

Publications Dr Andrew C. Bulmer

Cumulative Impact (until 01 05 2009): 34; Impact only 2008: 27

H-Index: 3

Total citations: 30

1.1 Scientific papers, Original papers

1.1.1 Peer reviewed

Top 20% (within 20% of the category pharmacology and pharmacy, toxicology, medicinal chemistry, sports sciences, peripheral vascular disease or biochemistry & molecular biology) based on ISI in the respective year of publication)

1. **Bulmer, A.C.**, Coombes, J.S. (2004): Optimising exercise training in peripheral arterial disease. *Sports Medicine* 34: 983–1003. IF: 2.781. (Impact factor of the year of publication)
2. Stewart, I. B., **Bulmer A.C.**, Sharman, J.E., and Ridgway, L. (2005): Arterial Oxygen desaturation kinetics during apnea. *Medicine and Science in Sports and Exercise* 37: 1871–1876. IF 2.831
3. **Bulmer, A.C.**, Ried, K., Blanchfield, J.T. and Wagner, K-H. (2008) The anti-mutagenic properties of bile pigments. *Mutation Research-Reviews in Mutation Research* 658: 28-41. IF: 5.912
4. **Bulmer, A.C.**, Coombes, J. S., Sharman, J. and Stewart, I.B. (2008) Effects of maximal static apnea on antioxidant defenses in trained free divers. *Medicine and Science in Sports and Exercise* 40:1307-13. IF: 3.399
5. **Bulmer, A.C.**, Blanchfield, J.T., Toth, I., Fassett, R.G. and Coombes J.S. (2008) Improved resistance to serum oxidation in Gilbert's syndrome: A mechanism for cardiovascular protection. *Atherosclerosis* 199: 390-6. IF: 4.601
6. Reichhold, S., Neubauer, O., **Bulmer, A.C.** and Wagner K-H. Effects of ultra-endurance exercise on markers of DNA damage. *Mutation Research – Reviews in Mutation Research* *in press*. IF: 5.912

Top 30% (within 30% of the category pharmacology and pharmacy, toxicology, medicinal chemistry, sports sciences, peripheral vascular disease or biochemistry & molecular biology) based on ISI in the respective year of publication.

7. **Bulmer, A.C.**, Ried, K, Blanchfield, J., Coombes, J.S., Toth, I. and Wagner, K-H. (2007) The anti-mutagenic and antioxidant effects of bile pigments in the Ames Salmonella test. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis* 629: 122-132. IF: 2.278
8. Morgan, M., **Bulmer, A.C.**, Woodruff, T.M., Proctor, L.M., Williams, H.M., Stocks, S.Z., Pollitt, S., Taylor, S.M. and Shiels, I.A. (2008) Pharmacokinetics of a Small Molecule C5a Receptor Antagonist in the Rat after Different Sites of Enteral Administration. *European Journal of Pharmaceutical Sciences* 33(4-5): 390-8. IF: 3.650

9. **Bulmer, A.C.**, Blanchfield, J.T., Coombes, J.S. and Toth, I. (2008) *In vitro* permeability and metabolic stability of bile pigments and the effects of hydrophilic and lipophilic modification of biliverdin. *Bioorganic and Medicinal Chemistry* 16: 3616-25. IF: 3.075

Pending Manuscripts:

10. **Bulmer, A.C.**, Coombes, J.S., Blanchfield, J.T., Toth, I., Fassett, R.G. and Taylor, S.M. Intestinal and intraperitoneal absorption and bioavailability of unconjugated bilirubin, biliverdin and bilirubin ditaurate in the rat. *European Journal of Pharmaceutical Sciences*; submitted. IF: 3.650

