

CONTENTS

Foreword	(i)
Contributors	(ii)
Organizing committee	(iii)
Guest speakers	(iv)
Participants	(v)
<u>Part 1 New synthetic methods</u>	Page
Professor Marcel Fetizon	
Silver carbonate oxidation: a review	
Professor Wolfgang Steglich	
Some new reagents for acylation reactions	3
Synthetic procedures based on oxazolin-5-one chemistry	6
Professor Alan N. Hughes	
New methods of catalytic hydrogenation	17
Synthetic methods in phosphorus chemistry	37
Dr. Thanin Utawanit	
Alkylcoppers and dialkylcuprates in synthesis	55
Dr. Samran Bhu-Anantanondh	
Electrochemical synthesis of organic compounds	63
Dr. A.A. Leslie Gunatilaka	
Synthetic uses of steroidal ring B diene protection	75
<u>Part 2 Synthesis of alkaloids</u>	
Professor Arnold Brossi	
Aporphine alkaloids - some novel chemistry	93
Professor Yoshio Ban	
Studies on the synthesis of indole alkaloids	95
Dr. Apichart Suksamrarn	
Biogenetic-type synthesis of alkaloids	98
Dr. Surachai Nimchirawat	
Some recent advances in the total synthesis of aporphine alkaloids	119

Dr. Udom Kokpol	
The chemistry of camptothecin	129

Part 3 Synthesis of **terpenoids**

Professor Marcel Fetizon	
Synthesis in the field of terpenoids	133
Professor Erich Hecker	
Partial synthesis of cocarcinogenic and irritant phorbol esters	139
Oxidation patterns and rearrangements of the tigliane skeleton in phorbol	141
New toxic irritant and cocarcinogenic diterpene esters from Euphorbiaceae and Thymeleaceae	142
Professor Eichi Fujita	
Total synthesis of enmein , a 6,7-secokaurene diterpenoid	145
Synthesis of gibberellins A₁₅ and A₃₇	147
Dr. Pirawan Bhanthumnavin	
Synthesis of some cyclic diterpenes	149

part 4 **Biosynthesis** of natural toxins

Professor Christoph Tamm	
Biosynthesis of the cytochalasans	155
Group discussions	157

