

Selected Publications 2004

- Allen, S.E.**, Restrictions on deep flow across the shelf-break. *Surveys in Geophysics*, 25: 221-247. In a special issue on The Fluid Dynamics of Coastal Seas (2004)
- Kaoru Warabi, William T. Zimmerman, Jingkai Shen, Annick Gauthier, Marilyn Robertson, B. Brett Finlay, Rob van Soest, and **Raymond J. Andersen**. "Pachymoside A, A Novel Glycolipid isolated from the Marine Sponge *Pachymatisma johnstonia* (Bowerbank, 1842)" *Canadian Journal of Chemistry* 2004, 82, 102-112.
- Lianne M. McHardy, Ryan Sinotte, Armelle Troussard, Claire Sheldon, John Church, David E. Williams, **Raymond J. Andersen**, Shoukat Dedhar, Michel Roberge and Calvin D. Roskelley. "The Tumor Invasion Inhibitor Dihydromotuporamine C Activates RHO, Remodels Stress Fibers and Focal Adhesions, and it Stimulates Sodium-Proton Exchange" *Cancer Research* 2004, 64, 1468-1474.
- Kaoru Warabi, Lianne M. McHardy, Lohi Matainaho, Rob Van Soest, Calvin D. Roskelley, Michel Roberge, and **Raymond J. Andersen** "Strongylophorine-26, A New Meroditerpenoid Isolated from the Marine Sponge *Petrosia* (*Strongylophora*) *corticata* That Exhibits Anti-invasion Activity" *Journal of Natural Products* 2004, 67, 1387-1389.
- Xin-Hui Huang, Rob van Soest, Michel Roberge and **Raymond J. Andersen**. "Spiculoic Acids A and B, New Polyketides Isolated from the Caribbean Marine Sponge *Plakortis angulospiculatus*" *Organic Letters* 2004, 6, 75-78.
- Kristin Baetz, Lianne McHardy, Ken Gable, Tamsin Tarling, Delphine Rebérioux, Jenny Bryan, **Raymond J. Andersen**, Teresa Dunn, Phil Hieter & Michel Roberge. "Yeast genome-wide drug-induced haploinsufficiency screen to determine drug mode of action". *Proceedings of the National Academy of Sciences (USA)* 2004, 101, 4525-4530.
- David E. Williams, Marshall Lapawa, Xidong Feng, Tamsin Tarling, Michel Roberge, and **Raymond J. Andersen** "Spirastrellolide A: Revised Structure, Progress Towards the Relative Configuration, and Inhibition of Protein Phosphatase 2A" *Organic Letters* 2004, 6, 2607-2610.
- Claus M. Passreiter, Joanne Wilson, **Raymond J. Andersen**, and Murray B. Isman. "Metabolism of Thymol and trans-Anethole in Larvae of *Spodoptera litura* and *Trichoplusia ni* (Lepidoptera: Noctuidae)" *Journal of Agricultural Food Chemistry* 2004, 52, 2549-2551.
- David E. Williams, Brian O. Patrick, Akbar Tahir, Rob Van Soest, Michel Roberge, and **Raymond J. Andersen** "Boneratamides A-C, New Sesquiterpenoids Isolated from the Marine Sponge *Axinyssa aplysinoides*" *Journal of Natural Products* 2004, 67, 1752-1754.
- John B. MacMillan, Roger G. Linington, **Raymond J. Andersen**, and Tadeusz F. Molinski 'Stereochemical Assignment in Acyclic Lipids Across Long Distance by CD. Absolute Stereochemistry of the Aglycone of Caminoside A' *Angewante Chemie Intl*, 2004, 43, 5946 –5951.

- Xiuxian Jiang, Baoguang Zhao, Robert Britton, Lynette Y. Lim, Dan Leong, Jasbinder Sanghera, Bin-Bing S. Zhou, Edward Piers, **Raymond J. Andersen**, and Michel Roberge. "Inhibition of Chk1 by the G2 DNA damage checkpoint inhibitor isogranulatimide" *Molecular Cancer Therapeutics*, 2004, 3, 1221-1227.
- David E. Williams, Jean-Baptiste Telliez, Akbar Tahir, and **Raymond J. Andersen**. "Meroterpenoid MAPKAP (MK2) Inhibitors Isolated from the Indonesian Marine Sponge *Acanthodendrilla* sp." *Journal of Natural Products*, 2004, 67, 2127-2129.
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- H. Yizhaq, **Balmforth, N.J.** & A. Provenzale "Blown By Sand: Dynamics Of Aeolian Sand Ripples", *Physica D*, V. 195, P. 207-228, 2004.
- Balmforth, N.J.**, R. V. Craster & R. Sassi "Dynamics Of Cooling Domes Of Viscoplastic Fluid II", *J. Fluid Mech.*, V. 499, P. 149-182, 2004.
- C. F. Harvey, K. N. Ashfaq¹, W. Yu, A. B. M. Badruzzaman, M. Ashraf Ali, P. M. Oates, H. Michael, R. B. Neumann, **R. Beckie**, S. Islam, M. Feroze Ahmed, "Groundwater Flow and Arsenic Biogeochemistry in Bangladesh: An Analysis of Transience and Coupling", to appear in *Chemical Geology*, October, 2004.
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