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na Tríonóide/San Séamas

Trinity St James's
Cancer Institute

Compassionate care, revolutionary research

Trinity St James's Cancer Institute Annual Report 2023

PUBLICATIONS

2023 Publications

Sundaramurthi, H., Tonelotto, V., Wynne, K. and 16 more (incl. O'Connell, F., Marcone, S., and O'Sullivan, J.) (2023).Ergolide mediates anti-cancer effects on metastatic uveal melanoma cells and modulates their cellular and extracellular vesicle proteomes. *Open Research Europe*,3. DOI: 10.12688/openreseurope.15973.2

Connor, A.E., Hughes, C., Schäfer, L. and 9 more (incl. Lysaght, J., and Toole, S.A.O.) (2023).Involving patients in healthcare research is well documented but can it work in lab-based research?. *Research Involvement and Engagement*,9(1). DOI: 10.1186/s40900-023-00500-y

Baird, A.-M., Gray, S.G. (2023).Epigenetics of cisplatin resistance. *Epigenetic Cancer Therapy, Second Edition*,577-611. DOI: 10.1016/B978-0-323-91367-6.00026-X

Forde, E., Vassiliou, M. (2023).Early and Late Toxicity in Skin Radiotherapy. *Non-melanoma Skin Cancer: Essentials for Oncologists*,283-294. DOI: 10.1201/9781003226017-20

Foley, G. (2023).Doing Grounded Theory: Key Steps for Design, Data Collection, and Analysis. The Handbook of Teaching Qualitative and *Mixed Research Methods: a Step-by-Step Guide for Instructors*,244-248: DOI: 10.4324/9781003213277-60

Oner, E., Gray, S.G. and Finn, S.P., 2023. Cell Viability Assay with 3D Prostate Tumor Spheroids. In *Cancer Cell Culture: Methods and Protocols* (pp. 263-275). New York, NY: Springer US.

Taylor, C., Dodwell, D., McGale, P. and 111 more (incl Duane, F) (2023). Radiotherapy to regional nodes in early breast cancer: an individual patient data meta-analysis of 14 324 women in 16 trials. *The Lancet*,402(10416) 1991-2003. DOI: 10.1016/S0140-6736(23)01082-6

Mills, K.H.G. (2023).IL-17 and IL-17-producing cells in protection versus pathology. *Nature Reviews Immunology*,23(1) 38-54. DOI: 10.1038/s41577-022-00746-9

Marks, Z.R.C., Campbell, N.K., Mangan, N.E. and 31 more (incl. Bourke, N.M.) (2023).Interferon- ϵ is a tumour suppressor and restricts ovarian cancer. *Nature*,620(7976) 1063-1070. DOI: 10.1038/s41586-023-06421-w

Huete-Carrasco, J., Lavelle, E.C. (2023).Immunostimulatory nanoparticles go viral. *Nature Materials*,22(3) 273-275. DOI: 10.1038/s41563-023-01486-4

Vos, J.L., Burman, B., Jain, S. and 26 more (incl. Fitzgerald, C.W.R.) (2023).Nivolumab plus ipilimumab in advanced salivary gland cancer: a phase 2 trial. *Nature Medicine*, 29(12) 3077-3089. DOI: 10.1038/s41591-023-02518-x

Niu, H., Liu, J., O'Connor, H.M. and 3 more (incl. O'Connor, H.M. and Gunnlaugsson, T.) (2023).Photoinduced electron transfer (PeT) based fluorescent probes for cellular imaging and disease therapy. *Chemical Society reviews*,52(7) 2322-2357. DOI: 10.1039/d1cs01097b

Lawler, M., Davies, L., Oberst, S. and 44 more (incl. Baird, A.-M.) (2023).European Groundshot—addressing Europe's cancer research challenges: a Lancet Oncology Commission. *The Lancet Oncology*,24(1) e11-e56. DOI: 10.1016/S1470-2045(22)00540-X

Rha, S.Y., Oh, D.-Y., Yañez, P. and 213 more (incl. Maeve Lowery) (2023).Pembrolizumab plus chemotherapy versus placebo plus chemotherapy for HER2-negative advanced gastric cancer (KEYNOTE-859): a multicentre, randomised, double-blind, phase 3 trial. *The Lancet Oncology*,24(11) 1181-1195. DOI: 10.1016/S1470-2045(23)00515-6

Davie, M., Kennedy, L., Chilimboyi, K. and 4 more (incl. Hussey, J.) (2023).Developing cancer rehabilitation services and research in low-income and middle-income countries: the case for Zambia and key messages. *The Lancet Oncology*,24(10) 1069-1071. DOI: 10.1016/S1470-2045(23)00441-2

Stossel, C., Raitses-Gurevich, M., Atias, D. and 26 more (incl. O'Kane, G.M.) (2023).Spectrum of Response to Platinum and PARP Inhibitors in Germline BRCA-Associated Pancreatic Cancer in the Clinical and Preclinical Setting. *Cancer Discovery*,13(8) 1826-1843. DOI: 10.1158/2159-8290.CD-22-0412

Mills, K.H.G. (2023).How immunology can help reverse the pertussis vaccine failure. *Nature Immunology*,24(11) 1779-1780. DOI: 10.1038/s41590-023-01625-8

Harrington, K.J., Ferris, R.L., Gillison, M. and 21 more (incl. Grant, C.) (2023).Efficacy and Safety of Nivolumab Plus Ipilimumab vs Nivolumab Alone for Treatment of Recurrent or Metastatic Squamous Cell Carcinoma of the Head and Neck: The Phase 2 CheckMate 714 Randomized Clinical Trial. *JAMA Oncology*,9(6) 779-789. DOI: 10.1001/jamaoncol.2023.0147

Polverelli, N., Hernández-Boluda, J.C., Czerw, T., Barbui, T., D'Adda, M., Deeg, H.J., Ditschkowski, M., Harrison, C., Kröger, N.M., Mesa, R. and Passamonti, F. (2023) Splenomegaly in patients with primary or secondary myelofibrosis who are candidates for allogeneic hematopoietic cell transplantation: a Position Paper on behalf of the Chronic Malignancies Working Party of the EBMT. *The Lancet Haematology*. DOI: [10.1016/S2352-3026\(22\)00330-1](https://doi.org/10.1016/S2352-3026(22)00330-1)

Cao, N., Björk, J., Corral-Rascon, E. and 5 more (incl. Senge, M.O.) (2023).The role of aromaticity in the cyclization and polymerization of alkyne-substituted porphyrins on Au(111). *Nature Chemistry*,15(12) 1765-1772. DOI: 10.1038/s41557-023-01327-6

Harmon, C., Zaborowski, A., Moore, H. and 14 more (incl. Moore, H., Slattery, K., Duquette, D., Scanlan, J., and Kane, H.) (2023). $\gamma\delta$ T cell dichotomy with opposing cytotoxic and wound healing functions in human solid tumors. *Nature Cancer*,4(8) 1122-1137. DOI: 10.1038/s43018-023-00589-w

Douglas, A., Stevens, B., Lynch, L. (2023). Interleukin-17 as a key player in neuroimmunometabolism. *Nature Metabolism*, 5(7) 1088-1100. DOI: 10.1038/s42255-023-00846-3

Chihuri, T.M., Roy, U.B., Moore, A. and 3 more (...) (2023). Patient Report on the Impact of Coronavirus Disease 2019 and Living With Lung Cancer. *JTO Clinical and Research Reports*, 4(9). DOI: 10.1016/j.jtocrr.2023.100549

Opitz, I., Bille, A., Dafni, U. and 65 more (incl. Gray, S.G. and Finn, S.P.) (2023). European Epidemiology of Pleural Mesothelioma—Real-Life Data From a Joint Analysis of the Mesoscape Database of the European Thoracic Oncology Platform and the European Society of Thoracic Surgery Mesothelioma Database. *Journal of Thoracic Oncology*, 18(9) 1233-1247. DOI: 10.1016/j.jtho.2023.06.011

Keogh, R.J., Barr, M.P., Keogh, A. and 9 more (incl. Keogh, A., McMahon, D., Baird, A.-M., Fitzmaurice, G.J., Fitzpatrick, D., O'Brien, C., Finn, S.P.) (2023). Lung Cancer in the Republic of Ireland. *Journal of Thoracic Oncology*, 18(7) 851-857. DOI: 10.1016/j.jtho.2023.03.027

Keogh, R.J., Barr, M.P., Keogh, A., McMahon, D., O'Brien, C., Finn, S.P. and Naidoo, J., 2024. Genomic Landscape of NSCLC in the Republic of Ireland. *JTO Clinical and Research Reports*, 5(2), p.100627.

