

Some Selected Publication.

- (1) Potential chemopreventive, anticancer and anti-inflammatory properties of a refined artocarpin-rich wood extract of *Artocarpus heterophyllus* Lam., I. J. Morrison, J. Zhang, J. Lin, J-A. E. Murray, R. Porter, M. K. Langat, N. J. Sadgrove, J. Barker, G. Zhang and R. Delgoda. *Sci. Rep.*, 2021, 11(1), 6854. [Http://doi: 10.1038/s41598-021-86040-5](http://doi: 10.1038/s41598-021-86040-5).
- (2) Chemical composition and biological activities of *Pimenta richardii*, K-A. Clarke, **R. Porter**, P. Facey, T. Yee and C. Thoms-Rodriguez. *Flavour Fragr. J.*, 2021, 36(2), 272-279. [Https://doi.org/10.1002/ffj.3642](https://doi.org/10.1002/ffj.3642).
- (3) The Phytochemical and Pharmacological Screening of Three Crude Extracts of *Desmodium canum* (Strong Back), R.L. Alexander-Lindo, **R.B.R. Porter**, C.R. Nwokocho, K.G. Lattibeaudiere. *Clin. Phytoscience*, 2020, 70(6). [Https://doi.org/10.1186/s40816-020-00220-w](https://doi.org/10.1186/s40816-020-00220-w).
- (4) The Isolation of Hypoglycaemic Compounds from *Desmodium canum* and Their Synergistic Effect on Blood Glucose Levels in Euglycaemic Sprague Dawley Rats, K. Lattibeaudiere, **R. Porter**, and R. L. Alexander-Lindo. *Evid.-Based Complement. Altern. Med.*, 2020, Article ID 9465139, 9 pages [Https://doi.org/10.1155/2020/9465139](https://doi.org/10.1155/2020/9465139).
- (5) Chemical Composition and Biological Activities of the Essential Oil from *Cleome rutidosperma* DC., M. McNeil, **R. Porter**, L. Rainford, O. Dunbar, S. Francis, N. Laurieri and R. Delgoda. *Fitoterapia*, 2018, 129, 191-197. [DOI.org/10.1016/j.fito.2018.07.006](https://doi.org/10.1016/j.fito.2018.07.006).
- (6) Inhibition of Cytochrome P450 activities by extracts of *Hyptis verticillata*: Assessment for potential HERB-drug interactions, D. Picking, B. Chambers, J. Barker, I. Shah, **R. Porter**, D. Naughton and R. Delgoda. *Molecules*, 2018, 23, 430. DOI: 10.3390/molecules23020430.
- (7) Implementing Medical Ganja in Jamaica, S. Jones, **R. Porter**, C. Bishop. *Int. J. Drug Policy*, 2017, 42, 115-117. DOI: <http://dx.doi.org/10.1016/j.drugpo.2017.02.002>.
- (8) In vitro antioxidant activity of *Bixa orellana* (Annatto) Seed Extract, M. Abayomi, A.S. Adebayo, D. Bennett, **R. Porter**, and J. Shelly-Campbell. *J. Appl. Pharm. Sci.*, 2014, 4(02), 101-106.
- (9) Biological Activities and chemical composition of the essential oil from Jamaican variety of *Cleome serrata*, M.J. McNeil, **R.B. Porter** and L.A. Williams. *Nat. Prod. Commun.*, 2012, 7(9), 2131-2132.
- (10) Characterization of Jamaican Agro-Industrial Wastes. Part II: Fatty Acid Profiling Using High Performance Liquid Chromatography: Precolumn Derivatization with Phenacyl Bromide, Y.A. Bailey-Shaw, K.D. Golden, A.G.M. Pearson and **R.B.R. Porter**. *J. Chromatogr. Sci.*, 2012, 50(5).

