CURRICULUM VITAE **03/2014**

Ross Hector ANDREWS
Date of Birth: 07/09/1950
Married
Two children (32 and 29 years)

Current Position

International Professor [*Research-Postgraduate Education*]
International Affairs Office
Liver Fluke & Cholangiocarcinoma Research Centre
Department of Parasitology
Faculty of Medicine
Khon Kaen University
Thailand 400002
Email: rhandrews@gamil.com

Professor Parasitology
Faculty of Medicine
Imperial College, London
London UK

A. Educational Qualifications

1983 PhD. Flinders University of South Australia.
1978 BSc. (Hons) Flinders University of South Australia
1976 BSc. Flinders University of South Australia

B. Previous Career Positions

Oct 2013- present Scientific **manuscript reviewer** Faculty of Medicine Publication Clinic Khon Kaen University.
2011- Oct 2013 Scientific **manuscript reviewer** Khon Kaen University Publication Clinic for the following Faculties: **Medicine, Nursing, Associated Medical Sciences, Science, Agriculture, Engineering.**

2010- 2011	Visiting International Research Fellow, Geography Department, National University Singapore
2009 2010	International Research Professor, Department of Parasitology, Faculty of Medicine Khon Kaen University Thailand
2002-2006	Associate Professor – Research, Public Health Division, University of South Australia, SA, Australia
2000- 2008	Director, OLYMPUS Imaging Unit, University of South Australia, SA, Australia
2007	International Research Professor, Department of Parasitology, Faculty of Medicine Khon Kaen University Thailand
2001-2003	Specialist Editor: *International Journal for Parasitology*
1999-2001	Executive Panel Member: Australian Research Council - Biological Sciences
1999-2002	Senior Research Fellow: Environmental Science Department, The University of Adelaide, SA, Australia.
1995-1999	Australian Research Council Senior Research Fellow, The University of Adelaide, SA, Australia
1993-1994	Research Fellow, Faculty of Medicine, The University of Adelaide, SA, Australia
1991-1994	Specialist Editor, *International Journal for Parasitology*
1990-1992	Chief Investigator: Australian Research Council National Priority Research Area
1986-1989	Research Fellow, South Australian Museum, SA, Australia.

1985 Lecture A, School of Biological Sciences, Flinders University of SA, Australia.
1984-1985 Research Fellow, School of Biological Sciences, Flinders University of SA, Australia.
1981-1983 National Institutes of Health (NIH) Research Fellow, Georgia Southern University, Georgia, USA
1976-1981 Demonstrator/Tutor (casual), Biological Sciences, Flinders University of SA, Australia.
1972 -1973 Secondary School Teacher (Biology & Science), St Mary's College, SA, Australia

Awards & Fellowships

1999 The Bancroft-Mackerras Medal awarded by the Australian Society for Parasitology for outstanding contributions to the scientific discipline of Parasitology.
1999 Fellow of the Royal Society South Australia Museum
1995 Australian Research Council: Senior Research Fellowship
1985 Fogarty International Research Fellowship

Professional Contributions

1988- present Member Australian Society for Parasitology
1990- present Member The Royal Society South Australian Museum
1998-2001 Member, The University of Adelaide Research Committee.
1999 Convenor, The University of Adelaide Public Relations Review Committee
1998 Vice President, Australian Society for Parasitology
1997-1998 President of the Australian Society for Parasitology.
1997-1998 Member, Research Committee, Microbiology & Immunology Department The University of Adelaide, SA, Australia.
1996-1998 Convenor, Occupational Health & Safety Committee, Microbiology & Immunology Department, The University of Adelaide, SA, Australia
1996 President Elect, Australian Society for Parasitology.
1996-1997 Member ANZLAS Steering Committee for Laboratory Animal Monitoring.
1994-1995 Council Member, Australian Society for Parasitology
1993-1995 Director, Australian Society & New Zealand Society for Parasitology Scientific Meeting, Adelaide, S.A., Australia, 1995.
1988- present Referee for the Australian Research Council. (Cooperative Research Centres Program, Fellowships, Large/Small grants), National Health & Medical Research Council (Project Grants, Fellowships), Australian Government Department of Industry, Science & Technology (International Science & Technology Research Programs), and numerous scientific journals.