Koay, H.-F., Lynch, L. (2023). $\gamma\delta$ T cells unveil invisible tumors. *Trends in Immunology*, 44(3) 159-161. DOI: 10.1016/j.it.2023.01.011

Valero, C., Golkaram, M., Vos, J.L. and 19 more (incl. Fitzgerald, C.) (2023). Clinical-genomic determinants of immune checkpoint blockade response in head and neck squamous cell carcinoma. *Journal of Clinical Investigation*, 133(19). DOI: 10.1172/JCI169823

Glancy, E., Wang, C., Tuck, E. and 8 more (incl. Glancy, E., Wang, C., Tuck, E., Healy, E., Mucha, M., and Bracken, A.P.) (2023). PRC2.1- and PRC2.2-specific accessory proteins drive recruitment of different forms of canonical PRC1. *Molecular Cell*, 83(9) 1393-1411.e7. DOI: 10.1016/j.molcel.2023.03.018

McIntyre, C.L., Temesgen, A., Lynch, L. (2023). Diet, nutrient supply, and tumor immune responses. *Trends in Cancer*, 9(9) 752-763. DOI: 10.1016/j.trecan.2023.06.003

Ryan, T.A.J., Hooftman, A., Rehill, A.M. and 33 more (incl. Ryan, T.A.J., Hooftman, A., Brien, E.C.O., Toller-Kawahisa, J.E., Wilk, M.M., Day, E.A., Weiss, H.J., Vozza, E.G., Peace, C.G., Zotta, A., McManus, G., O'Doherty, L., Gargan, S., Long, A., Dunne, J., Cheallaigh, C.N., Conlon, N., Carty, M., Fallon, P.G., Mills, K.H.G., Creagh, E.M., McLoughlin, R.M., Zaslona, Z., and Neill, L.A.J.O.) (2023). Dimethyl fumarate and 4-octyl itaconate are anticoagulants that suppress Tissue Factor in macrophages via inhibition of Type I Interferon. *Nature Communications*, 14(1). DOI: 10.1038/s41467-023-39174-1

Lucien, F., Gustafson, D., Lenassi, M. and 19 more (incl. O'Driscoll, L.) (2023). MIBlood-EV: Minimal information to enhance the quality and reproducibility of blood extracellular vesicle research. *Journal of Extracellular Vesicles*, 12(12). DOI: 10.1002/jev2.12385

Muñoz-Wolf, N., Ward, R.W., Hearnden, C.H. and 14 more (incl. Munoz-Wolf, N., Ward, R.W., Hearnden, C.H., Sharp, F.A., Geoghegan, J., O'Grady, K., McEntee, C.P., Shanahan, K.A., Guv,

C., Bowie, A.G., Campbell, M., and Creagh, E.) (2023).Non-canonical inflammasome activation mediates the adjuvanticity of nanoparticles. *Cell Reports Medicine*,4(1). DOI: 10.1016/j.xcrm.2022.100899

Dyck, L., Lynch, L. (2023).Diverse effects of obesity on antitumor immunity and immunotherapy. *Trends in Molecular Medicine*,29(2) 112-123. DOI: 10.1016/j.molmed.2022.11.004

Lauinger, M., Christen, D., Klar, R.F.U. and 23 more (incl. O’Kane, G.M.) (2023).BRAF $\Delta\beta 3$ - α C in-frame deletion mutants differ in their dimerization propensity, HSP90 dependence, and druggability. *Science Advances*,9(35). DOI: 10.1126/sciadv.ade7486

Ashley, C.W., Selenica, P., Patel, J. and 27 more (incl. Cadoo, K.) (2023).High-Sensitivity Mutation Analysis of Cell-Free DNA for Disease Monitoring in Endometrial Cancer. *Clinical Cancer Research*,29(2) 410-421. DOI: 10.1158/1078-0432.CCR-22-1134

Perera, S., Jang, G.H., Grant, R. and 5 more (incl. O’Kane, G.M.) (2023).hENT1 as a Predictive Biomarker in PDAC-Response. *Clinical Cancer Research*,29(15) 2945-2948. DOI: 10.1158/1078-0432.CCR-23-0887

Visentin, A., Chatzikonstantinou, T., Scarfò, L. and 118 more (incl. Vandenberghe, E.) (2023).The evolving landscape of COVID-19 and post-COVID condition in patients with chronic lymphocytic leukemia: A study by ERIC, the European research initiative on CLL. *American Journal of Hematology*,98(12) 1856-1868. DOI: 10.1002/ajh.27093

Chalandon, Y., Sbianchi, G., Gras, L., Koster, L., Apperley, J., Byrne, J., Salmenniemi, U., Sengeloev, H., Aljurf, M., Helbig, G. and Kinsella, F. (2023) Allogeneic hematopoietic cell transplantation in patients with chronic phase chronic myeloid leukemia in the era of third generation tyrosine kinase inhibitors: A retrospective study by the chronic malignancies working party of the EBMT. *American journal of hematology*, 98(1), pp.112-121. DOI: 10.1002/ajh.26764

Othman, J., Potter, N., Mokretar, K. and 35 more (Conneally, E.) (2023).FLT3 inhibitors as MRD-guided salvage treatment for molecular failure in FLT3 mutated AML. *Leukemia*,37(10) 2066-2072. DOI: 10.1038/s41375-023-01994-x

Bracken, A.P., Kleine-Kohlbrecher, D., Dietrich, N. and 9 more (incl. Bracken, A.P.) (2023).Corrigendum: The Polycomb group proteins bind throughout the INK4A-ARF locus and are disassociated in senescent cells. *Genes & development*,37(17-18). DOI: 10.1101/gad.351178.123

O’Shea, R., Ma, A., Jamieson, R. and 1 more (incl. O’Shea, R.) (2023).Precision medicine in Australia: now is the time to get it right. *Medical Journal of Australia*,218(7). DOI: 10.5694/mja2.51889

Cole, J.A., Gonçalves-Bradley, D.C., Alqahtani, M. and 8 more (Cadogan, C.) (2023).Interventions to improve the appropriate use of polypharmacy for older people. *Cochrane Database of Systematic Reviews*,2023(10). DOI: 10.1002/14651858.CD008165.pub5

Gordhandas, S., Rios-Doria, E., Cadoo, K.A. and 39 more (incl. Cadoo, K.) (2023).Comprehensive analysis of germline drivers in endometrial cancer. *Journal of the National Cancer Institute*,115(5) 560-569. DOI: 10.1093/jnci/djad016

Moorthy, A., Eochagáin, A.N., Dempsey, E., Wall, V., Marsh, H., Murphy, T., Fitzmaurice, G.J., Naughton, R.A. and Buggy, D.J. (2023) Postoperative recovery with continuous erector spinae plane block or video-assisted paravertebral block after minimally invasive thoracic surgery: a prospective, randomised controlled trial. *British Journal of Anaesthesia*, 130(1), pp.e137-e147. DOI: 10.1016/j.bja.2022.07.051

Bates, M., Mohamed, B.M., Ward, M.P. and 9 more (incl. Bates, M., Mohammed, B.M., Ward, M.P., Kelly, T.E., O'Connor, R., Malone, V., Brooks, R., Brooks, D., Martin C., O'Toole, S., and O'Leary, J.J.) (2023).Circulating tumour cells: The Good, the Bad and the Ugly. *Biochimica et Biophysica Acta - Reviews on Cancer*,1878(2). DOI: 10.1016/j.bbcan.2023.188863

Homicksko, K., Zygoura, P., Norkin, M., Tissot, S., Shakarishvili, N., Popat, S., Curioni-Fontecedro, A., O'Brien, M., Pope, A., Shah, R. and Fisher, P., 2023. PD-1-expressing macrophages and CD8 T cells are independent predictors of clinical benefit from PD-1 inhibition in advanced mesothelioma. *Journal for Immunotherapy of Cancer*, 11(10).

Diong, S., O'Gorman, S. and Mellerick, L., 2023. Ecchymotic Plaques on the Scalp of a Man in His 80s. *JAMA dermatology*, 159(7), pp.783-784.

Baltes, P., Dray, X., Riccioni, M.E. and 38 more (incl. McNamara, D.) (2023).Small-bowel capsule endoscopy in patients with Meckel's diverticulum: clinical features, diagnostic workup, and findings. A European multicenter I-CARE study. *Gastrointestinal Endoscopy*,97(5) 917-926.e3. DOI: 10.1016/j.gie.2022.12.014

Moran, B., Davern, M., Reynolds, J.V. and 2 more (incl. Moran, B., Reynolds, J.V., and Lysaght, J.) (2023).The impact of histone deacetylase inhibitors on immune cells and implications for cancer therapy. *Cancer Letters*,559. DOI: 10.1016/j.canlet.2023.216121

McKenna, T., Tomonto, C., Duggan, G. and 3 more (incl. McKenna, T., O'Shaughnessy, S., and Trimble, D.) (2023).Evaluation of bimodal microstructures in selective-laser-melted and heat-treated Ti-6Al-4V. *Materials and Design*,227. DOI: 10.1016/j.matdes.2023.111700

Pennazio, M., Rondonotti, E., Despott, E.J. and 23 more (incl. McNamara, D.) (2023).Small-bowel capsule endoscopy and device-assisted enteroscopy for diagnosis and treatment of small-bowel disorders: European Society of Gastrointestinal Endoscopy (ESGE) Guideline - Update 2022. *Endoscopy*,55(1) 58-95. DOI: 10.1055/a-1973-3796

Liu, T., Dahle, M.A., Lystad, M.H. and 3 more (incl. Marignol, L.) (2023).In vitro and in vivo characterization of [64Cu][Cu(elesclomol)] as a novel theranostic agent for hypoxic solid tumors. *European Journal of Nuclear Medicine and Molecular Imaging*,50(12) 3576-3588. DOI: 10.1007/s00259-023-06310-4

Ma, L.X., Wang, Y., Espin-Garcia, O. and 20 more (incl. O'Kane, G.M.) (2023).Systemic inflammatory prognostic scores in advanced pancreatic adenocarcinoma. *British Journal of Cancer*,128(10) 1916-1921. DOI: 10.1038/s41416-023-02214-0

