Observations upon the Filterability of Bacteria, including a Filterable Organism Obtained from Cases of Influenza: Professor Arthur Isaac Kendall

Arrest of Geologic, Archeologic and Paleontologic Work in Central Asia: President Henry Field Osborn

Obituary:
Aldred Scott Warthin: Dr. Peyton Rous. Memorials; Recent Deaths

Scientific Events:
The Jubilee Meeting of the British Society of Chemical Industry; The Buckstow-Browne Surgical Research Farm; The Sixth International Congress of Genetics

Scientific Notes and News

Discussion:
Reduction of Oxyureiferin by Atomic Hydrogen: Professor E. Newton Harvey and Dr. G. I. Lavin. "The Possible Role of Micro-organisms in the Precipitation of Calcium Carbonate in Tropical Seas": Dr. Chas. B. Lipman. Inherited Taste Deficiency: Dr. L. H. Snyder. Getting the Student to Use His Own Intellect: Dr. M. Louise Nichols. Positive Gas Pressure in Poplar: Professor Frank C. Gates

Societies and Academies:
The North Carolina Academy of Science: Dr. H. R. Totten. The Virginia Academy of Science: Dr. E. C. L. Miller

Scientific Apparatus and Laboratory Methods:
Ruthenium Tetroxide as a Fixative in Cytology: Dr. D. C. Carpenter and Dr. B. R. Nebel. Method for Locating the Larvae of the Mosquito Malaria: T. E. McNeil

Special Articles:
On Atmospheric Electricity: Professor C. S. Dorchester and Professor L. W. Butler. Use of Protozoa in Measuring the Neutralizing Value of Cobra Anti-Serum: Dr. Charles H. Philpott

Science News

SCIENCE: A Weekly Journal devoted to the Advancement of Science, edited by J. McKeen Cattell and published every Friday by

THE SCIENCE PRESS
New York City: Grand Central Terminal
Lancaster, Pa. Garrison, N. Y.
Annual Subscription, $6.00 Single Copies, 15 Cts.

SCIENCE is the official organ of the American Association for the Advancement of Science. Information regarding membership in the Association may be secured from the office of the permanent secretary, in the Smithsonian Institution Building, Washington, D. C.

OBSERVATIONS UPON THE FILTERABILITY OF BACTERIA, INCLUDING A FILTERABLE ORGANISM OBTAINED FROM CASES OF INFLUENZA

STUDIES IN BACTERIAL METABOLISM, CI

By Professor Arthur Isaac Kendall

Department of Research Bacteriology, Northwestern University Medical School, Chicago, Illinois

There is a heterogenous group of formidable diseases of man and animals, including some of the most rapidly spreading infections, whose inciting agents have thus far eluded cultivation upon artificial media. There can be little doubt that the incitants of this group are living entities and their cultivation outside the body should, judging from past experience in bacteriology and preventive medicine, be helpful, not only in solving important problems of their life history, but also in approaching the solution of prophylactic and curative measures. A few of these "viruses" are said to have been kept alive for periods of time in presence of large amounts of blood, or pieces of tissue from recently killed animals, but by common consent, this limited, restricted development is not regarded as equivalent to cultivation in the usual bacteriological sense.

1 The James A. Patten Lecture in Bacteriology, Northwestern University Medical School, Chicago, Illinois, July 22, 1931.