- (11) Essential oils from *Hyptis* genus- A review (1909-2009), M. McNeil, **R. Porter** and P. Facey. *Nat. Prod. Commun.*, 2011, **6**(11), 1775-1796.
- (12) Antimicrobial activities of mikanolide and its derivatives, P.C. Facey P.C. Peart and **R. Porter**. *West Indian Med. J.*, 2010, **59**(3), 249-252.
- (13) Chemical Composition and Antimicrobial Activity of the Essential Oils from *Cleome spinosa* Jacq., M.J. McNeil, **R.B.R. Porter** and L.A.D. Williams and L. Rainford. *Nat. Prod. Commun.*, 2010, **5**(8), 1301-1306.
- (14) The volatile constituents from the leaves, bark and fruits of *Bursera aromatica* (Proctor) found in Jamaica, G-A. Junor, **R.B.R. Porter** and T.H. Yee, T. Waugh. *J. Essent. Oil Res.*, 2010, **22**, 19-22.
- (15) Characterization of Jamaican Agro-Industrial Wastes. Part I: Characterization of Amino Acids Using High Performance Liquid Chromatography: Precolumn Derivatization with Phenylisothiocyanate, Y.A. Bailey-Shaw, K.D. Golden, A.G.M. Pearson and **R.B.R. Porter**. *J. Chromatogr. Sci.*, 2009, **47**(8), 674-680.
- (16) Abietane diterpenoids from *Hyptis verticillata*, D.A.C. Biggs, **R.B.R. Porter** and W.F. Reynolds. *Nat. Prod. Commun.*, 2009, **4**, 15-18.
- (17) Chemical composition and insecticidal activity of the essential oils from *Bursera hollickii* (Britton) found in Jamaica, G-A. Junor, **R.B.R. Porter**, T.H Yee and L.A.D. Williams. *J. Essent. Oil Res.*, 2008, **20**, 560-565.
- (18) A new hyptadienic acid derivative from *Hyptis verticillata* with insecticidal activity, D.A.C. Biggs, **R.B.R. Porter**, W.F. Reynolds and L.A.D. Williams. *Nat. Prod. Commun.*, 2008, **3**, 1759-1763.
- (19) *In vitro* anti-proliferation/cytotoxic activity of epingaione and its derivatives on the human SH-SY5Y neuroblastoma and TE-671 sarcoma cells, L.A.D. Williams, J. Conrad, B. Vogler, H. Rösner, **R.B.R. Porter**, W. Setzer, E.N. Barton, H.G. Levy, S. Mika, I. Klaiber, J.P. Nkurunzia and W. Kraus, *West Indian Med. J.*, 2007, **56**, 2-10.
- (20) Biological activity and chemical composition of the essential oil from Jamaican *Hyptis verticillata* Jacq., P.C. Facey, **R.B.R. Porter**, P.B. Reese and L.A.D. Williams. *J. Agric. and Food Chem.*, 2005, **53**, 4774-4777.
- (21) Nuclear magnetic resonance and optosensing properties of di-2-thionyl ketone *p*-nitrophenylhydrazone (dsknph) in non-aqueous media, M. Bakir, O. Green, C. Gyles, B. Mangaroo and R. Porter. *Talanta*, 2004, **62**, 781-789.
- (22) Biological activity of an extract from *Cleome viscosa* (Capparaceae), L.A.D. Williams, E. Vasques, W. Reid, **R. Porter** and W. Kraus. *Naturwissenschaften*, 2003, **90**, 468-472.

- (23) Steroid transformation with *Exophiala jeanselmei* var. *lecaniicorni* and *Ceratocystis paradoxa*, **R.B.R. Porter**, W.A. Gallimore and P.B. Reese, *Steroids*, 1999, **64**, 770-779..
- (24) Investigation of Jamaican folk-medicine for anti-bacterial activity, P.C. Facey, **R.B. Porter**, K.O. Pascoe and A.D. Jones, *Pharm. and Pharmacol.*, 1999, **51**, 1455-1460.
- (25) Acaricidal and insecticidal activities of cadina-4, 10(15)-dien-3-one, **R.B. Porter**, P.B. Reese and L. Williams and D. Williams. *Phytochemistry*, 1995, **40**, 735-738..