O'Brien, R.M., Lynam-Lennon, N., Olcina, M.M. (2023).Thinking inside the box: intracellular roles for complement system proteins come into focus. *British Journal of Cancer*,128(2) 165-167. DOI: 10.1038/s41416-022-02116-7

Wallace, N.D., Dunne, M.T., McArdle, O. and 16 more (incl. Wallace, N.D., Dunne, M.T., McArdle, O., Clayton-Lea, A., Collins, C.D., Armstrong, J.G., Gillham, C., Coffey, J., Fitzpatrick, D., Salib, O., Moriarty, M., and Thirion, P.G.) (2023).Efficacy and toxicity of primary re-irradiation for malignant spinal cord compression based on radiobiological modelling: a phase II clinical trial. *British Journal of Cancer*,128(4) 576-585. DOI: 10.1038/s41416-022-02078-w

Elliott, J.A., Markar, S.R., Klevebro, F. and 79 more (incl. Elliot, J.A. and Reynolds, J.V.) (2023).An International Multicenter Study Exploring Whether Surveillance After Esophageal Cancer Surgery Impacts Oncological and Quality of Life Outcomes (ENSURE). *Annals of Surgery*,277(5) E1035-E1044. DOI: 10.1097/SLA.0000000000005378

Wirsik, N.M., Schmidt, T., Nienhüser, H. and 12 more (incl. Donlon, N.E., and Reynolds, J.V.) (2023).Impact of the Surgical Approach for Neoadjuvantly Treated Gastroesophageal Junction Type II Tumors: A Multinational, High-volume Center Retrospective Cohort Analysis. *Annals of Surgery*,278(5) 683-691. DOI: 10.1097/SLA.0000000000006011

Santoro, J., Mukhopadhyaya, A., Oliver, C., Brodkorb, A., Giblin, L. and O'Driscoll, L. (2023). An investigation of extracellular vesicles in bovine colostrum, first milk and milk over the lactation curve. *Food Chemistry*, 401, p.134029. DOI: 10.1016/j.foodchem.2022.134029

Hegarty, I.N., Bradberry, S.J., Lovitt, J.I. and 4 more (incl. Hegarty, I.N., Bradberry, S.J., Lovitt, J.I., Delente, J.M., and Gunnlaugsson, T.) (2023).Luminescent (metallo-supramolecular) cross-linked lanthanide hydrogels from a btp (2,3-bis(1,2,3-triazol-4-yl)picolinamide) monomer give rise to strong Tb(iii) and Eu(iii) centred emissions. *Materials Chemistry Frontiers*,7(5) 906-916. DOI: 10.1039/d2qm00998f

Shen, N., Maggio, M., Woods, I. and 9 more (incl. Shen, N., Maggio, M., Woods, I., Lowery, M., Almasri, R., Gorgun, C., Eicholz, K.F., Stavenschi, E., Hokamp, K., Roche, F.M., O'Driscoll, L., Hoey, D.A.) (2023).Mechanically activated mesenchymal-derived bone cells drive vessel formation via an extracellular vesicle mediated mechanism. *Journal of Tissue Engineering*,14. DOI: 10.1177/20417314231186918

Comerford, C., Dhami, S.P.S., Murphy, P. and 9 more (incl. O'Donnell, J.S.) (2023).Elevated von Willebrand factor levels in multiple myeloma: dysregulated mechanisms of both secretion and clearance. *Thrombosis Research*,226136-140. DOI: 10.1016/j.thromres.2023.04.014

Silva, R., Glennon, K., Metoudi, M. and 11 more (incl. Slattery, K. and Lynch, L.) (2023).Unveiling the epigenomic mechanisms of acquired platinum-resistance in high-grade serous ovarian cancer. *International Journal of Cancer*,153(1) 120-132. DOI: 10.1002/ijc.34496

Sularea, V.M., Sugrue, J.A., O'Farrelly, C. (2023).Innate antiviral immunity and immunometabolism in hepatocytes. *Current Opinion in Immunology*,80. DOI: 10.1016/j.coi.2022.102267

Wheeler, G., Grassberger, C., Samers, J. and 14 more (incl. Daly, P. and Duane, F.K.) (2023).Central Endocrine Complications Among Childhood Cancer Survivors Treated With Radiation Therapy: A PENTEC Comprehensive Review. *International Journal of Radiation Oncology Biology Physics*. DOI: 10.1016/j.ijrobp.2023.04.024

Holt, F., Probert, J., Darby, S.C. and 8 more (incl. Duane, F.) (2023).Proton Beam Therapy for Early Breast Cancer: A Systematic Review and Meta-analysis of Clinical Outcomes. *International Journal of Radiation Oncology Biology Physics*,117(4) 869-882. DOI: 10.1016/j.ijrobp.2023.02.023

Reddin, C., Murphy, R., Hanrahan, C. and 7 more (incl. Kenny, R.A.) (2023).Randomised controlled trials of antihypertensive therapy: does exclusion of orthostatic hypotension alter treatment effect? A systematic review and meta-analysis. *Age and Ageing*,52(4). DOI: 10.1093/ageing/afad044

Davern, M., Donlon, N.E., O'Connell, F. and 15 more (incl. Davern, M., Donlon, N.E., O'Connell, F., Gaughan, C., O'Donovan, C., Habash, M., Sheppard, A.D., MacLean, M., Dunne, M.R., Moore, J., Temperley, H., Conroy, M.J., Butler, C., Bhardwaj, A., Ravi, N., Donohoe, C.L., Reynolds, J.V., and Lysaght, J.) (2023).Acidosis significantly alters immune checkpoint expression profiles of T cells from oesophageal adenocarcinoma patients. *Cancer Immunology, Immunotherapy*,72(1) 55-71. DOI: 10.1007/s00262-022-03228-y

Contursi, A., Fullone, R., Szklanna-Koszalinska, P. and 14 more (incl. Marcone, S.) (2023).Tumor-Educated Platelet Extracellular Vesicles: Proteomic Profiling and Crosstalk with Colorectal Cancer Cells. *Cancers*,15(2). DOI: 10.3390/cancers15020350

O'Sullivan, É., Keogh, A., Henderson, B. and 3 more (including Finn, S.P.) (2023).Treatment Strategies for KRAS-Mutated Non-Small-Cell Lung Cancer. *Cancers*,15(6). DOI: 10.3390/cancers15061635

Dunphy, K., Bazou, D., Henry, M. and 5 more (incl. Bazou, D.) (2023).Proteomic and Metabolomic Analysis of Bone Marrow and Plasma from Patients with Extramedullary Multiple Myeloma Identifies Distinct Protein and Metabolite Signatures. *Cancers*,15(15). DOI: 10.3390/cancers15153764

Lanas, A., Tacconelli, S., Contursi, A. and 11 more (incl. Marcone, S.) (2023).Biomarkers of Response to Low-Dose Aspirin in Familial Adenomatous Polyposis Patients. *Cancers*,15(9). DOI: 10.3390/cancers15092457

Gupta, N., Ochiai, H., Hoshino, Y. and 14 more (incl. Bazou, D.) (2023).Inhibition of CXCR4 Enhances the Efficacy of Radiotherapy in Metastatic Prostate Cancer Models. *Cancers*,15(4). DOI: 10.3390/cancers15041021

O'Connell, F., Mylod, E., Donlon, N.E. and 17 more (incl. Heeran, A.B., Butler, C., Bhardwaj, A., Ramjit, S., Durand, M., Lambe, G., Tansey, P., Welartne, I., Donohoe, C.L., Ravi, N., Dunne, M.R., Reynolds, J.V., and O'Sullivan, J.) (2023).Energy Metabolism, Metabolite, and Inflammatory Profiles in Human Ex Vivo Adipose Tissue Are Influenced by Obesity Status, Metabolic Dysfunction, and Treatment Regimes in Patients with Oesophageal Adenocarcinoma. *Cancers*,15(6). DOI: 10.3390/cancers15061681

Fitzgerald, C.W., Hararah, M., Mclean, T. and 6 more (incl. Fitzgerald, C.W.) (2023).Virtual Surgical Planning and Three-Dimensional Models for Precision Sinonasal and Skull Base Surgery. *Cancers*,15(20). DOI: 10.3390/cancers15204989

Keogh, C., O'Sullivan, N.J., Temperley, H.C. and 17 more (incl. Keogh, C., O'Sullivan, N.J., Temperley, H.C., Ryan, E.J., Mehigan, B.J., McCormick, P.H., and Kelly, M.E.) (2023).Redo Pelvic Surgery and Combined Metastectomy for Locally Recurrent Rectal Cancer with Known Oligometastatic Disease: A Multicentre Review. *Cancers*,15(18). DOI: 10.3390/cancers15184469

Maher, R., Moreno-Borralló, A., Jindal, D. and 3 more (incl. Maher, R., Moreno-Borralló, A., Jindal, D., Ruiz-Hernandez, E., and Harkin, A.) (2023).Intranasal Polymeric and Lipid-Based Nanocarriers for CNS Drug Delivery. *Pharmaceutics*,15(3). DOI: 10.3390/pharmaceutics15030746