C. Research Grants awarded [since 1990]

2010-2012 Thailand Research Fund	[66,660]
2011-2012 Khon Kaen University Research Fund	[32,000
2006 Australian Competitive Grant Development Scheme (UniSA)	[25,000]
2003-2006 Wellcome Trust Foundation Collaborative Initiative Grant	[$100,000]
2003 UniSA Development Grant	[10,000]
2002-Sir Mark Mitchell Research Foundation	[$10,000]
2002 Murine Virus Monitoring Service	[$76,000]
2002 Institute of Medical & Veterinary Science	[$20,000]
2002 Colgate Dental Centre, Adelaide	[$2,000]

2001 Sir Mark Mitchell Research Foundation		[$10,000]
2000 ARC Small Grant		[$10,000]
2000 Australian Dental Research Foundation		[$5,000]
1999-2001 ARC Strategic Partnerships with Industry	ARC FUNDING	[$270,000]
	INDUSTRY FUNDING	[$292,882]
1999 ARC Small Grant		[$10,000]
1999 Sir Mark Mitchell Research Foundation		[$18,651]
1999 Sir Mark Mitchell Research Foundation		[$2,050]
1997 Australian Research Council Small Grant		[$10,000]
1996-1998 Australian Research Council Collaborative Grant	ARC FUNDING	[$213,000]
	INDUSTRY FUNDING	[$237,054]
1996-1998 Australian Research Council Large Grant		[$156,235]
1996 Australian Research Council Small Grant		[$9,000]
1996 University of Adelaide, Inter-Faculty Research Grant		[$28,000]
1995-1999 Australian Research Council Senior Research Fellowship		[$378,000]
1995-1997 Australian Research Council Large Grant		[$169,000]
1995-1996 Australian Dental Foundation Inc.		[$9,000]
1993-1994 University of Adelaide, Faculty of Medicine Research Grant.		[$116,000]
1993 University of Adelaide, Faculty of Dentistry Research Grant.		[$2,500]
1991 Wildlife Conservation Fund of SA.		[$8,000]
1990-1992 Australian Research Council, National Priority Research		[$198,000]
	TOTAL	**$AUD2,494,032**

D. Scientific Output

148 publications in internationally refereed journals including; 9 Book Chapters, 6 Invited Reviews (refereed), 5 Key Note Papers, 2 as Editor: Special Issues: *International Journal for Parasitology* and *Parasitology International*, 1 scientific magazine article and 127 individual refereed Scientific Publications.

All manuscripts have been refereed and published in 34 different international journals, namely; *Oecologia, Animal Behaviour, Heredity, Molecular Biology and Evolution, International Journal for Parasitology, Parasitology, Parasitology Today, Journal of Parasitology, Systematic Parasitology, Parasitology Research, Parasitology International, Experimental Parasitology, Journal of Helminthology, Acta Tropica, Southeast Asian Journal of Tropical Medicine and Public Health, Acarology, Systematic & Applied Acarology, Journal of Medical Entomology, Journal of General Microbiology, Clinical Microbiology and Immunology, Oral Microbiology and Immunology, International Journal of Systematic Bacteriology, FEMS Microbiology Letters, Journal of Eukaryotic Microbiology, Experientia, Australian Journal of Botany, Australian Journal of Zoology, Transactions of the Royal Society of South Australia, Limnology, Infection,Genetics and Evolution, Trends in Parasitology, American Journal of Tropical Medicine and Hygiene, Emerging Infectious Diseases, Science.*

E. Research Fields and Current Interests

The underlying theme of my research endeavours these past 36 years is the importance of accurate identification and characterisation of parasites and pathogens of public, environmental and economic importance to our understanding of ecological and evolutionary processes. I have employed traditional

(morphological) and contemporary (genetic and molecular) techniques to achieve this goal as well as an in depth knowledge, appreciation and background of the biology of a wide range of animals and plants, including their interactions with the environment. My research has encompassed a wide range of medically important protozoan, arthropod and helminth parasites and bacterial, viral and fungal pathogens and emphasises that complex host/parasite interactions and the relationships they have with the environment, people and animal movement and public health is a dynamic and continually evolving process.

