

## Relevant Publications from Scientific Founders

Iodoetherification as a strategy towards sp<sup>3</sup>-rich scaffolds for drug discovery. L. Barnes, T. N. Birkinshaw, A. J. Senior, O. Siles Brügge, W. Lewis, S. P. Argent, C. J. Moody and A. Nortcliffe, *Bioorg. Med. Chem.*, 2024, **101**, 117636.

Stretch regulates alveologenesis and homeostasis via mesenchymal G<sub>αq/11</sub>-mediated TGFβ<sub>2</sub> activation. A. T. Goodwin, **A. E. John**, C. Joseph, A. Habgood, A. L. Tatler, K. Susztak, M. Palmer, S. Offermanns, N. C. Henderson and R. G. Jenkins, *Development*, **2023**, *150*, dev201046.

Discovery of new imidazotetrazinones with potential to overcome tumor resistance. H. S. Summers, W. Lewis, H. E. L. Williams, T. D. Bradshaw, **C. J. Moody** and M. F. G. Stevens, *Eur. J. Med. Chem.*, **2023**, *257*, 115507.

The IL-33:ST2 axis is unlikely to play a central fibrogenic role in idiopathic pulmonary fibrosis. K. E. Stephenson, J. Porte, A. Kelly, W. A. Wallace, C. E. Huntington, C. L. Overed-Sayer, E. S. Cohen, R. G. Jenkins and **A. E. John**, *Respiratory Research*, **2023**, *24*, 89.

Phenoxy- and phenylamino-heterocyclic quinones: Synthesis and preliminary anti-pancreatic cancer activity. P. Sanchez, C. O. Salas, S. Gallardo-Fuentes, A. Villegas, N. Veloso, J. Honores, M. Inman, M. Isaacs, R. Contreras, **C. J. Moody**, J. Cisterna, I. Brito and R. A. Tapia, *Chem. Biodiversity* **2022**, *19*, e202101036.

Cytotoxic and radiosensitising effects of a novel thioredoxin reductase inhibitor in brain cancers. A. Yao, S. J. Storr, M. Inman, L. Barwell, **C. J. Moody** and S. G. Martin, *Mol. Neurobiol.*, **2022**, *59*, 3546-3563.

Investigating the pro-fibrotic effects of galectins in IPF - a potential role for glycan-mediated interactions with integrins. J. F. Calver, G. Harris, R. M. Lithgo, R. Slack, D. J. Scott, R. G. Jenkins and **A. E. John**, *Thorax*, **2021**, *76*, A62-A63.

Covid-19 and pulmonary fibrosis: A potential role for lung epithelial cells and fibroblasts. **A. E. John**, C. Joseph, G. Jenkins and A. L. Tatler, *Immunological Reviews*, **2021**, *302*, 228-240.

The novel coronavirus SARS-Cov-2 binds RGD integrins and upregulates α<sub>v</sub>β<sub>3</sub> integrins in Covid-19 infected lungs. J. Calver, C. Joseph, **A. E. John**, L. Organ, H. Fainberg, J. Porte, S. Mukhopadhyay, L. Barton, E. Stroberg, E. Duval, M. Copin, J. Poissy, K. Steinestrel, A. L. Tatler and G. Jenkins, *Thorax*, **2021**, *76*, A22-A23.

Cytotoxic and radiosensitising effects of a novel thioredoxin reductase inhibitor in breast cancer. N. A. Abdullah, M. Inman, **C. J. Moody**, S. J. Storr, S. G. Martin, *Invest. New Drugs*, **2021**, *39*, 1232-1241.

Pharmacological characterisation of GSK3335103, an oral α<sub>v</sub>β<sub>6</sub> integrin small molecule RGD-mimetic inhibitor for the treatment of fibrotic disease. A. L. Wilkinson, **A. E. John**, J. W. Barrett, E. Gower, V. S. Morrison, Y. Man, K. T. Pun, J. A. Roper, J. C. Lockett, L. A. Borthwick, B. S. Barksby, R. A. Burgoyne, R. Barnes, A. J. Fisher, P. A. Procopiou, R. J. D. Hatley, T. N. Barrett, R. P. Marshall, S. J. F. Macdonald, R. G. Jenkins, R. J. Slack, *Eur. J. Pharmacol.*, **2021**, *913*, 174618.

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Translational pharmacology of an inhaled small molecule  $\alpha_v\beta_6$  integrin inhibitor for idiopathic pulmonary fibrosis. **A. E. John**, R. H. Graves, K. T. Pun, G. Vitulli, E. J. Forty, P. F. Mercer, J. L. Morrell, J. W. Barrett, R. F. Rogers, M. Hafeji, L. I. Bibby, E. Gower, V. S. Morrison, Y. Man, J. A. Roper, J. C. Lockett, L. A. Borthwick, B. S. Barksby, R. A. Burgoyne, R. Barnes, J. Le, D. J. Flint, S. Pyne, A. Habgood, L. A. Organ, C. Joseph, R. C. Edwards-Pritchard, T. M. Maher, A. J. Fisher, N. S. Gudmann, D. J. Leeming, R. C. Chambers, P. T. Lukey, R. P. Marshall, S. J. F. Macdonald, R. G. Jenkins, R. J. Slack, *Nature Commun.*, **2020**, *11*, 4659.

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Amplification of TGF- $\beta$  Induced ITGB6 Gene Transcription May Promote Pulmonary Fibrosis. A. L. Tatler, A. T. Goodwin, O. Gbolahan, G. Saini, J. Porte, **A. E. John**, R. L. Clifford, S. M. Violette, P. H. Weinreb, H. Parfrey, P. J. Wolters, J. Gauldie, M. Kolb, G. Jenkins, *Plos One* **2016**, *11*, e0158047.

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