Mukhopadhyaya, A., Tsiapalis, D., McNamee, N. and 2 more (incl. Talbot, B. and O'Driscoll, L.) (2023).Doxorubicin Loading into Milk and Mesenchymal Stem Cells' Extracellular Vesicles as Drug Delivery Vehicles. *Pharmaceutics*,15(3). DOI: 10.3390/pharmaceutics15030718

de la Torre, C., Coll, C., Ultimo, A. and 3 more (incl. Ruiz-Hernandez, E.) (2023).In Situ-Forming Gels Loaded with Stimuli-Responsive Gated Mesoporous Silica Nanoparticles for Local Sustained Drug Delivery. *Pharmaceutics*,15(4). DOI: 10.3390/pharmaceutics15041071

Moran, J., Mylod, E., Kane, L.E. and 7 more (incl. Kane, L.E., Marion, C., Keenan, E., Mekhaeil, M., Lysaght, J., Dev, K.K., O'Sullivan, J., and Conroy, M.J.) (2023).Investigating the Effects of Olaparib on the Susceptibility of Glioblastoma Multiforme Tumour Cells to Natural Killer Cell-Mediated Responses. *Pharmaceutics*,15(2). DOI: 10.3390/pharmaceutics15020360

Cable, J., Rathmell, J.C., Pearce, E.L. and 26 more (incl. O'Neill, L.A.J.) (2023).Immunometabolism at the crossroads of obesity and cancer—a Keystone Symposia report. *Annals of the New York Academy of Sciences*,1523(1) 38-50. DOI: 10.1111/nyas.14976

Davern, M., Gaughan, C., O'Connell, F. and 21 more (incl. Davern, M., Gaughan, C., O'Connell, F., Moran, B., Mylod, E., Sheppard, A.D., Ramjit, S., Phelan, J.J., Davey, M.G., Ryan, E.J., Butler, C., Quinn, L., Howard, C., Tone, E., Pheonix, E., Butt, W.T., Lynam-Lennon, N., Maher, S.G., Ravi, N., Donohoe, C.L., Reynolds, J.V., Lysaght, J. and Donlon, N.E.) (2023).PD-1 blockade attenuates surgery-mediated immunosuppression and boosts Th1 immunity perioperatively in oesophagogastric junctional adenocarcinoma. *Frontiers in Immunology*,14. DOI: 10.3389/fimmu.2023.1150754

Davern, M., Donlon, N.E. (2023).The future of combination immunotherapy in oesophageal adenocarcinoma. *Frontiers in Immunology*,14. DOI: 10.3389/fimmu.2023.1217132

Oleszycka, E., O'Brien, E.C., Freeley, M. and 2 more (incl. Lavelle, E.C., and Long, A.) (2023).Bile acids induce IL-1 α and drive NLRP3 inflammasome-independent production of IL-1 β in murine dendritic cells. *Frontiers in Immunology*,14. DOI: 10.3389/fimmu.2023.1285357

Greenan, E., Vandenberghe, E., Conneally, E. and 2 more (incl. Vandenberghe, E., and Conneally, E.) (2023). Seeing the unseen: Use of a modified OSDI questionnaire to accurately detect chronic ocular GVHD in a hematology clinic. *Ocular Surface*, 2775-76. DOI: 10.1016/j.jtos.2022.12.001

Maguire, J., Harvey, H., Jones, A. and 6 more (incl. Grant, C., and Flavin, R.) (2024). Clinical boundaries in adult cases of large B cell lymphoma with IRF4 rearrangement. *Histopathology*, 84(2) 399-401. DOI: 10.1111/his.15079

Darragh, I.A.J., McNamee, N., Daly, R. and 3 more (incl. Daly, R., Pacheco, S.M., O'Driscoll, L.) (2023). The separation and identification of circulating small extracellular vesicles from endurance-trained, strength-trained and recreationally active men. *Journal of Physiology*, 601(22) 5075-5091. DOI: 10.1113/JP285170

Liu, Y.L., Gordhandas, S., Arora, K. and 28 more (incl. Cadoo, K.) (2023). Pathogenic germline variants in patients with endometrial cancer of diverse ancestry. *Cancer*. DOI: 10.1002/cncr.35071

Clarke, N., Hayes, L., McQueen, A. and 7 more (incl. O'Morain, C.A.) (2023). The role of defensive information processing in population-based colorectal cancer screening uptake. *Cancer*, 129(8) 1253-1260. DOI: 10.1002/cncr.34603

Mekhaeil, M., Conroy, M.J., Dev, K.K. (2023). Elucidating the Therapeutic Utility of Olaparib in Sulfatide-Induced Human Astrocyte Toxicity and Neuroinflammation. *Journal of Neuroimmune Pharmacology*. DOI: 10.1007/s11481-023-10092-9

Villain, E., Chanson, A., Mainka, M. and 54 more (incl. Bourke, N.) (2023). Integrated analysis of whole blood oxylipin and cytokine responses after bacterial, viral, and T cell stimulation reveals new immune networks. *iScience*, 26(8). DOI: 10.1016/j.isci.2023.107422

Mekhaeil, M., Conroy, M.J., Dev, K.K. (2023). Olaparib Attenuates Demyelination and Neuroinflammation in an Organotypic Slice Culture Model of Metachromatic Leukodystrophy. *Neurotherapeutics*, 20(5) 1347-1368. DOI: 10.1007/s13311-023-01409-w

Coleman, N., Yap, T.A., Heymach, J.V. and 2 more (incl. Coleman, N.) (2023). Antibody-drug conjugates in lung cancer: dawn of a new era?. *npj Precision Oncology*, 7(1). DOI: 10.1038/s41698-022-00338-9

Romero, J.M., Titmuss, E., Wang, Y. and 15 more (incl. O'Kane, G.M.) (2023). Chemokine expression predicts T cell-inflammation and improved survival with checkpoint inhibition across solid cancers. *npj Precision Oncology*, 7(1). DOI: 10.1038/s41698-023-00428-2

Hannon, G., Bogdanska, A., Keogh, A. and 3 more (incl. Finn, S.P., Gobbo, O.L., and Prina-Mello, A.) (2023). Biodistribution and histological analysis of iron oxide-dextran nanoparticles in wistar rats. *Nanotoxicology*, 17(8-9) 562-580. DOI: 10.1080/17435390.2023.2276413

Ma, L.X., Espin-Garcia, O., Bach, Y. and 14 more (incl. O’Kane, G.M.) (2023).Comparison of Four Clinical Prognostic Scores in Patients with Advanced Gastric and Esophageal Cancer. *The oncologist*,28(3) 214-219. DOI: 10.1093/oncolo/oyac235

Galvin, S., Anishchuk, S., Healy, C.M. and 1 more (incl. Moran, G.P.) (2023).Smoking, tooth loss and oral hygiene practices have significant and site-specific impacts on the microbiome of oral mucosal surfaces: a cross-sectional study. *Journal of Oral Microbiology*,15(1). DOI: 10.1080/20002297.2023.2263971

Morales-Valdivia, E., Brady, A.-M., Mariscal-Crespo, M.I. and 1 more (incl. Brady, A.-M.) (2023).A comprehensive analysis of the readability of consent forms for blood transfusion in Spain. *Blood Transfusion*,21(4) 356-363. DOI: 10.2450/2022.0153-22

Buckley, C.E., O’Brien, R.M., Nugent, T.S. and 15 more (incl. Donlon, N.E., O’Connell, F., Reynolds, J.V., Mehigan, B.J., McCormick, P.H., Dunne, C., Kelly, M.E., Larkin, J.O., O’Sullivan, J., Lynam-Lennon, N.) (2023).Metformin is a metabolic modulator and radiosensitiser in rectal cancer. *Frontiers in Oncology*,13. DOI: 10.3389/fonc.2023.1216911

O’Shea, R., Crook, A., Jacobs, C. and 8 more (incl. O’Shea, R.) (2023).A mainstreaming oncogenomics model: improving the identification of Lynch syndrome. *Frontiers in Oncology*,13. DOI: 10.3389/fonc.2023.1140135

McCauley, R., Ryan, K., McQuillan, R. and 1 more (incl. Foley, G.) (2023).Mutual support between patients and family caregivers in palliative care: A qualitative study. *Palliative Medicine*,37(10) 1520-1528. DOI: 10.1177/02692163231205130

Lozano-Vicario, L., García-Hermoso, A., Cedeno-Veloz, B.A. and 8 more (incl. Romero-Ortuno, R.) (2023).Biomarkers of delirium risk in older adults: a systematic review and meta-analysis. *Frontiers in Aging Neuroscience*,15. DOI: 10.3389/fnagi.2023.1174644

Walls, G.M., O’Connor, J., Harbinson, M. and 15 more (incl. Fran, D) (2023).Association between statin therapy dose intensity and radiation cardiotoxicity in non-small cell lung cancer: Results from the NI-HEART study. *Radiotherapy and Oncology*,186. DOI: 10.1016/j.radonc.2023.109762

Ultimo, A., Orzaez, M., Santos-Martinez, M.J. and 4 more (incl. Ruiz-Herandez, E.) (2023).High-Capacity Mesoporous Silica Nanocarriers of siRNA for Applications in Retinal Delivery. *International Journal of Molecular Sciences*,24(3). DOI: 10.3390/ijms24032753

Buckley, C.E., Yin, X., Meltzer, S. and 5 more (incl. O’Sullivan, J. and Lynam-Lennon, N.) (2023).Energy Metabolism Is Altered in Radioresistant Rectal Cancer. *International Journal of Molecular Sciences*,24(8). DOI: 10.3390/ijms24087082