The award (1999) of a Bancroft-Mackerras Medal for excellence and outstanding contribution to the field of parasitology by the Australian Society for Parasitology acknowledges my national and international standing and contribution to the scientific discipline of Parasitology and the Ecology of Parasites. This is further evidenced by the award of Australian Research Council (ARC): Senior Research Fellow 1995-1999, appointment to the ARC Biological Sciences Discipline Panel (1999 & 2000), award of a Fogarty International Fellowship, (1985) and research as an NIH Post-doctoral Fellow (1982-1983), as well as other professional positions and contributions.

During the past 12 years I have established a environmental and public health research, education and training program based in Thailand that extends into the Greater Mekong Sub-Region of Southeast Asia. Primary focus of this program is to alleviate a significant insidious disease of the poor, a fatal form of liver cancer (cholangiocarcinoma, CCA) with an estimated 67.3 million people currently at risk of infection by parasitic worms (liver flukes) that cause the disease. The following institutions form the basis of this network; the National University Singapore and Khon Kaen University Thailand. In addition, the network extends to Chiang Rai Rajabhat University and Mahasarakham University in Thailand, Phnom Penh University and the Fisheries Action Coalition Team (FACT) in Cambodia and the National Research Institute for Educational Sciences and the National University of Laos in Lao PDR. Through our partnerships we have direct access to the Mekong River Commission (MRC), the IUCN (World Conservation Union), and the Greater Mekong Sub-Region Tertiary Education Network.

This network provides a multidisciplinary approach to public and environmental health issues. Just as importantly, it includes a strong emphasis on traditional medicine, traditional pharmacy and cultural awareness to help resolve such problems. More recently the program has instigated collaboration which focuses on the importance of (1) land use and resultant changes of environment and (2) human and social behaviour and their impact on the emergence and re-emergence of diseases within SE Asia.

The significance of this and its impact on environmental and public health is evidenced by definitive and cutting edge publications in scientific journals such as *Science* as well as chapters in text books, (see publication list) and a chapter in an On-Line Food Safety Encyclopaedia.

F. Publication List **Dr. Ross H. ANDREWS.**

1. Andrews, R.H. & Bull, C.M. (1980) Mating behaviour in the Australian reptile tick, *Aponomma hydrosauri*. *Animal Behaviour* 28: 1280-1286.

2. Andrews, R.H. & Bull, C.M. (1981) Inhibition of mating behaviour before feeding in the tick, *Aponomma hydrosauri*. *Animal Behaviour* 29: 518-522.

3. Andrews, R.H. & Bull, C.M. (1981) An attractant pheromone with common properties in three species of reptile tick. *Experientia* 38: 99-100.

4. Andrews, R.H. & Petney, T.N. (1981) Competition for sites of attachment to hosts in three parapatric species of reptile tick. *Oecologia* 51: 227-232.

5. Andrews, R.H. (1982) Mating behaviour and reproductive isolation of three species of reptile tick. *Animal Behaviour* 30:514-524.

6. Andrews, R.H. & Bull, C.M. (1983) Premating reproductive isolation between geographically isolated populations of an Australian reptile tick. *Journal of Parasitology* 69: 1125-1130.

7. Andrews, R.H. & Bull, C.M. (1982) A comparison of mating behaviour between populations of the reptile ticks, *Aponomma hydrosauri and Amblyomma albolimbatum. Australian Journal of Zoology* 30: 635-643.

8. Andrews, R.H., Petney, T.N. & Bull, C.M. (1982) Reproductive interference between three species of reptile tick. *Oecologia* 52: 281-286.

9. Andrews, R.H., Petney, T.N. & Bull, C.M. (1982) Niche changes between parasite populations: an example from reptile ticks. *Oecologia* 55: 77-80.

10. Petney, T.N., Bull, C.M. & Andrews, R.H. (1982) A stable parapatric boundary between *Aponomma hydrosauri* and *Amblyomma albolimbatum* on the Eyre Peninsula South Australia. *Transactions of the Royal Society of South Australia* 108: 159-161.

11. Petney, T.N. & Andrews, R.H. (1983) The influence of similar aggregation pheromones in the microhabitat choice of two parapatric species of reptile tick. *Oecologia* 55: 364-368.

12. Petney, T.N., Andrews, R.H. & Bull, C.M. (1983) Movement and host finding by unfed nymphs of two Australian reptile ticks. *Australian Journal of Zoology* 31: 717-721.

