
1. To term subscribers by mail, carrier delivery or by other means).....	2449	2538
2. Sales through agents, news dealers or otherwise.....	—	—
C. Free Distribution (including samples), by mail, carrier delivery or by other means.....	20	19
D. Total No. of copies distributed.....	2469	2557

\* Average no. of copies for each issue during preceding 12 months.

† Single issue nearest to filing date.

I certify that the statements made by me above are correct and complete. (Signed) Mary G. MacIsaac, Publisher.