O’Shaughnessy, M., Sheils, O., Baird, A.-M. (2023).The Lung Microbiome in COPD and Lung Cancer: Exploring the Potential of Metal-Based Drugs. *International Journal of Molecular Sciences*,24(15). DOI: 10.3390/ijms241512296

Richards, C.E., Elamin, Y.Y., Carr, A. and 13 more (incl. Gately, K. and Rafee, S.) (2023).Protein Tyrosine Phosphatase Non-Receptor 11 (PTPN11/Shp2) as a Driver Oncogene and a Novel Therapeutic Target in Non-Small Cell Lung Cancer (NSCLC). *International Journal of Molecular Sciences*,24(13). DOI: 10.3390/ijms241310545

Kulkarni, A., Bazou, D., Santos-Martinez, M.J. (2023). Bleeding and Thrombosis in Multiple Myeloma: Platelets as Key Players during Cell Interactions and Potential Use as Drug Delivery Systems. *International Journal of Molecular Sciences*, 24(21). DOI: 10.3390/ijms242115855

Katsenou, A., O'Farrell, R., Dowling, P. and 3 more (incl. Katsenou, A. and O'Farrell, R.) (2023). Using Proteomics Data to Identify Personalized Treatments in Multiple Myeloma: A Machine Learning Approach. *International Journal of Molecular Sciences*, 24(21). DOI: 10.3390/ijms242115570

Baněčková, M., Thompson, L.D., Hyrcza, M.D., Vaněček, T., Agaimy, A., Laco, J., Simpson, R.H., Di Palma, S., Stevens, T.M., Brcic, L. and Etebarian, A., 2023. Salivary gland secretory carcinoma: clinicopathologic and genetic characteristics of 215 cases and proposal for a grading system. *The American Journal of Surgical Pathology*, 47(6), pp.661-677.

Greijdanus, N.G., Wienholts, K., Ubels, S. and 722 more (incl. Kelly, M., Larkin, J., and McCormick, P.) (2023). Stoma-free survival after anastomotic leak following rectal cancer resection: worldwide cohort of 2470 patients. *British Journal of Surgery*, 110(12) 1863-1876. DOI: 10.1093/bjs/znad311

O'Brien, A., Forde, C. (2023). Health science staff and student experiences of teaching and assessing clinical skills using digital tools: a qualitative study. *Annals of Medicine*, 55(2). DOI: 10.1080/07853890.2023.2256656

Duquette, D., Harmon, C., Zaborowski, A. and 5 more (incl. O'Farrelly, C. and Lynch, L.) (2023). Human Granzyme K Is a Feature of Innate T Cells in Blood, Tissues, and Tumors, Responding to Cytokines Rather than TCR Stimulation. *Journal of Immunology*, 211(4) 633-647. DOI: 10.4049/jimmunol.2300083

de Janon, A., Mantalaris, A., Panoskaltsis, N. (2023). Three-Dimensional Human Bone Marrow Organoids for the Study and Application of Normal and Abnormal Hematopoiesis. *Journal of Immunology*, 210(7) 895-904. DOI: 10.4049/jimmunol.2200836

Curham, L.M., Mannion, J.M., Daly, C.M. and 5 more (incl. Wilk, M.M., Borkner, L., Lator, S.J., McLoughlin, R.M., and Mills, K.H.G.) (2023). Bystander activation of Bordetella pertussis-induced nasal tissue-resident memory CD4 T cells confers heterologous immunity to *Klebsiella pneumoniae*. *European Journal of Immunology*, 53(5). DOI: 10.1002/eji.202250247

Elasbali, A.M., Al-Soud, W.A., Mousa Elayyan, A.E. and 9 more (incl. Mohamed, B.M.) (2023). Integrating network pharmacology approaches for the investigation of multi-target pharmacological mechanism of 6-shogaol against cervical cancer. *Journal of Biomolecular Structure and Dynamics*. DOI: 10.1080/07391102.2023.2191719

Elasbali, A.M., Al-Soud, W.A., Alhassan, H.H. and 6 more (incl. Mohamed, B.M.) (2023). Discovering Gummadiol and Isoarboresinol as potential inhibitors of sphingosine kinase 1: virtual screening and MD simulation studies. *Journal of Biomolecular Structure and Dynamics*, 41(22) 12789-12797. DOI: 10.1080/07391102.2023.2167864

Gomez-Arteaga, A., Orfali, N., Pasciolla, M. and 12 more (incl. Orfali, N.) (2023). Haploidentical allogeneic stem cell transplantation with post-transplant cyclophosphamide and subsequent kidney transplant for patients with severe sickle cell disease with end-stage kidney disease (ESKD). *Bone Marrow Transplantation*, 58(7) 835-838. DOI: 10.1038/s41409-023-01981-x

Ryan, K.M., Smyth, P., Blackshields, G., Kranaster, L., Sartorius, A., Sheils, O. and McLoughlin, D.M., 2023. Electroconvulsive stimulation in rats induces alterations in the hippocampal miRNome: translational implications for depression. *Molecular Neurobiology*, 60(3), pp.1150-1163.

Mylod, E., McKenna, E., Davern, M. and 8 more (incl. Barr, M.P., Dolon, N.E., Bhardwaj, A., Reynolds, J.V., Lysaght, J., Maher, S.G., and Conroy, M.J.) (2023). Investigating the susceptibility of treatment-resistant oesophageal tumours to natural killer cell-mediated responses. *Clinical and Experimental Medicine*, 23(2) 411-425. DOI: 10.1007/s10238-022-00811-6

Garcia, M.R., Iribarren, I., Rozas, I. and Trujillo, C. (2023). Simultaneous Hydrogen Bonds with Different Binding Modes: The Acceptor “Rules” but the Donor “Chooses”. *Chemistry - A European Journal*, 29(21). DOI: 10.1002/chem.202203577

Osadchuk, I., Luts, H.-E., Norvaiša, K. and 2 more (incl. Senge, M.O.) (2023). Supramolecular Chirogenesis in a Sterically Hindered Porphyrin: A Critical Theoretical Analysis. *Chemistry - A European Journal*, 29(49). DOI: 10.1002/chem.202302275

Knight, S.P., Duggan, E., Romero-Ortuno, R. (2023). Blood Pressure Signal Entropy as a Novel Marker of Physical Frailty: Results from the FRAILMatics Clinical Cohort. *Journal of Clinical Medicine*, 12(1). DOI: 10.3390/jcm12010053

Nagar, S., Pigott, M., Kukula-Koch, W. and Sheridan, H. (2023). Unravelling Novel Phytochemicals and Anticholinesterase Activity in Irish *Cladonia portentosa*. *Molecules*, 28(10). DOI: 10.3390/molecules28104145

Markey, G.E., Donohoe, C.L., McNamee, E.N. and Masterson, J.C. (2023). MicroRNA dysregulation and therapeutic opportunities in esophageal diseases. *American Journal of Physiology - Gastrointestinal and Liver Physiology*, 325(1) G1-G13. DOI: 10.1152/ajpgi.00184.2022

Lee, C.L., Cremona, M., Farrelly, A. and 8 more (incl. O'Neill, B.) (2023). Preclinical evaluation of the CDK4/6 inhibitor palbociclib in combination with a PI3K or MEK inhibitor in colorectal cancer. *Cancer Biology and Therapy*, 24(1). DOI: 10.1080/15384047.2023.2223388

Safavi, D., Subramaniam, V.S., Obeidi, N. and 2 more (incl. Saadeh, F.) (2023). Post-operative ureteral injury after cytoreductive surgery for ovarian cancer managed by primary repair through minimally invasive approach. *International Journal of Gynecological Cancer*, 33(4) 633-635. DOI: 10.1136/ijgc-2022-003963

Murphy, C., Gornés Pons, G., Keogh, A. and 11 more (incl. Ryan, L., McCarra, L., Jose, C.M., Kesar, S., Nicholson, S., Fitzmaurice, G.J., Ryan, R., Young, V., Cuffe, S., Finn, S.P., and Gray, S.G.) (2023).An Analysis of JADE2 in Non-Small Cell Lung Cancer (NSCLC). *Biomedicines*,11(9). DOI: 10.3390/biomedicines11092576

Mülder, D.T., van den Puttelaar, R., Meester, R.G.S. and 2 more (incl. O'Mahony, J.F.) (2023).Development and validation of colorectal cancer risk prediction tools: A comparison of models. *International Journal of Medical Informatics*,178. DOI: 10.1016/j.ijmedinf.2023.105194

Bach, Y., Panov, E., Espin-Garcia, O. and 18 more (incl. O'Kane, G.) (2023).First impressions: A prospective evaluation of patient–physician concordance and satisfaction following the initial medical oncology consultation. *Cancer Medicine*. DOI: 10.1002/cam4.6758

Pervin, J., Asad, M., Cao, S. and 10 more (incl. O'Kane, G.M.) (2023).Clinically impactful metabolic subtypes of pancreatic ductal adenocarcinoma (PDAC). *Frontiers in Genetics*,14. DOI: 10.3389/fgene.2023.1282824

Rubinstein, M.M., Doria, E.R., Konner, J. and 20 more (incl. Cadoo, K.) (2023).Durvalumab with or without tremelimumab in patients with persistent or recurrent endometrial cancer or endometrial carcinosarcoma: A randomized open-label phase 2 study. *Gynecologic Oncology*,16964-69. DOI: 10.1016/j.ygyno.2022.11.028

