

Curriculum Vitae

Personal information Colin Clyne

Work experience

Apr 2023 - Present: Senior toxicologist, Therapeutic Goods Administration, Australia. Safety assessment of therapeutic goods, such as medicines and medical devices.

Aug 2015 - Present: Laboratory head, Hudson Institute of Medical Research, Australia. Pharmacological research and teaching

1998 - Aug 2015: Senior research officer, Prince Henry's Institute of Medical Research, Australia. Pharmacological research and teaching

1994 - 1998: Postdoctoral research fellow, University of Texas Southwestern Medical Centre, USA. Pharmacological research

Education and training

1994 - 1998: PhD, University of Edinburgh, UK. Pharmacology

1989 - 1993 B.Sc, University of Edinburgh, UK. Pharmacology

Additional information

Publications

Massillo C, Dalton GN, Porretti J, Scalise G, Farré PL, Piccioni F, Secchiari F, Pascuali N, Clyne CD, Gardner K, De Luca P, De Siervi A. CTBP1/CYP19A1/Estradiol axis collectively with adipose tissue impacts over prostate cancer growth associated to metabolic syndrome. *Intl. J. Cancer* (in press, accepted 20/07/2018).

Magne Nde CB, Casas Gimeno G, Docanto M, Knowler KC, Young MJ, Buehn J, Sayed E, Clyne CD. Timeless Is a Novel Estrogen Receptor Co-activator Involved in Multiple Signaling Pathways in MCF-7 Cells. *J Mol Biol* 2018; 430(10):1531-1543 doi: 10.1016/j.jmb.2018.03.008

Pang JB, Molania R, Chand A, Knowler K, Takano EA, Byrne DJ, Mikeska T, Millar EKA, Lee CS, O'Toole SA, Clyne CD, Gorringer KL, Dobrovic A, Fox SB. LHR-1 expression patterns in breast cancer tissues are associated with tumour aggressiveness. *Oncotarget* 2017; 8(48):83626-83636 doi: 10.18632/oncotarget.18886

Fletcher EK, Morgan J, Kennaway DR, Bienvenu LA, Rickard AJ, Delbridge LMD, Fuller PJ, Clyne CD, Young MJ. Deoxycorticosterone/Salt-Mediated Cardiac Inflammation and Fibrosis Are Dependent on Functional CLOCK Signaling in Male Mice. *Endocrinology*; 2017 158(9):2906-2917 doi: 10.1210/en.2016-1911.

Zingue S, Michel T, Nde CBM, Njuh AN, Cisolotto J, Ndinteh DT, Clyne CD, Fernandez X, Creczynski-Pasa TB, Njamen D. Estrogen-like and tissue-selective effects of 7-methoxycoumarin from *Ficus umbellata* (Moraceae): an in vitro and in vivo study. *BMC Complement Altern Med* 2017 17(1):383 doi: 10.1186/s12906-017-1895-9.

Coulson R, Liew SH, Connelly AA, Yee NS, Deb S, Kumar B, Vargas AC, O'Toole SA, Parslow AC, Poh A, Putoczki T, Morrow RJ, Alorro M, Lazarus KA, Yeap EFW, Walton KL, Harrison CA, Hannan NJ, George AJ, Clyne CD, Ernst M, Allen AM, Chand AL. The angiotensin receptor blocker, Losartan, inhibits mammary tumor development and progression to invasive carcinoma. *Oncotarget* 2017;8(12):18640-18656. doi:10.18632/oncotarget.15553.

Brown KA, Chin Boon W, Clyne CD. Editorial: Sex, hormones, fat and breast cancer. *J. Steroid Biochem. Mol. Biol.* 2017;170:1. doi:10.1016/j.jsbmb.2017.04.014.

Zingue S, Nde CBM, Michel T, Ndinteh DT, Tchatchou J, Adamou M, Fernandez X, Fohouo F-NT, Clyne CD, Njamen D. Ethanol-extracted Cameroonian propolis exerts estrogenic effects and alleviates hot flushes in ovariectomized Wistar rats. *BMC Complementary and Alternative Medicine* 2017;17(1):65. doi:10.1186/s12906-017-1568-8.

