

Curriculum Vitae

Personal information James Barlow

Work experience

July 2004- current: Senior Lecturer, RCSI, Dublin

Development and lecturing of new courses in Pharmacognosy, Medicinal Chemistry and Complementary & Alternative medicines.

- Teaching and administration of lecturing and laboratory modular content in Pharmacy undergraduate programmes.
- OSCE development for Pharmacy programmes, notably the Professional Registration Examination (PRE).
- Development of research interests in Pharmaceutical and Medicinal Chemistry: PhD students
- Invited lecturer, DMMC course 'Drug Design: Principles & Techniques', 2006-09.
- President's Teaching Award, RCSI 2010

Associate Vice Dean, Student Affairs, Oct 2012-present

- Support, mentorship and policy development

March 2003-July 2004

Managing Pharmacist, McKee Pharmacy, Finglas, Dublin

- Development and management of a community Pharmacy on a green-field site

Education and training

Doctorate of Philosophy, University of Dublin, Trinity College (2002)

Dissertation topic: Synthesis and pharmacological studies on a novel series of mast cell-stabilising tetrahydronaphthalenes and related compounds.

Bachelor of Science, University of Dublin, Trinity College (1997)

First Class Honours; Gold Medal, Trinity College; Gold Medal, Pharmaceutical Society of Ireland.

Additional information

Publications

1. da Silva Cardoso P, Niero LB, Frizon TEA, DalBó S, Le Lamer A-C, Gouault N, de Aguiar Amaral P, Barlow JW. Med Chem Res 33, 1657-1670 (2024). DOI: 10.1007/s00044-024-03275-3
2. Zhang T, O'Connor C, Sheridan H, Barlow JW. Foods 2024, 13, 1646. DOI: 10.3390/foods13111646
3. Ramtoola Z, Catibusic A, Ameen H, Cullen S, Barlow JW. Exploratory Research in Clinical and Social Pharmacy, Volume 12, 2023, 100380. DOI: 10.1016/j.rcsop.2023.100380.
4. Flood M, Strawbridge JD, Barlow JW. Exploratory Research in Clinical and Social Pharmacy, Volume 12, 2023, 100367, ISSN 2667-2766. DOI: 10.1016/j.rcsop.2023.100367.
5. Yan Q, Zhang T, O'Connor C, Barlow JW, Walsh J, Scalabrino G, Xu F, Sheridan H. Food Sci Nutr. 2023 Jan 6;11(4):1634-1656. DOI: 10.1002/fsn3.3213.
6. Flood M, Strawbridge J, Ní Sheachnasaigh E, Ryan T, Sahm LJ, Fleming A, Barlow JW. Currents in Pharmacy Teaching and Learning, Volume 14, Issue 12, 2022, Pages 1525-1534, ISSN 1877-1297, DOI: 10.1016/j.cptl.2022.10.010.
7. Gleeson LL, Ludlow A, Clyne B, Ryan B, Argent r, Barlow J, Mellon L, De Brún A, Pate M, Kirke C, Moriarty F, Flood M, Exploratory Research in Clinical and Social Pharmacy, Volume 8, 2022,100193. DOI: 10.1016/j.rcsop.2022.100193.
8. Gleeson LL, Ludlow A, Wallace E, Argent R, Collins C, Clyne B, Mellon L, Barlow JW, Ryan B, De Brún A, Holton A, Pate M, Kirke C, Flood M, Moriarty F Exploratory Research in Clinical and Social Pharmacy. 2022 Jun;6:100143. DOI: 10.1016/j.rcsop.2022.100143.
9. Scotti C, Barlow JW. Natural Products Containing the Nitrile Functional Group and Their Biological Activities. Natural Product Communications. 2022;17(5). doi:10.1177/1934578X221099973
10. Costa FV, Gadea A, Antunes AR, Ferron S, Back AJ, Barlow JW, Citadini-Zanette V, Lohézic-Le Dévéhat F, de Aguiar Amaral P. Natural Product Research, 2022. DOI: 10.1080/14786419.2022.2044809
11. Kerr A., Strawbridge J., Kelleher C, Barlow J, Sullivan C, Pawlikowska T. BMC Med. Educ. 2021, 21, 325. DOI: 10.1186/s12909-021-02776-8
12. Milanez PR, da Silva FMR, Scussel R, de Melo ME, Bittencourt Martins A, Machado-de-Ávila RA, Barlow JW, Feuser PE, Rigo FK, de Aguiar Amaral P. Revista Brasileira de Farmacognosia. 31, 750-761 (2021). DOI: 10.1007/s43450-021-00200-2
13. Strawbridge J, Hayden JC, Robson T, Flood M, Cullinan S, Lynch M, Morgan AT, O'Brien F, Reynolds R, Kerrigan SW, Cavalleri G, Kirby BP, Tighe O, Maher A, Barlow JW. Research in Social & Administrative Pharmacy : RSAP. 2021 Aug. DOI: 10.1016/j.sapharm.2021.08.007.
14. Coll S, Alhazmi M, de Aguiar Amaral P, Bourgeade-Delmas S, Le Lamer A.-C, Barlow JW. Molecules 2021, 26, 2209. DOI: 10.3390/molecules26082209
15. Foley L, Toney J, Barlow JW, O'Connor M, Fitzgerald-Hughes D, Ramtoola Z. Molecules 2021, 26, 301. DOI: 10.3390/molecules26020301
16. Rudra S, Tahamina A, Emon NU, Adnan M, Shakil M, Chowdhury MHU, Barlow JW, Alwahibi MS, Soliman Elshikh M, Faruque MO, Uddin SB. Molecules 2020, 25, 4994. <https://doi.org/10.3390/molecules25214994>
17. Hibbits AJ, Ramsey JM, Barlow J, MacLoughlin R, Cryan S.-A. Nanomaterials, 2020, 10, 1248.
18. Castro H, Cruz T, de Aguiar Amaral P, da Silva Cardoso P, Alsaffar A, Farrell P, Tomás AM, Barlow JW.. Heliyon, 2020, 6, e03614.
19. Faruque MO, Ankhi UR, Kamaruzzaman M, Barlow JW, Zhou B, Hao J, Yang X, Hu X. Industrial Crops and Products 2019,141,111745.
20. de Aguiar Amaral P, Antunes AR, Barlow JW. Revista Brasileira de Farmacognosia, 2019, 29, 4, 488-490.
21. Adnan M, Nazim Uddin Chy M, Mostafa Kamal A, Azad MOK, Paul A, Uddin SB, Barlow JW, Faruque MO, Park CH,