O'Neill, A.M., Calpin, G.G., Norris, L. and Beirne, J.P., 2023. The impact of enhanced recovery after gynaecological surgery: A systematic review and meta-analysis. *Gynecologic Oncology*, 168, pp.8-16. DOI: 10.1016/j.ygyno.2022.10.019

McCauley, R., Ryan, K., McQuillan, R. and 1 more (incl. Foley, G.) (2023).Patient and Caregiver Reciprocal Support: Impact on Decision Making in Specialist Palliative Care. *Journal of Pain and Symptom Management*,66(5) 570-577. DOI: 10.1016/j.jpainsymman.2023.08.002

Crealey, G.E., Hackett, C., Harkin, K. and 8 more (incl. Kelleher, F.) (2023).Melanoma-related costs by disease stage and phase of management in Ireland. *Journal of Public Health (United Kingdom)*,45(3) 714-722. DOI: 10.1093/pubmed/fdac154

Mulcahy Symmons, S., Ryan, K., Aoun, S.M. and 11 more (incl. Davies, A.N., O'Leary, N., Mockler, D., and Foley, G.) (2023).Decision-making in palliative care: Patient and family caregiver concordance and discordance - Systematic review and narrative synthesis. *BMJ Supportive and Palliative Care*,13(4) 374-385. DOI: 10.1136/bmjspcare-2022-003525

McCauley, R., Ryan, K., McQuillan, R. and 2 more (incl. Foley, G.) (2023).Supportive relationships between patients and family caregivers in specialist palliative care: A qualitative study of barriers and facilitators. *BMJ Supportive and Palliative Care*. DOI: 10.1136/spcare-2023-004371

Mullen, S., Movia, D. (2023).The role of extracellular vesicles in non-small-cell lung cancer, the unknowns, and how new approach methodologies can support new knowledge generation in the field. *European Journal of Pharmaceutical Sciences*,188. DOI: 10.1016/j.ejps.2023.106516

Zhang, T., Bandero, V., Corcoran, C. and 6 more (incl. Obaidi, I., Ruether, M., O'Brien, J., O'Driscoll, L., Frankish, N., and Sheridan, H.) (2023).Design, synthesis and biological evaluation of a novel bioactive indane scaffold 2-(diphenylmethylene)c-2,3-dihydro-1H-inden-1-one with potential anticancer activity. *European Journal of Pharmaceutical Sciences*,188. DOI: 10.1016/j.ejps.2023.106529

Karampini, E., Fogarty, H., Elliott, S. and 14 more (incl. Bergin, C., Byrne, M., Martin-Loeches, I., Lavin, M., Cheallaigh, C.N., and O'Donnell, J.S.) (2023).Endothelial cell activation, Weibel-Palade body secretion, and enhanced angiogenesis in severe COVID-19. *Research and Practice in Thrombosis and Haemostasis*,7(2). DOI: 10.1016/j.rpth.2023.100085

Wang, S., Malebari, A.M., Greene, T.F. and 7 more (incl. Kandwal, S., Fayne, D., Nathwani, S.M., Zisterer, D.M., Twamley, B., O'Boyle, N.M., and Meegan, M.J.) (2023).Antiproliferative and Tubulin-Destabilising Effects of 3-(Prop-1-en-2-yl)azetidin-2-Ones and Related Compounds in MCF-7 and MDA-MB-231 Breast Cancer Cells. *Pharmaceuticals*,16(7). DOI: 10.3390/ph16071000

Liu, J., Wu, R., Yuan, S. and 6 more (incl. Kelleher, R., Zhang, T., Obaidi, I., and Sheridan, H.) (2023).Pharmacogenomic Analysis of Combined Therapies against Glioblastoma Based on Cell Markers from Single-Cell Sequencing. *Pharmaceuticals*,16(11). DOI: 10.3390/ph16111533

Leijenaar, R.T.H., Walsh, S., Akshayaa Vaidyanathan and 13 more (incl. Leech, M., Joyce, R., and Gillham, C.) (2023).External validation of a radiomic signature to predict p16 (HPV) status from standard CT images of anal cancer patients. *Scientific Reports*,13(1). DOI: 10.1038/s41598-023-34162-3

Alharbi, B., Qanash, H., Binsaleh, N.K. and 9 more (incl. Mahmoud, M., Lioudakis, E., O'Leary, J.J., Doherty, D.G., Mohamed, B.M., and Gray, S.G.) (2023).Proof of concept nanotechnological approach to in vitro targeting of malignant melanoma for enhanced immune checkpoint inhibition. *Scientific Reports*,13(1). DOI: 10.1038/s41598-023-34638-2

Erthal, L.C.S., Shi, Y., Sweeney, K.J. and 2 more (incl. Gobbo, O.L. and Ruiz-Hernandez, E.) (2023).Nanocomposite formulation for a sustained release of free drug and drug-loaded responsive nanoparticles: an approach for a local therapy of glioblastoma multiforme. *Scientific Reports*,13(1). DOI: 10.1038/s41598-023-32257-5

Mohamed, B.M., Ward, M.P., Bates, M. and 14 more (incl. Spillane, C.D., Kelly, T., Martin, C., Gallagher, M., Heffernan, S., Norris, L., Kennedy, J., Saadeh, F.A., Gleeson, N., O'Toole, S., and O'Leary, J.J.) (2023).Ex vivo expansion of circulating tumour cells (CTCs). *Scientific Reports*,13(1). DOI: 10.1038/s41598-023-30733-6

Langabeer, S.E., 2023. A temporal cluster of acute promyelocytic leukemia. *EXCLI journal*, 22, p.67.

Beirne, D.F., Farkaš, B., Donati, C. and 4 more (incl Rozas, I.) (2023).Novel design of dual-action Pt(IV) anticancer pro-drugs based on cisplatin and derivatives of the tyrosine kinase inhibitors imatinib and nilotinib. *Dalton Transactions*,52(39) 14110-14122. DOI: 10.1039/d3dt02030d

Delgadillo, J., Kerkelä, E., Waters, A. and 6 more (incl. Gardiner, N.) (2023).A management model in blood, tissue and cell establishments to ensure rapid and sustainable patient access to advanced therapy medicinal products in Europe. *Cytotherapy*,25(12) 1259-1264. DOI: 10.1016/j.jcyt.2023.08.001

Chetcuti Zammit, S., Yadav, A., McNamara, D. and 15 more (incl. Yadav, A. and McNamara, D.) (2023).Where does capsule endoscopy fit in the diagnostic algorithm of small bowel intussusception?. *Digestive and Liver Disease*,55(12) 1719-1724. DOI: 10.1016/j.dld.2023.05.034

Martini, C. and 30 more (incl. Tewari, P., Martin, C., O'Toole, S., Bates, M., Ward, M., Mohammed, B., Keegan, H., and O'Leary, J.J.) 2023. Aberrant protein expression of Appl1, Sortilin and Syndecan-1 during the biological progression of prostate cancer. *Pathology*, 55(1), pp.40-51. DOI: 10.1016/j.pathol.2022.08.001

Choi, W.J., Ivanics, T., Gravely, A. and 3 more (incl. O'Kane, G.M.) (2023).Optimizing Circulating Tumour DNA Use in the Perioperative Setting for Intrahepatic Cholangiocarcinoma: Diagnosis, Screening, Minimal Residual Disease Detection and Treatment Response Monitoring. *Annals of Surgical Oncology*,30(6) 3849-3863. DOI: 10.1245/s10434-023-13126-x

Davey, M.G., Temperley, H.C., O'Sullivan, N.J. and 6 more (incl. Temperley, H.C.) (2023).Minimally Invasive and Open Gastrectomy for Gastric Cancer: A Systematic Review and Network Meta-Analysis of Randomized Clinical Trials. *Annals of Surgical Oncology*,30(9) 5544-5557. DOI: 10.1245/s10434-023-13654-6

Scholfield, D.W., Fitzgerald, C.W., Alzumaili, B. and 10 more (incl. Fitzgerald, C.W.) (2023).Diffuse Sclerosing Papillary Thyroid Carcinoma: Clinicopathological Characteristics and Prognostic Implications Compared with Classic and Tall Cell Papillary Thyroid Cancer. *Annals of Surgical Oncology*,30(8) 4761-4770. DOI: 10.1245/s10434-023-13589-y

Scholfield, D.W., Fitzgerald, C.W., Alzumaili, B. and 10 more (incl. Fitzgerald, C.W.) (2023).ASO Visual Abstract: Diffuse Sclerosing Papillary Thyroid Carcinoma-Clinicopathological Characteristics and Prognostic Implications in Comparison with Classic and Tall Cell Papillary Thyroid Cancer. *Annals of surgical oncology*,30(8) 4771-4772. DOI: 10.1245/s10434-023-13661-7

Choi, W.J., Sapisochin, G., O'Kane, G.M. (2023).ASO Author Reflections: Incorporating Circulating Tumor DNA in Perioperative Management of Intrahepatic Cholangiocarcinoma. *Annals of Surgical Oncology*,30(6) 3864-3865. DOI: 10.1245/s10434-023-13211-1

