

# BACTERIOLOGICAL REVIEWS

FOUNDED IN 1937

*Published by the* SOCIETY OF AMERICAN BACTERIOLOGISTS

---

VOLUME 9      *September and December, 1945*      NUMBER 3-4

---

*Editor*

**BARNETT COHEN**

The Johns Hopkins Medical School  
Baltimore 5, Md.

*Associate Editors*

GEORGE P. BERRY

N. PAUL HUDSON

W. C. FRAZIER

CARL S. PEDERSON

C. B. VAN NIEL



## *Contents*

Yeast Genetics: Life Cycles, Cytology, Hybridization, Vitamin Synthesis, and Adaptive Enzymes. CARL C. LINDEGREN . . . . . 111

## CONTENTS

### No. 1. MARCH, 1945

Physical Methods of Sterilization of Microorganisms. OTTO RAHN. 1

### No. 2. JUNE, 1945

Relation of Bacteria to Vitamins and Other Growth Factors. W. H. PETERSON AND MARY S. PETERSON ..... 49

### No. 3-4. SEPTEMBER-DECEMBER, 1945

Yeast Genetics: Life Cycles, Cytology, Hybridization, Vitamin Synthesis, and Adaptive Enzymes. CARL C. LINDEGREN ..... 111