- Cho DH. *Molecules* 2019, 24, 1367.
22. Faruque MO, Feng G, Amin Khan MN, Barlow JW, Ankhil UR, Hu S, Kamaruzzaman M, Uddin SB, Hu X. *Journal of Ethnobiology and Ethnomedicine* 2019, 15:8.
23. Adnan M, Md.Nazim Uddin Chy, A.T.M.Mostafa Kamal, Barlow JW, Faruque MO, Yang X, Uddin SB, J.Ethnopharmacology, 2019, 236, 401-411.
24. Jean J, Farrell DS, Farrelly AM, Toomey S, Barlow JW. *Heliyon*, Volume 4, Issue 9, September 2018, e00767.
25. Faruque MO, Uddin SB, Barlow JW, Hu H, Dong S, Cai Q, Li X, Hu X. *Front. Pharmacol.* 9:40.
26. de Aguiar Amaral P, Costa FV, Antunes A R, Kautz J, Citadini-Zanette V, Lohézic-Le Dévéhat F, Barlow J, DalBó S. (2017). *Journal of Medicinal Plants Research*, 11(33), 518-537.
27. Strawbridge J, Barlow J, O'Leary A, Spooner M, Clarke E, Arnett R, Langley C, Wilson K, Gallagher P. (2019). *American Journal of Pharmaceutical Education: Volume 83, Issue 4, Article 6678*.
28. Ramos, L S, Cardoso, PS, Freitas, MD, Paghán, R, Borges, MS, Citadini-Zanette, V, Barlow, JW, Amaral, PA, & DalBo, S. *Anais da Academia Brasileira de Ciências*, 2016, 88(4), 2319-2330.
29. Zhang, T, Finn, DF, Barlow, JW, Walsh, JJ. *European Journal of Pharmacology*, 2016, 778, 158-168
30. Kelly K, Lawlor C, Burke C, Barlow JW, Ramsey JM, Jefferies C, Cryan S-A. *Journal of Liposome Research*, 2015, 25, 3, 211-221.
31. Strawbridge JD, Barrett AM, Barlow JW. *Journal of Interprofessional Care*, 2014, 1, 64-65.
32. Masand VH, Mahajan DT, Gramatica P, Barlow J. *Medicinal Chemistry Research*, 2014, 23, 11, 4825-4835.
33. Joanne M, Ramsey JM, Hibbitts A, Barlow J, Kelly C, Sivasdas N, Cryan SA. *Therapeutic Delivery* 2013; 4(1); 59-76
34. Mara C, Dempsey E, Bell A, Barlow JW. *Bioorg. Med. Chem. Lett.*, Vol 23, Issue 12, 15 June 2013, Pages 3580-3583
35. Dempsey E, Prudêncio M, Fennell BJ, Gomes-Santos CS, Barlow JW, Bell A. *Mol. Biochem. Parasitol.*, Volume 188, Issue 2, April 2013, Pages 116-127
36. Poh Loh K, Ghorab H, Clarke E, Conroy R, Barlow J. *Journal of Alternative and Complementary Medicine* 2013, 19(4): 360-366.
37. Pabari RM, McDermott C, Barlow J, Ramtoola Z. *Clin. Ther.*, 2012, 34, 2221-2229.
38. Mara C, Dempsey E, Bell A, Barlow JW. *Bioorg. Med. Chem. Letts.* ,2011, 21, 6180-6183.
39. Barlow JW, McHugh AP, Woods O, Walsh JJ. *Eur. J. Med. Chem.*, 2011, 46, 1545-1554.
40. Byrne AJ, Barlow JW, Walsh JJ. *Bioorg. Med. Chem. Letts.*, 2011, 21, 1191-1194.
41. Hibbitts A, Lieggi N, McCabe O, Thomas W, Barlow JW, O'Brien F, Cryan S-A. *Therapeutic Delivery*, 2011, 2, 987-999.
42. Barlow JW, Zhang T, Woods O, Byrne AJ, Walsh JJ. *Medicinal Chemistry*, 2011, 7, 213-223.
43. Meyler L, Ramtoola Z, Barlow JW. *Pharmacy Education*, 2011, 11, 186 – 189.
44. Barlow JW, Walsh JJ. *Eur. J. Med. Chem.*, 2010, 45, 25-37.
45. Fennell BJ, Naughton JA, Barlow JW, Brennan G, Fairweather I, Hoey E, McFerran N, Trudgett A, Bell A. *Expert Opin. Drug Discov.*, 2008, 3, 501-518.
46. Barlow JW, Walsh JJ. *Eur. J. Med. Chem.*, 2008, 43, 2891-2900.
47. Barlow JW, Strawbridge J. *Pharmacy Education*, 2007, 7, 193 – 195.

Projects

Memberships

Other Relevant Information