Choi, W.J., Ivanics, T., Gravely, A. and 3 more (incl. O'Kane, G.M.) (2023).ASO Visual Abstract: Optimizing Circulating Tumor DNA Use in the Perioperative Setting for Intrahepatic Cholangiocarcinoma-Diagnosis, Screening, Minimal Residual Disease Detection, and Treatment Response Monitoring. *Annals of surgical oncology*,30(6) 3866-3867. DOI: 10.1245/s10434-023-13184-1

Davern, M., Bracken-Clarke, D., Donlon, N.E. and 16 more (incl. Sheppard, A.D., Connell, F.O., Heeran, A.B., Majcher, K., Conroy, M.J., Mylod, E., Butler, C., Donohoe, C., Donnell, D.O., Lowery, M., Bhardwaj, A., Ravi, N., Melo, A.A., Sullivan, J.O., Reynolds, J.V., and Lysaght, J.) (2023).Visceral adipose tissue secretome from early and late-stage oesophageal cancer patients differentially affects effector and regulatory T cells. *Journal of Cancer Research and Clinical Oncology*,149(9) 6583-6599. DOI: 10.1007/s00432-023-04620-6

Davern, M., Donlon, N.E., O'Connell, F. and 16 more (incl. Gaughan, C., O'Donovan, C., McGrath, J., Sheppard, A.D., Hayes, C., King, R. Temperley, H., MacLean, M., Bulter, C., Bhardwaj, A., Moore, J., Donohoe, C., Ravi, N., Conroy, M.J., Reynolds, J.V., and Lysaght, J.) (2023).Nutrient deprivation and hypoxia alter T cell immune checkpoint expression: potential impact for immunotherapy. *Journal of Cancer Research and Clinical Oncology*,149(8) 5377-5395. DOI: 10.1007/s00432-022-04440-0

Hannon Barroeta, P., O'Sullivan, M.J., Zisterer, D.M. (2023).The role of the Nrf2/GSH antioxidant system in cisplatin resistance in malignant rhabdoid tumours. *Journal of Cancer Research and Clinical Oncology*,149(11) 8379-8391. DOI: 10.1007/s00432-023-04734-x

Davern, M., Donlon, N.E., Sheppard, A.S. and 16 more (incl. Majcher, K.D., Connell, F.O., Heeran, A.B., Grant, M., Farrell, R.A., Hayes, C., Bracken-Clarke, D., Conroy, M.J., Foley, E., Toole, D.O., Bhardwaj, A., Ravi, N., Reynolds, J.V., Maher, S.G., Sullivan, J.O., and Lysaght, J.) (2023).FLOT and CROSS chemotherapy regimens alter the frequency of CD27+ and CD69+ T cells in oesophagogastric adenocarcinomas: implications for combination with immunotherapy. *Journal of Cancer Research and Clinical Oncology*,149(7) 3753-3774. DOI: 10.1007/s00432-022-04283-9

Nugent, K., Browne, D., Dunne, M. and 8 more (incl. Sharma, D., Bradshaw, S., McArdle, O., Salib, O., Lavan, N., and Gillham, C.) (2023).Prospective randomised phase II trial evaluating adjuvant pelvic radiotherapy using either IMRT or 3-Dimensional planning for endometrial cancer. *Acta Oncologica*,62(8) 907-914. DOI: 10.1080/0284186X.2023.2238555

Langabeer, S.E., 2023. BCR:: ABL1 screening is not indicated in patients with splenomegaly without neutrophilia and/or basophilia. *Journal of Clinical Pathology*, 76(6), pp.413-413.

Goyal, N., Hennessy, M., Lehman, E. and 71 more (incl. Healy, C.) (2023).Risk factors for head and neck cancer in more and less developed countries: Analysis from the INHANCE consortium. *Oral Diseases*,29(4) 1565-1578. DOI: 10.1111/odi.14196

Armstrong, C., Au, W.-Y., Ma, E.S.K. and 2 more (incl. Orfali, N.) (2023).Sustained spontaneous remission in KMT2A-MLLT3 mutated myeloid sarcoma. *Annals of Hematology*,102(5) 1271-1274. DOI: 10.1007/s00277-023-05173-x

van Gulik, A.L., Sluydts, E., Vervoort, L., Kockx, M., Kortman, P., Ylstra, B., Finn, S.P., Bubendorf, L., Bahce, I., Sie, D. and Radonic, T., 2023. False positivity in break apart fluorescence in-situ hybridization due to polyploidy. *Translational Lung Cancer Research*, 12(4), p.676.

Knight, S.P., Ward, M., Duggan, E. and 3 more (incl. Xue, F., Kenny, R.A., and Romero-Ortuno, R.) (2023).Evaluation of a 3-Item Health Index in Predicting Mortality Risk: A 12-Year Follow-Up Study. *Diagnostics*,13(17). DOI: 10.3390/diagnostics13172801

Abdullah, S.A.A., Goa, P., Vandenberghe, E. and 1 more (incl. Flavin, R.) (2023).Update on the Pathogenesis of Enteropathy-Associated T-Cell Lymphoma. *Diagnostics*,13(16). DOI: 10.3390/diagnostics13162629

Semenov, S., Costigan, C., Ismail, M.S. and 1 more (incl. McNamara, D.) (2023).Low Colon Capsule Endoscopy (CCE) False Negative Rate for Polyps Excluding Reader Error. *Diagnostics*,13(1). DOI: 10.3390/diagnostics13010056

Leung, B., Pilleron, S., Bastiaannet, E. and 17 more (incl. Mac Eochagain, C.) (2023).Cancer treatment-related decision-making among culturally and linguistically diverse older adults with cancer: A scoping review by the International Society of Geriatric Oncology Nursing and Allied Health Interest Group. *Journal of Geriatric Oncology*,14(8). DOI: 10.1016/j.jgo.2023.101607

Mac Eochagain, C., Barrell, A., Murphy, J. and 6 more (incl. Mac Eochagain, C.) (2023).“What matters to you?” Patient-reported treatment goals in geriatric oncology: A cross-sectional survey. *Journal of Geriatric Oncology*. DOI: 10.1016/j.jgo.2023.101641

Mac Eochagain, C., Senac, N.M.G., Cavanagh, M. and 9 more (incl. Mac Eochagain, C.) (2023).Digital health in geriatric oncology: A Young International Society of Geriatric Oncology review. *Journal of Geriatric Oncology*,14(8). DOI: 10.1016/j.jgo.2023.101649

Nugent, K., Quinlan, E., Cleary, S. and 7 more (incl. O’Driscoll, H., Rohan, C., Trousdell, J., Williams, J., Dunne, M., McArdle, O., and Duane, F.K.) (2023).Implementation of 26 Gy in five fractions over 1 week adjuvant radiotherapy for breast cancer: Prospective report of acute skin toxicity and consideration of resource implications. *Breast*,6755-61. DOI: 10.1016/j.breast.2022.12.008

Sherlock, L., Martin, B.R., Behsanger, S. and 1 more (incl. Mok, K.H.) (2023).Application of novel AI-based algorithms to biobank data: uncovering of new features and linear relationships. *Frontiers in Medicine*,10. DOI: 10.3389/fmed.2023.1162808

Logan, J.M., Hopkins, A.M., Martini, C., Sorvina, A., Tewari, P., Prabhakaran, S., Huzzell, C., Johnson, I.R., Hickey, S.M., Ung, B.S.Y. and Lazniewska, J., 2023. Prediction of prostate cancer biochemical and clinical recurrence is improved by IHC-assisted grading using Appl1, Sortilin and Syndecan-1. *Cancers*, 15(12), p.3215.

Rudebeck, E.E., Ashton, T.D., Henwood, A.F. and 2 more (incl. Henwood, A.F., and Gunnlaugsson, T.) (2023).Synthesis of 3,4-dihydroxy-1,8-naphthalimides with inbuilt catechol and crown ether functionalities. *Organic and Biomolecular Chemistry*,21(29) 5970-5976. DOI: 10.1039/d3ob00737e

Arbour, C.A., Fay, E.M., McGouran, J.F. and Imperiali, B. (2023).Deploying solid-phase synthesis to access thymine-containing nucleoside analogs that inhibit DNA repair nuclease SNM1A. *Organic and Biomolecular Chemistry*,21(28) 5873-5879. DOI: 10.1039/d3ob00836c

McNamee, N., Catalano, M., Mukhopadhyaya, A. and O'Driscoll, L. (2023).An extensive study of potential inhibitors of extracellular vesicles release in triple-negative breast cancer. *BMC Cancer*,23(1). DOI: 10.1186/s12885-023-11160-2

Schuring, N., Jezerskyte, E., van Berge Henegouwen, M.I. and 47 more (incl. Lagergren, P., Johar, A., and Markar, S.R.) (2023).Influence of postoperative complications following esophagectomy for cancer on quality of life: A European multicenter study. *European Journal of Surgical Oncology*,49(1) 97-105. DOI: 10.1016/j.ejso.2022.07.020

Woods, R.S.R., Fitzgerald, C.W.R., Valero, C. and 10 more (incl. Fitzgerald, C.W.R.) (2023).Surgical management of T1/T2 node-negative papillary thyroid cancer with tall cell histology: Is lobectomy enough?. *Surgery (United States)*,173(1) 246-251. DOI: 10.1016/j.surg.2022.05.045

Schuring, N., Donlon, N.E., Hagens, E.R.C. and 5 more (incl. Reynolds, J.V.) (2023).External validation of a nomogram predicting conditional survival after tri-modality treatment of esophageal cancer. *Surgery (United States)*,174(6) 1363-1370. DOI: 10.1016/j.surg.2023.08.013