1.2 Congress presentations (41% of them were oral presentations, 59% posters)

1.2.1 Presentations with abstract in a scientific journal/abstract book:

1. Stewart, I., **Bulmer, A.C.** & Ridgway, L. (2003) The diving response to repeated apnoeas in world champion free divers. Australian Conference of Science and Medicine in Sport 25th – 28th October, Canberra, Australia.
Abstract: Conference Proceedings
2. Stewart, I., **Bulmer A.C.**, Wishart C., Sharman J., Ridgway L. (2004) Haematological responses to repeated apnoeas in trained and untrained apnoea divers. Australian Association of Exercise and Sport Science Inaugural Meeting 14th – 18th April Brisbane, Australia.
Abstract: Conference Proceedings
3. **Bulmer, A.C.** (2005) Bilirubin induced haemolytic toxicity in the human and rat blood cell. UQ/QUT Postgraduate Conference 24th – 25th January, North Stradbroke Island, Australia.
Abstract: Conference Proceedings
4. **Bulmer, A.C.**, Ried, K. and Wagner, K-H. (2006) The antioxidant and anti-mutagenic effects of bile pigments in the Ames Salmonella test. UQ/QUT Postgraduate Conference 20th – 23rd June. North Stradbroke Island, Australia.
Awarded Best Postgraduate Student Presentation (Sports Medicine Australia)
Abstract: Conference Proceedings
5. Ried, K., **Bulmer A.C.** and Wagner K-H. (2006) Anti-mutagenic effects of bilirubin, biliverdin and bilirubin ditaurate in the Ames test using strain TA98. COST 926/927: The molecular and physiological effects of bioactive food compounds 11th – 14th October, Vienna, Austria.
Abstract: Conference Proceedings
6. **Bulmer, A.C.**, Ried, K. Blanchfield, J.T., Coombes, J.S. Toth, I. and Wagner, K-H. (2006) The antioxidant and antimutagenic effects of bile pigments in the Ames Salmonella test. National Health and Medical Research Congress 26th November – 1st December, Melbourne, Australia.
Awarded Queensland Cancer Fund Grant in Aid
Abstract: Conference Proceedings
7. **Bulmer, A.C.**, Ried, K. Blanchfield, J.T., Coombes, J.S. Toth, I. and Wagner, K-H. The antioxidant and antimutagenic effects of bile pigments in the Ames Salmonella test. Society for Free Radical Research (Australasia), 1st – 4th December, Perth, Australia.
Awarded SFRR Young Investigator Prize
Abstract: Conference Proceedings

8. **Bulmer A.C.**, Coombes, J.S. Sharman J., Ridgway L, Stewart, I.B. (2007) Modulation of antioxidant responses after maximal intermittent breath hold diving. Sports Medicine Australia–Queensland Branch, 24th – 25th March, Caloundra, Australia.
Abstract: Conference Proceedings
9. **Bulmer A.C.**, Coombes, J.S. Sharman J., Ridgway L, Stewart, I.B. (2007) Modulation of antioxidant responses after maximal intermittent breath hold diving. UQ/QUT Postgraduate Conference 10th – 12th April, North Stradbroke Island, Australia.
Abstract: Conference Proceedings
10. **Bulmer, A.C.**, Coombes, J.S., Blanchfield, J. T., Toth, I. and Taylor, S.M. (2007) Preliminary pharmacokinetics of bilirubin administration in the rat. Experimental Biology-FASEB 27th April – 3rd May, Washington D.C., USA.
Abstract: FASEB J 21:LB527
11. **Bulmer A.C.**, Coombes, J.S. Sharman J., Ridgway L, Stewart, I.B. (2007) Antioxidant responses after maximal intermittent static apnea. Experimental Biology-FASEB 27th April – 3th May. Washington D.C., USA.
Awarded National Heart Foundation Grant in Aid
Abstract: FASEB J 21:LB498
12. **Bulmer A.C.**, Blanchfield, J.T., Toth. I., Fassett, R.G. and Coombes, J.C. (2008) Improved resistance to serum oxidation in Gilbert's Syndrome: A mechanism for cardiovascular protection. UQ/QUT Postgraduate Conference 10th – 12th May, Gold Coast, Australia.
Abstract: Conference Proceedings
13. **Bulmer, A.C.**, Coombes, J.S., Blanchfield, J. T., Toth, I. and Taylor, S.M. (2008) Intestinal and intraperitoneal absorption and bioavailability of the antioxidants unconjugated bilirubin, biliverdin and bilirubin ditaurate in the rat. Society for Free Radical Research (Europe). 5th – 9th July, Berlin, Germany.
Awarded BACS Faculty (UQ) Travel Award
Abstract: Free Radical Research 42:(S1) 71
14. **Bulmer A.C.**, Blanchfield, J.T., Toth. I., Fassett, R.G. and Coombes, J.C. (2008) Improved resistance to serum oxidation in Gilbert's Syndrome: A mechanism for cardiovascular protection. Society for Free Radical Research (Europe) 5th – 9th July, Berlin, Germany.
Awarded BACS Faculty (UQ) Travel Award
Abstract: Free Radical Research 42:(S1) 52
15. **Bulmer, A.C.**, Coombes, J.S., Blanchfield, J. T., Toth, I. and Taylor, S.M. (2008) Intestinal and intraperitoneal absorption and bioavailability of the antioxidants unconjugated bilirubin, biliverdin and bilirubin ditaurate in the rat. IXth World Conference on Clinical Pharmacology and Therapeutics 27th July – 1st August, Quebec City, Canada.
Awarded ASCEPT Young Investigator Travel Award
Abstract: Conference Proceedings
16. **Bulmer, A.C.** Coombes, J.S., Blanchfield, J. T., Toth, I. and Taylor, S.M. Absorption and pharmacokinetics of bilirubin and biliverdin administration in the rat. Australian Health and Medical Research Congress 16th – 21st November, Brisbane, Australia.
Awarded ASCEPT Peter Meffin Prize in Drug Disposition
Abstract: Conference Proceedings