13. Bull, C.M. & Andrews, R.H. (1984) Two different mating signals used by female reptile ticks. *Acarologia* 6: 427-430.

14. Bull, C.M., Andrews, R.H. & Adams, M. (1984) Patterns of genetic variation in a group of parasites, the Australian reptile ticks. *Heredity* 53: 509-525.

15. Oliver, J.H., Jr., Pound, J.M. & Andrews, R.H. (1984) Induction of egg maturation and oviposition in the tick *Ornithodoros parkeri* Cooley (Acari: Argasidae). *Journal of Parasitology* 70: 337-342.

16. Pound, J.M., Oliver, J.H., Jr. & Andrews, R.H. (1984) Effects of temperature and tick weight on expression of autogeny in the argasid tick *Ornithodoros parkeri* Cooley. *Journal of Parasitology* 70: 279-284.

17. Pound, J.M., Oliver, J.H., & Andrews, R.H. (1984) Induction of apolysis and cuticle formation in female *Ornithodoros parkeri* (Acari:Argasidae) by hemocoelic injection of B-ecdysone. *Journal of Medical Entomology* 21: 612-614.

18. Andrews, R.H., Bull, C.M. & Orbach, J. (1986) The mode of transmission of the excitant pheromone in two Australian reptile ticks. *Journal of Parasitology* 71: 330-333.

19. Andrews, R.H. (1986) Allozyme electrophoresis and the genetic characterisation of parasites. *Parasitology Today* 2: 513.

20. Pound, J.M., Campbell, J.D., Andrews, R.H. & Oliver, J.H. (1986) Relationships between weights of nymphal stages and subsequent production of nymphs, adults and sex ratios of *Ornithodoros parkeri* (Acari: Argasidae). *Journal of Medical Entomology* 23: 320-325.

21. Choate, J.H., Andrews, R.H. & Barlow, B.A. (1987) Herbivory and cryptic species mimicry in Australian Loranthaceae. In: *Parasitic Flowering Plants* (Edited by H. Chr. Weber & W. Forstreuter). Philipps-Universitat Marburg, F. R. G.

22. Andrews, R.H., Beveridge, I., Adams, M. & Baverstock, P.R. (1988) Identification of life-cycle stages of the nematode *Echinocephalus overstreeti* by allozyme electrophoresis. *Journal of Helminthology* 62: 153-157.

23. Andrews, R.H., Handman, E., Adams, M., Baverstock, P.R. & Mitchell, G.F. (1988) Genetic characterisation of *Leishmania* isolates at 37 enzyme loci. *International Journal for Parasitology* 18: 445-452.

24. Andrews, R.H., Kirby, G.C. & Adams, M. (1988) Population biology of a smut fungus, *Ustilago spinificus*. *Australian Journal of Botany* 36: 347-353.

25. Boreham, P.F.L., Upcroft, J., Upcroft, P. and Andrews, R. (1988) Zoonotic *Giardia* - the debate goes on. *Parasitology Today* 4: 322.

26. Chilton, N.B. & Andrews, R.H. (1988) Mating behaviour and parapatry in two species of Australian reptile tick. *Oecologia* 75: 146-152.

27. Andrews, R.H. (1989) What is *Giardia* In: *Giardia: an emerging issue in water management*. by Yapp, G. and Wade, A. (eds.). The Australian National University Press.

28. Andrews, R.H., Adams, M., Baverstock, P.R., Behm, C.A. & Bryant, C. (1989) Genetic characterisation of three strains of *Hymenolepis diminuta* at 39 enzyme loci. *International Journal for Parasitology* 19: 515-518.

29. Andrews, R.H., Adams, M., Boreham, P.F.L., Mayrhofer, G. & Meloni, B.P. (1989) *Giardia intestinalis*: Electrophoretic evidence for a species complex. *International Journal for Parasitology* 19: 183-190.

30. Andrews, R.H., Beveridge, I., Adams, M. & Baverstock, P.R. (1989) Genetic characterisation of three species of *Onchocerca* at 23 enzyme loci. *Journal of Helminthology* 63: 87-92.

31. Adams, M., Andrews, R.H., Robinson, B., Christy, P., Baverstock, P.R., Dobson, P.J. & Blackler, S.J. (1989) A genetic approach to species criteria in the amoeba genus *Naegleria* using allozyme electrophoresis. *International Journal for Parasitology* 19: 823-834.

