

CONTENTS

	<i>opposite title page</i>
FRONTISPIECE	v
I ERRATA	vii
II FOREWORD	<i>Chamlong Harinasuta</i>
III EDITORS' NOTE	<i>A. A. Sandosham & V. Zaman</i>
IV COMMITTEES	ix
V LIST OF PARTICIPANTS	xiv
VI OFFICIAL OPENING	xv
VII WORKING PAPERS AND DISCUSSIONS:	xvi

IMMUNITY

CHAIRMAN :	<i>Prof. R. Desowitz</i>	
RAPPORTEUR :	<i>Dr. Mulkit Singh</i>	
1. Immunity and Immune Reactions	<i>V. Zaman</i>	1
2. Immunization against Malaria – a Review	<i>R. S. Desowitz</i>	7
3. Immunity in Amoebiasis	<i>Savanat Tharavanij</i>	22
4. Immunofluorescence, Serum Proteins in Malaysians and its Reference to Parasitic Infections	<i>B. Bisseru</i>	39
5. Immunity in Intestinal Infections	<i>B. Bisseru</i>	48
6. Immunity to Intestinal Helminthic Infections	<i>Savanat Tharavanij</i>	56
7. Further Cross-Infection Immunity Studies of Three Strains of <i>Angiostrongylus cantonensis</i> (Nematoda: Metastrongylidae)	<i>Lim Boo Liat and D. Heyneman</i>	68
8. Haemagglutination Test of Rat Sera infected with <i>Angiostrongylus cantonensis</i>	<i>M. Kamiya</i>	73
9. Immunity in Toxoplasmosis	<i>V. Zaman</i>	76

FILARIASIS

CHAIRMAN :	<i>Professor A. A. Sandosham</i>	
RAPPORTEUR :	<i>Dr. C. P. Ramachandran</i>	
10. An Introduction to Epidemiology and Control of Filariasis	<i>M. Sasa</i>	89
11. Clinical and Immunological Aspects of Filariasis	<i>Sri Oemijati</i>	98
12. Notes on Immunization Studies Against Filarial Infections	<i>H. J. Fredericks and C. P. Ramachandran</i>	103
13. The Complement Fixation Tests in Cotton Rat Filariasis	<i>H. Tanaka, J. Kobayashi, M. Kamiya, K. Fujita and A. Ishii</i>	113
14. Purification and Recovery of the Antigen for Haemagglutination Test from Adult <i>Litomosoides carinii</i> , the Cotton Rat Filaria	<i>H. Tanaka, M. Kamiya, K. Fujita and M. Sasa</i>	114
15. The Effect of Suppressive Therapy on Immunity in Laboratory Rats and a Monkey Infected with <i>Angiostrongylus cantonensis</i> (Malayan strain)	<i>B. Bisseru</i>	115
16. The Pathology of Classical Filariasis due to <i>Wuchereria bancrofti</i> and <i>Brugia malayi</i> and a Discussion of Occult Filariasis	<i>Lie Kian Joe and A. A. Sandosham</i>	125

17. Studies on the Transmission of <i>Wuchereria bancrofti</i> to Animals in the Laboratory	<i>C. P. Ramachandran and S. Sivanandam</i>	136
18. The Chemotherapy and Control of Filariasis	<i>T. Wilson</i>	139
19. Genetics in Control of Filariasis	<i>Vijayama Thomas</i>	144
20. Control of Filariasis in Ceylon	<i>A. S. Dissanaïke</i>	149
21. Epidemiological Methods in Filariasis	<i>C. Harinasuta</i>	162
22. The Vectors of <i>Wuchereria bancrofti</i> and <i>Brugia malayi</i> in South-east Asia	<i>S. Ramalingam, P. Guptavanij and C. Harinasuta</i>	172
23. South-east Asian Filarioids with Special Reference to those Normally Parasitic in Vertebrates other than Man	<i>F. L. Dunn and C. P. Ramachandran</i>	194
24. The Status of Research and Study of Filariasis in Ceylon	<i>A. S. Dissanaïke</i>	210

VIII LABORATORY DEMONSTRATIONS:

