

Refereed journal publications

Chiral induction at octahedral Ru(II) via the disassembly of diruthenium(II,III) tetracarboxylates using a variety of chiral diphosphine ligands. Groves, B.R.; Arbuckle, I.; Essoun, E.; Lundrigan, T.L.; Wang, R.; Aquino, M.A.S. *Inorg. Chem.*, **2013**, *52*, 11563.

Synthetic prodigiosenes and the influence of C-Ring substitution on DNA cleavage, transmembrane chloride transport and compound basicity. Rastogi, S.; Marchal, E.; Uddin, I.; Groves, B.R.; Colpitts, J.; McFarland, S.; Davis, J.; Thompson, A. *Org. Biomol. Chem.* **2013**, *11*, 3834.

Synthesis and characterization of the unsubstituted dipyrin and 4,4-dichloro-4-bora-3a,4a-diaza-s-indacene: improved synthesis and functionalization of the simplest BODIPY framework. Groves, B.R.; Crawford, S.M.; Lundrigan, T.; Matta, C.F.; Sowlati-Hashjin, S.; Thompson, A. *Chem. Commun.* **2013**, *49*, 816.

Conference presentations

Unsubstituted F-BODIPY: improved synthesis and chemical manipulation of the parent core structure. Groves, B.R.; Crawford, S.M.; Lundrigan, T.; Thompson, A. 96th Canadian Chemistry Conference and Exhibition, May **2013**, Quebec City, QC.

Unsubstituted F-BODIPY: improved synthesis and chemical manipulation of the parent core structure. Groves, B.R.; Crawford, S.M.; Lundrigan, T.; Thompson, A. Atlantic Inorganic Discussion Weekend, March **2013**, Moncton, NB.

Short Chain Ester Prodigiosenes: Synthesis and Application of Novel Anti-Tumour Agents. Groves, B.R.; Thompson, A. 35th APICS/CIC Undergraduate Chemistry Conference, May **2012**, Sydney, NS.

Crystallographic Analysis Chiral Disassembled of Monoruthenium Benzoates. Groves, B.R. 3rd Chemical Crystallography Workshop. June **2011**, Montreal, QUE.

Poster presentations

Appended prodigiosenes for use in colorectal and melanoma cancer inhibition. Groves, B.R.; Thompson, A. Terry Fox Research Institute Annual Scientific Meeting. May, **2013**, Ottawa, ON.

Chiral Induction via the Disassembly of Diruthenium(II,III) Tetrabenzoate. Groves, B.R.; Aquino, M.; Lundrigan, T. 94th Canadian Society for Chemistry Conference and Exhibition. June, **2011**, Montreal, QUE.

Chiral Induction via the Disassembly of Diruthenium(II,III) Tetrabenzoate. Groves, B.R.; Aquino, M.; Lundrigan, T. 9th Annual Student Research Day. March, **2011**, Antigonish, NS.