32. Andrews, R.H. & Beveridge, I. (1990) Apparent absence of genetic differences among species of *Telodorsagia* (Nematoda: Trichostrongylidae). *Journal of Helminthology* 64: 290-294.

33. Andrews, R.H., O'Donoghue, P., Adams, M. & Prowse, S. (1990) Enzyme markers for the genetic characterisation of avian *Eimeria* spp. *Parasitology Research* 76: 627-629.

34. Obendorf, D.L., Beveridge, I. & Andrews, R.H. (1991) Cryptic species in populations of *Globocephaloides trifidospicularis* (Nematoda: Trichostrongyloidea), parasitic in macropodid marsupials. *Transactions of the Royal Society of South Australia* 115: 213-216.

35. Andrews, R.H., Chilton, N.B. & Mayrhofer, G (1992) Selection of specific *Giardia intestinalis* genotypes by growth *in-vivo* and *in-vitro*. *Parasitology* 105: 375-386.

36. Andrews, R.H., Chilton, N.B., Beveridge, I., Spratt, D. & Mayrhofer, G. (1992) Genetic markers for the identification of three Australian tick species at various stages in their life cycle. *Journal of Parasitology* 78: 366-368.

37. Andrews, R.H., Chilton, N.B., Ey, P.L. & Mayrhofer, G. (1992) Additional enzyme loci for genetic identification and characterisation of *Giardia*. *Parasitology Research* 79: 337-339.

38. Andrews, R.H., Mayrhofer, G. Chilton, N.B., Boreham, P.F.L. & Grimmond, T.R. (1992) Changes in allozyme pattern of the protozoan parasite *Giardia intestinalis*. *International Journal for Parasitology* 22:403-406.

39. Chilton, N.B., Andrews, R.H. & Bull, C.M. (1992) Interspecific differences in the movements of female ticks on reptiles. *International Journal for Parasitology* 22: 239-242.

40. Chilton, N.B., Beveridge, I., Andrews, R.H. & Spratt, D.M. (1992) Apparent lack of genetic variation within *Pelecitus roemeri* (Nematoda: Filarioidea) from three different species of macropodid marsupial. *International Journal for Parasitology* 22: 1023-1027.

41. Chilton, N.B., Andrews, R.H. & Bull, C.M. (1992) Delayed mating and the reproductive fitness of *Aponomma hydrosauri* (Acari: Ixodidae). *International Journal for Parasitology* 22: 1197-1200.

42. Chilton, N.B., Beveridge, I. & Andrews, R.H. (1992) Detection by allozyme electrophoresis of cryptic species of *Hypodontus macropi* (Nematoda: Strongyloidea) from macropodid marsupials. *International Journal for Parasitology* 22: 271-279.

43. Chilton, N.B., Beveridge, I. & Andrews, R.H. (1992) Electrophoretic and morphological analyses of *Paramacropostrongylus typicus* (Nematoda: Strongyloidea) and the description of sibling species *Paramacropostrongylus iugalis* n. sp. from the eastern grey kangaroo, *Macropus giganteus*. *Systematic Parasitology* 24: 35-44.

44. Chilton, N.B., Bull, C.M. & Andrews, R.H. (1992) Niche segregation in reptile ticks: Attachment sites and reproductive success of females. *Oecologia* 90: 255-259.

45. Chilton, N.B., Bull, C.M. & Andrews, R.H. (1992) Differences in attachment site of the Australian reptile tick *Amblyomma limbatum* (Acari: Ixodidae) on two host species. *International Journal for Parasitology* 22: 785-787.

46. Ey, P.L., Khanna, K.K., Andrews, R.H., Manning, P.A. & Mayrhofer, G. (1992). Distinct genetic groups of *Giardia intestinalis* distinguished by restriction fragment length polymorphisms. *c*138:2629 2637.

47. Mayrhofer, G., Andrews, R.H., Ey, P.L., Albert, M.J., Grimmond, T.R. & Merry, D.J. (1992) The use of suckling mice to isolate and grow *Giardia* from mammalian faecal specimens for genetic analysis. *Parasitology* 105 255-263.

48. Beveridge, I., Chilton, N.B. & Andrews, R.H. (1993) Sibling species within *Macropostrongyloides baylis* (Nematoda:Strongyloidea) from macropod marsupials. *International Journal for Parasitology* 23: 21-33.

