

PHYSIOLOGICAL SOCIETY.

A General Meeting will be held in the University Laboratory of Physiology, Oxford, on Saturday, July 5th, at 3 p.m.

DEMONSTRATIONS.

1. **I. de Burgh Daly.**—"The Neon Tube as a stimulating apparatus."
2. **E. Walker** (introduced by **R. A. Peters**).—"A nitroprusside reaction given by skin."
3. **B. T. Squires** (introduced by **R. A. Peters**).—"Effect of light and C(H) upon uroporphyrin."
4. **R. A. Peters.**—"A modified Claisen vacuum distillation apparatus."

COMMUNICATIONS.

1. **Graham Lusk.**—"The constancy of the basal metabolism."
2. **C. F. Watts** (introduced by **E. D. Adrian**).—
 - (a) "The effect of curare on the excitability of muscle."
 - (b) "The relation between the electric response and the tension developed in skeletal muscle."
3. **F. Buchanan.**—
 - (a) "Subjective Colour Sensations."
 - (b) "Entopic Perception of Depth."
4. **B. J. Collingwood.**—"The method of transport of oxidised carbon from the tissues to the blood."
5. **A. St. G. Huggett and J. Mellanby.**—"Adrenalin and the central nervous system."

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6. **H. E. Roaf.**—"A simple device whereby certain persons with hypochromatic vision can perceive colour differences."
7. **J. G. Woolham** (introduced by **F. W. Lamb**).—"Physical fitness of schoolboys."
8. **P. C. Raiment and Vincent Coates.**—"A note on the calcium content of blood sera in gouty people."
9. **R. A. Peters.**—"The effect of nitrous acid upon the antineuritic properties of yeast extract."
10. **M. L. Anson, J. Barcroft and A. Mirsky.**—"The relation between gas-binding properties and spectrum of crystallised haemoglobin."
11. **G. L. Peskett.**—"Allelocatalysis and the growth of yeast."
12. **J. Mellanby and V. J. Woolley.**—"Haemolysis of red corpuscles by alkali."
13. **Andrew Hunter and James H. Dauphinee.**—
 - (a) "An indicator method for the estimation of urea and its application to the determination of arginase."
 - (b) "The occurrence and concentration of arginase in the organs of fishes and other animals."

Dinner will be held at Magdalen College at 7.30 p.m. Members desiring to dine should inform H. M. MacKeith, Esq., Magdalen College, Oxford, not later than the **first post, Saturday, July 5th, 1924.**

The next Meeting will be held at Guy's Hospital, on Saturday, October 18th, 1924. Titles of Communications to be sent to Prof. J. Mellanby, St. Thomas' Hospital, S.E. 1, and Abstracts for the Proceedings to Dr. E. D. Adrian, F.R.S., Trinity College, Cambridge, before October 7th.

J. MELLANBY, {
E. D. ADRIAN, { *Hon. Secs.*

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PHYSIOLOGICAL SOCIETY.

DEMONSTRATIONS.

1. J. de Burgh Daley. — The X-ray tube as a stimulating apparatus.
2. E. Walker introduced by R. A. Foster. — A new method for the study of the effects of light on the eye.
3. R. T. Spence introduced by R. A. Foster. — The effect of light on the eye.
4. R. A. Foster. — A method for the study of the effects of light on the eye.

COMMUNICATIONS.

1. Graham Funk. — The contractility of the heart muscle.
2. G. F. Watts introduced by R. D. Adams. — (a) The effect of drugs on the contractility of the heart muscle. (b) The relation between the contractility of the heart muscle and the amount of oxygen consumed.
3. F. Bachman. — (a) The effect of drugs on the contractility of the heart muscle. (b) The relation between the contractility of the heart muscle and the amount of oxygen consumed.
4. E. J. Collingwood. — The method of measuring the amount of oxygen consumed by the heart muscle.
5. A. St. G. Huggan and J. McIlhenny. — A method for the study of the effects of light on the eye.