# Table of Contents

**EDITOR'S INTRODUCTION**
Carl Djerassi

**GLOSSARY OF ABBREVIATIONS**

1. **THE PROTECTION OF CARBONYL AND HYDROXYL GROUPS**
   John F. W. Kean
   1

2. **SELECTIVE OXIDATIONS OF POLYHYDROXY STEROIDS AND NON-CATALYTIC SELECTION OF REDUCTIONS OF POLYCARBONYL STEROIDS**
   Pedro J. Neustaetter
   89

3. **INTRODUCTION OF FLUORINE INTO THE STEROID SYSTEM**
   J. W. Chamberlin
   155

4. **PREPARATION AND DEHYDROHALOGENATION OF α-BROMO, α-CHLORO AND α-iodo KETOSTEROIDS**
   Phillip A. Hart
   179

5. **THE INTRODUCTION OF DOUBLE BONDS**
   Raymond Owyang
   227

   Frederic J. Kakis
   267

7. **METAL AMMONIA REDUCTIONS OF STEROIDAL ENONES, SATURATED KETONES AND KETOLS**
   J. Edward Starr
   299

8. **RECENT APPLICATIONS OF PHOTOLYTIC AND RELATED PREPARATIVE METHODS IN THE STEROID FIELD**
   John M. Erikson and Dennis L. Forbess
   327

9. **SELECTIVE AROMATIZATIONS OF STEROIDS**
   Robert H. Shapiro
   371

10. **CONVERSION OF 20-KETOSTEROIDS TO 17-KETOSTEROIDS**
    Dorothy M. Feigl
    403

11. **RING CONTRACTION OF STEROIDS**
    Betty G. McFarland
    427

12. **INSERTION OF HETERO ATOMS INTO THE STEROID NUCLEUS**
    László Tökés
    457

13. **PREPARATION OF STEROIDAL α-HYDROXY AND α-ACETOXY KETONES**
    Catherine Fenselau
    537

14. **FORMATION AND REACTIONS OF EPOXIDES AND EPISULFIDES**
    Judith G. Phillips and Vernon D. Parker
    593