49. Chilton, N.B., Andrews, R.H. & Bull, C.M. (1993) Effect of delayed mating and prolonged female feeding on the reproductive fitness of female *Amblyomma limbatum* (Acari: Ixodidae) in marginal population areas. *Oecologia* 93: 67-71.

50. Chilton, N.B., Beveridge, I. & Andrews, R.H. (1993) Detection of a cryptic species of *Macropostrongyloides baylisi* (Nematoda: Strongyloidea) from macropodid marsupials by allozyme electrophoresis. *International Journal for Parasitology* 23: 21-33.

51. Chilton, N.B., Beveridge, I. & Andrews, R.H. (1993) Electrophoretic comparison of *Rugopharynx longibursaris* Kung and *Rugopharynx omega* Beveridge (Nematoda: Strongyloidea), with the description of *R. sigma* n.sp. from the red-legged pademelon, *Thylogale stigmatica*. *Systematic Parasitology* 26: 159-169.

52. Ey, P.L., Andrews, R.H. & Mayrhofer, G. (1993) Differentiation of major genotypes of *Giardia intestinalis* by polymerase chain reaction analysis of a gene encoding a trophozoite surface antigen. *Parasitology* 106: 347-356.

53. Ey, P.L., Darby, J.M., Andrews, R.H. & Mayrhofer, G. (1993) *Giardia intestinalis*: detection of major genotypes by restriction analysis of gene amplification products. *International Journal for Parasitology* 23: 591- 600.

54. Beveridge, I., Chilton, N.B. & Andrews, R.H. (1994) A morphological and electrophoretic study of *Rugopharynx zeta* (Johnson & Mawson, 1939) (Nematoda: Strongyloidea), with the description of a new species, *R. mawsonae*, from the black-stripped wallaby, *Macropus dorsalis*. *Systematic Parasitology* 27: 159-171.

55. O'Donoghue, P.J., Andrews, R.H. & Morgan, U.M. (1994) Genetic variation within *Cryptosporidium* spp. In *Proceedings of the International Conference on Parasitic Zoonoses, Chanchum. China,*pp. 12-13.

56. Beveridge, I., Chilton, N.B. & Andrews, R.H. (1995) Relationships within the *Rugopharynx delta* species complex (Nematoda: Strogyloidea) from Australian marsupials inferred from allozyme electrophoresis. *Systematic Parasitology* 27: 149-156.

57. Mayrhofer, G., Andrews, R.H., Ey, P.L. & Chilton, N.B. (1995) Division of *Giardia* isolates from humans into two genetically distinct assemblages by electrophoretic analysis of enzymes encoded at 27 loci and comparison with *Giardia muris*. *Parasitology* 108: 11-17.

58. Morris, M.L., Andrews, R.H. & Rogers, A.H. (1995) The use of allozyme electrophoresis to assess genetic heterogeneity among previously-subspeciated isolates of *Fusobacterium nucleatum*. *Oral Microbiology and Immunology* 11: 15-21.

59. Chilton, N.B., Andrews, R.H. & Beveridge, I. (1996) Genetic evidence for a complex of species within *Rugopharynx australis* (Monnig, 1926)(Nematoda: Strongyloidea) from macropodid marsupials. *Systematic Parasitology* 34 : 125-133.

60. Monis, P.T., Mayrhofer, G., Andrews, R.H., Homan, W.L., Limper, L. & Ey, P.L. (1996) Molecular genetic analysis of *Giardia intestinalis* isolates at the glutamate dehydrogenase locus. *Parasitology* 112: 1-12.

61. Morris, M.L., Andrews, R.H. and Rogers, A.H. (1997) Investigations of the taxonomy and systematics of *Fusobacterium mucleatum* using allozyme electrophoresis. *International Journal of Systematic Bacteriology* 46: 103-110.

62. Chilton, N.B., Beveridge, I. & Andrews, R.H. (1997) An electrophoretic analysis of patterns of speciation in *Cloacina clarkae, C. communis, C. petrogale* and *C. similis* (Nematoda: Strongyloidea) from macropodid marsupials. *International Journal for Parasitology* 27: 483-494.