1. Study on cholera carriers in Thailand	<i>Chamlong Harinasuta et al.</i>	219
2. The nature of the protein in C.S.F. in normal and <i>P. knowlesi</i> infected monkey	<i>Panata Migasena and B. G. Maegraith</i>	200
3. Total protein in the cerebral fluid during <i>P. knowlesi</i> malaria infection	<i>Panata Migasena and B. G. Maegraith</i>	220
4. Immuno-electrophoresis: the components of the protein in cerebro-spinal fluid in normal and <i>P. knowlesi</i> infected monkey.	<i>Panata Migasena, M. Gillis and B. G. Maegraith</i>	221
5. Distribution of malaria cases in Singapore, 1964-1967	<i>M. J. Colbourne and A. J. Chen</i>	222
6. Failure to transmit <i>P. feldi</i> from monkey to man	<i>G. L. Coombs, H. J. Fredericks and W. H. Cheong</i>	222
7. A brief summary on the distribution of simian malaras in Malaya	<i>W. H. Cheong, G. L. Coombs and H. J. Fredericks</i>	223
8. The cultivation and histochemistry of <i>Balantidium</i> from guinea pig	<i>Kan Sau Pheng</i>	225
9. A survey of the parasites of the monitor lizard <i>Varanus salvator</i> in Singapore	<i>S. P. Kan and Mulkit Singh</i>	226
10. Does Spherocytosis occur in 'Black Water Fever'?	<i>Mongkok Kruatrachue, Tranakchit Harinasuta and Supa Na-Nakorn</i>	228
11. The effect of size on the susceptibility of <i>Lymnaea rubiginosa</i> to infection with <i>Euchinostoma audyi</i>	<i>C. K. Ow-Yang, Kwo Eh Hoa and Lie Kian Joe</i>	229
12. Acquired immunity in experimental <i>Schistosomiasis spindale</i>	<i>S. Sornmani and S. Tirachuntra</i>	229
13. Six more cases of human infection with <i>Bertiella studeri</i> in Sumatra, Indonesia	<i>Kwo Eh Hoa and Koh It Hiong</i>	230
14. Morphological changes in <i>Trichuris</i> eggs in patients treated with thiabendazole	<i>C. K. Ow-Yang, Kwo Eh Hoa, Lie Kian Joe and D. A. McKay</i>	234
15. Observations on the brains of laboratory rats infected with <i>Angiostrongylus cantonensis</i>	<i>B. Bisseru, Lim Kee Chong and M. Poopalachelvam</i>	235
16. <i>Dirofilaria repens</i> infection in man in Ceylon	<i>A. S. Dissanaïke</i>	235
17. <i>Angiostrongylus cantonensis</i> (rat lungworm) infection in laboratory-bred snails.	<i>B. Bisseru and A. Perianan</i>	236
18. Malayan and Bancroftian filariasis in Thailand	<i>Chamlong Harinasuta, Supat Sucharit and Pensri Guptavanij</i>	239
19. The sporogonic cycle of <i>P. cynomolgi</i> isolated from <i>A. b. balabacensis</i> in four species of mosquito	<i>W. H. Cheong and G. L. Coombs</i>	239
20. A factor in the control of <i>A. hackeri</i> numbers in nature—Predators.	<i>W. H. Cheong and S. Mahadevan</i>	241

21.	A note on the gonotrophic cycle of three species of anophelines as observed in the laboratory	<i>W. H. Cheong and F. L. Sta Maria</i>	241
22.	The effect of slow drying of <i>A. balabacensis</i> eggs on larval hatching	<i>W. H. Cheong and F. L. Sta Maria</i>	242
23.	Effects of abate, dursban, OMS-1211 on the feeding activity of the mosquito eating fish, the guppy	<i>Yupa Rangsiyam, Shunnosuke Hirakoso and Surapon Prownebon</i>	243
24.	Observations on mudskippers (<i>Periophthalmus</i> spp.) as hosts for mosquitoes, <i>Aedes</i> (<i>Rhinokusea</i>) in mangrove swamp (with film commentary)	<i>R. Garcia and J. Jeffery</i>	244
25.	Developmental changes in the protein constitution of mosquitoes as revealed by disc electrophoresis	<i>R. S. Desowitz</i>	245
26.	A preliminary report on tick abundance in Malayan forests	<i>Lim Boo Liat and R. Garcia</i>	246
27.	Some common ticks of domestic animals in West Malaysia	<i>C. Rajamanickam</i>	250
28.	Some poorly known animals associated with the black sea-urchin <i>Diadema setosum</i> in Malaya	<i>R. U. Gooding</i>	251
ix	CLOSING ADDRESS	<i>A. A. Sandosham</i>	253
x	CONCLUDING REMARKS	<i>Chamlong Harinasuta</i>	257

COLOUR PLATES

Toxoplasmosis	<i>facing</i>	80
Occult filariasis	<i>,,</i>	130