Zingue S, Tchoumtchoua J, Ntse DM, Sandjo LP, Cisolotto J, Nde CBM, Winter E, Awounfack CF, Ndinteh DT, Clyne CD, Njamen D, Halabalaki M, Creczynski-Pasa TB. Estrogenic and cytotoxic potentials of compounds isolated from *Milletia macrophylla* Benth (Fabaceae): towards a better understanding of its underlying mechanisms. *BMC Complementary and Alternative Medicine* 2016;16(1):421. doi:10.1186/s12906-016-1385-5.

Zingue S, Michel T, Tchatchou J, Chantal Beatrice Magne N, Winter E, Monchot A, Awounfack CF, Djiogue S, Clyne CD, Fernandez X, Creczynski-Pasa TB, Njamen D. Estrogenic effects of *Ficus umbellata* Vahl. (Moraceae) extracts and their ability to alleviate some menopausal symptoms induced by ovariectomy in Wistar rats. *J Ethnopharmacol* 2016;179:332-344. doi:10.1016/j.jep.2016.01.004.

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- Zingue S, Magne Nde CB, Clyne CD, Njamen D. Elucidation of Underlying Mechanisms by Which *Millettia macrophylla* Benth Induces Its Estrogenic Activity. *International Scholarly Research Notices* 2014;2014(4):1–8. doi:10.1155/2014/763781.
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Zhou J, Suzuki T, Kovacic A, Saito R, Miki Y, Ishida T, Moriya T, Simpson ER, Sasano H, Clyne CD. Interactions between prostaglandin E(2), liver receptor homologue-1, and aromatase in breast cancer. *Cancer Res.* 2005;65(2):657–663.

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Lazarus KA, Wijayakumara DD, Chand AL, Simpson ER, Clyne CD. Therapeutic potential of Liver Receptor Homolog-1 modulators. *J. Steroid Biochem. Mol. Biol.* 2012;130(3-5):138–146. doi:10.1016/j.jsbmb.2011.12.017.

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Projects

Grants awarded

2017 – 2020 NHMRC \$725,476 my role: CIA
 2015 – 2017 Cancer Council Victoria \$300,000 my role: CIA
 2013 – 2016 Worldwide Cancer Research \$430,000 my role: CIA
 2012 – 2014 NHMRC \$736,462 my role: CIA
 2010 – 2011 Cancer Council Victoria \$200,000 my role: CIA
 2009 – 2012 Vic Br Ca Res Consort \$1,039,189 my role: CIB
 2009 – 2012 Vic Br Ca Res Consort \$1,297,125 my role: CIM
 2008 – 2010 NHMRC \$471,170 my role: CIB
 2007 – 2008 Nat'l Breast Cancer Found'n \$100,053 my role: CIB
 2007 Union Int'l Cancer Control \$12,850 my role: CIA
 2007 Syngenta Biotechnology \$140,000 my role: CIA
 2007 Vic Community Foundation \$11,500 my role: CIA
 2007 Vic Br Ca Res Consort \$97,250 my role: CIA
 2006 – 2007 Cancer Council Victoria \$135,844 my role: CIA
 2006 – 2008 Nat'l Breast Cancer Found'n \$110,156 my role: CIA
 2005 – 2009 NHMRC \$426,250 my role: CIA
 2004 – 2006 NH&MRC \$215,500 my role: CIA

Memberships

2013 – present Editorial Board Member, *Frontiers in Cancer Endocrinology*
2011 – 2024 Editorial Board Member, *Steroids*
2011 – 2024 Editorial Board Member, *Journal of Steroid Biochemistry & Molecular Biology*
2013 Guest Editor, *Journal of Steroid Biochemistry & Molecular Biology*
2007 – 2010 Editorial Board Member, *Journal of Molecular Endocrinology*
2005 – 2008 Editorial Board Member, *Endocrinology*

Other Relevant Information