63. Hazell, S. L., Andrews, R.H., Mitchell, H.M. and Daskalopoulous, G. (1997) Genetic relationship among isolates of *Helicobacter pylori* : evidence for the existence of a *Helicobacter pylori* species-complex. *FEMS Micrbiology Letters.* 150 : 27-32.

64. Ey, P.L., Mansouri, M., Kulda, J., Nohynkova, E., Monis, P.T., Andrews, R.H. & Mayrhofer, M. (1997) Genetic analysis of *Giardia* from hooved farm animals reveals artiodactyl-specific and potentially zoonotic genotypes. *Journal of Eukaryotic Microbiology* 44 : 626-635.

65. Andrews, R.H. (1997) Editor, Special Issue, Australian and New Zealand Societies for Parasitology Scientific Meeting, Adelaide, Australia (1995), Symposia Proceedings, *International Journal for Parasitology.* 27 : 143-241.

66. Andrews, R.H. (1997) Beyond the 20th Centuary. Editorial Forward Special Issue *International. Journal for Parasitology.* 27 : 143-144.

67. Jackson, J., Chilton, N., Beveridge, I., Moris, M. & Andrews, R. H. (1998) An electrophoretic comparison of the Australian paralysis tick *Ixodes holocyclus* Neumann, 1899, with *I. cornuatus* Roberts, 1960 (Acari:Ixodidae). *Australian .Journal of Zoology.* 46 : 109-117.

68. Petney, T.N. & Andrews, R.H. (1998) Invited review - Multiparasite communities in animals and humans: frequency, structure and pathogenic significance. *International Journal for Parasitology* 28: 377-393.

69. Andrews, R.H. (1998) Common problems in the application of analytical techniques to parasitology. Preface : Discussion Session, Special Issue . *International Journal for Parasitology* 28 : 971-972.

70. Andrews, R. H.. Monis, P.T., Ey, P.L. & Mayrhofer, G. (1998) Comparison of the levels of intra-specific genetic variation within *Giardia muris* and *Giardia intestinalis*. . *International Journal for Parasitology* 28: 1179-1185.

71. Monis , P. & Andrews, R.H. (1998) Molecular epidemiology : assumptions and limitations of commonly applied methods. . *International Journal for Parasitology* 28 : 981-987.

72. Monis, P.L., Andrews, R.H., Mayrhofer, G., Mackrill, Kulda, J., Isac-renton, L. & Ey, P.L. (1998) Novel lineages of *Giardia intestinalis* isolates infecting dogs in Australia. *Parasitology.* 116 :7-19.

73. Swanson R. & Andrews, R.H. (1998) Paradigms and expectations: the nature of research and diagnostics. . *International Journal for Parasitology* 28 : 997-1004.

74. Andrews, R.H. (1999) Will parasites outlive parasitologists? Special Issue . *International Journal for Parasitology.* 29 : 803-808

75. Andrews R. H. & Chilton, N. B. (1999) Invited review (refereed) Multilocus enzyme electrophoresis : a valuable technique for providing answers to parasite systematics. . *International Journal for Parasitology*. 29 : 213-253

76. Andrews R.H. & N.B. Chilton (1999) . Invited Review (refereed) Potential of biochemical approaches to identify *Cryptosporidium*. In: Isolation, propagation and characterisation of *Cryptosporidium*, Edited by Gasser R.B. & P. O'Donoghue P. *International Journal for Parasitology* 29: 1386-1389

77. Dixon, B., Petney, T.N. & Andrews, R.H. (1999) A simplified method of cleaning Ixodid ticks for microscopy. . *International Journal for Parasitology* 197: 317-319.

78. Gosbell, I.B., Morris, M.L., Gallo, J.H., Weeks, K.A., Neville, S.A., Rogers, A.H., Andrews, R.H. &. Ellis, D.H. (1999) Clinical, pathological, and epidemiological features of infection with *Scedosporium prolificans*: five cases and a review. *Clinical Microbiology and Immunology* 5 : 672-686

79. Monis, P.L., Andrews, R.H., Mayrhofer, G & Ey. P.L. (1999) Molecular Systematics of the Parasitic Protozoan *Giardia intestinalis*. *Molecular Biology and Evolution* 16: 1135-1144.

80. Andrews R.H. (2000) Some thoughts on parasitology, systematics, biodiversity and old-fashioned technologies. *International Journal for Parasitology* 30: 241-243.

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