Ffrench, B., Kashdan, E., Huang, Y. and 19 more (incl. Spillane, C.D., O'Brien, C., Martin, C., Gallagher, M., Brooks, D.A., Gleeson, N., AbuSaadeh, F., O'Riain, C., Kamran, W., Flavin, R., O'Toole, S.A., and O'Leary, J.J.) (2023).CTC-5: A novel digital pathology approach to characterise circulating tumour cell biodiversity. *Heliyon*,9(1). DOI: 10.1016/j.heliyon.2023.e13044

Boland, V., Drury, A., Brady, A.-M. (2023).Content comparison of unmet needs self-report measures for lymphoma cancer survivors: A systematic review. *PloS one*,18(12). DOI: 10.1371/journal.pone.0290729

Reynolds, S.A., O'Connor, L., McGee, A. and 5 more (incl. Kilycoyne, A.Q., Connolly, A., Mockler, D., Guinan, E., O'Neill, L.) (2023).Recruitment rates and strategies in exercise trials in cancer survivorship: a systematic review. *Journal of Cancer Survivorship*. DOI: 10.1007/s11764-023-01363-8

Carey, N., Leahy, J., Trela-Larsen, L. and 2 more (incl. McCullagh, L., and Barry, M.) (2023).Cost-utility and value of information analysis of tisagenlecleucel for relapsed/refractory diffuse large B-cell lymphoma in the Irish healthcare setting. *Journal of Market Access and Health Policy*,11(1). DOI: 10.1080/20016689.2023.2166375

Hallick, J., Baird, A.-M., Falchook, G. and 8 more (incl. Baird, A.-M.) (2023).Plain language summary of the development of tepotinib: a treatment for a subtype of non-small cell lung cancer called MET exon 14 skipping. *Future Oncology*,19(10) 683-696. DOI: 10.2217/fon-2022-1035

Langabeer, S.E., 2023. Noncanonical CALR variants. *American Journal of Clinical Pathology*, p.aqad170.

Fay, E.M., Newton, A., Berney, M. and 3 more (incl. McGouran, J.F.) (2023).Two-Step Validation Approach for Tools To Study the DNA Repair Enzyme SNM1A. *ChemBioChem*,24(13). DOI: 10.1002/cbic.202200756

Donlon, N.E., Davern, M., Sheppard, A. and 13 more (incl. O'Connell, F., Moran, B., Nugent, T.S., Heeran, A., Phelan, J.J., Bhardwaj, A., Butler, C., Ravi, N., Donohoe, C.L., Lynam-Lennon, N., Maher, S., Reynolds, J.V., and Lysaght, J.) (2023). Potential of damage associated molecular patterns in synergising radiation and the immune response in oesophageal cancer. *World Journal of Gastrointestinal Oncology*,15(8) 1349-1365. DOI: 10.4251/wjgo.v15.i8.1349

Walls, G.M., O'Connor, J., Harbinson, M. and 12 more (incl. Duane, F.) (2023). The Association of Incidental Radiation Dose to the Heart Base with Overall Survival and Cardiac Events after Curative-intent Radiotherapy for Non-small Cell Lung Cancer: Results from the NI-HEART Study. *Clinical Oncology*. DOI: 10.1016/j.clon.2023.11.029

Allen, M.J., Zhang, A., Bavi, P. and 15 more (incl. O'Kane, G.M.) (2023). Molecular characterisation of pancreatic ductal adenocarcinoma with NTRK fusions and review of the literature. *Journal of Clinical Pathology*,76(3) 158-165. DOI: 10.1136/jclinpath-2021-207781

Houlihan, E., Ryan, K., Mannion, J. and 4 more (incl. Hennessy, G., Dunne, B., Connolly, E., and O'Connell, B.) (2023). Idiopathic granulomatous mastitis: A 5-year retrospective review of cases in a tertiary centre in Dublin, Ireland. *Journal of Clinical Pathology*. DOI: 10.1136/jcp-2023-209028

Houlihan, O.A., Ntentas, G., Cutter, D.J. and 4 more (incl. Daly, P., Gillham, C., McArdle, O., and Duane, F.) (2023). Predicted cardiac and second cancer risks for patients undergoing VMAT for mediastinal Hodgkin lymphoma. *Clinical and Translational Oncology*,25(5) 1368-1377. DOI: 10.1007/s12094-022-03034-z

King, E., Algeo, N., Connolly, D. (2023). Feasibility of OptiMaL, a Self-Management Programme for Oesophageal Cancer Survivors. *Cancer Control*,30. DOI: 10.1177/10732748231185002

Devenney, K., Murphy, N., Ryan, R. and 7 more (incl. Grant, C., Kennedy, M.J., Manecksha, R.P., Sheils, O., Hussey, J., and Sheill, G.) (2023). Implementing a physiotherapy led cancer exercise programme in a National Cancer Centre: the FIXCAS study. *Physiotherapy (United Kingdom)*,12027-35. DOI: 10.1016/j.physio.2023.02.004

Wiehe, A., Senge, M.O. (2023). The Photosensitizer Temoporfin (mTHPC) – Chemical, Pre-clinical and Clinical Developments in the Last Decade†‡. *Photochemistry and Photobiology*,99(2) 356-419. DOI: 10.1111/php.13730

Reynolds, J.V., Donlon, N.E., Elliott, J.A. and 12 more (incl. Moran, B., Temperley, H., Nugent, T.S., Davern, M., King, S., Conroy, M., Lysaght, J., Ravi, N., Ryan, C., Finn, S., Norris, S., and Donohoe, C.L.) (2023). Incidence and Impact of Non-alcoholic Fatty Liver Disease (NAFLD) in Patients with Adenocarcinoma of the Esophagus Treated with Curative Intent. *World Journal of Surgery*,47(1) 227-235. DOI: 10.1007/s00268-022-06781-w

Duggan, E., Knight, S.P., Romero-Ortuno, R. (2023). Relationship between sarcopenia and orthostatic blood pressure recovery in older falls clinic attendees. *European Geriatric Medicine*,14(3) 439-446. DOI: 10.1007/s41999-023-00775-0

Donohoe, C., Charisiadis, A., Maguire, S. and 4 more (incl. Twamley, B., and Senge, M.O.) (2023). Strapped Porphyrins as Model Systems for Atropisomeric Photosensitizer Drugs. *European Journal of Organic Chemistry*, 26(15). DOI: 10.1002/ejoc.202201453

O'Neill, R.J., Hintze, J., Sharifah, A. and 12 more (incl. Timon, C., and Lennon, P.) (2023). Non-conventional laryngeal malignancies: a multicentre review of management and outcomes. *European Archives of Oto-Rhino-Laryngology*, 280(7) 3383-3392. DOI: 10.1007/s00405-023-07937-7

O'Donoghue, A., Barrett, M., Dhuibhir, P.U. and 3 more (incl. O'Leary, N.) (2023). Taste and smell abnormalities in advanced cancer: Negative impact on subjective food intake. *Nutrition in Clinical Practice*, 38(4) 807-816. DOI: 10.1002/ncp.10943

Patel, C., Pasciolla, M., Abramova, R. and 14 more (incl. Orfali, N.) (2023). Pre-Hematopoietic Stem Cell Transplantation Rituximab for Epstein-Barr Virus and Post-Lymphoproliferative Disorder Prophylaxis in Alemtuzumab Recipients. *Transplantation and Cellular Therapy*, 29(2) 132-132.e5. DOI: 10.1016/j.jtct.2022.10.023

Langabeer, S.E. and Burke, Á., 2023. Persisting with persistent thrombocytosis. *International Journal of Laboratory Hematology*.

Digby, B., Finn, S.P. and Ó Broin, P., 2023. nf-core/circrna: a portable workflow for the quantification, miRNA target prediction and differential expression analysis of circular RNAs. *BMC bioinformatics*, 24(1), p.27.

McInerney, N.J., Timon, F., O'Keeffe, N. and 2 more (incl. Timon, C.) (2023). Intra-oral Parotid Duct Exploration and Ductoplasty for Large Parotid Duct Stones: How We Do It. *Laryngoscope*. DOI: 10.1002/lary.31090

Iivanainen, S., Baird, A.-M., Balas, B. and 8 more (incl. Baird, A.-M.) (2023). Assessing the impact of digital patient monitoring on health outcomes and healthcare resource usage in addition to the feasibility of its combination with at-home treatment, in participants receiving systemic anticancer treatment in clinical practice: Protocol for an interventional, open-label, multicountry platform study (ORIGAMA). *BMJ Open*, 13(4). DOI: 10.1136/bmjopen-2022-063242

Davey, M.G., Ryan, O.K., Ryan, É.J. and 5 more (incl. Donlon, N.E.) (2023). The Impact of Bariatric Surgery on the Incidence of Colorectal Cancer in Patients with Obesity—a Systematic Review and Meta-analysis of Registry Data. *Obesity Surgery*, 33(8) 2293-2302. DOI: 10.1007/s11695-023-06674-4

Thibodeaux, S.R., Coble, D., Day, V. and 8 more (incl. Gardiner, N.) (2023). Assessing deviations for HPCs obtained during COVID-19 (ADHOC): Evaluating impact of the COVID-19 pandemic on cellular therapy products and processes, the BEST collaborative study. *Transfusion*, 63(4) 782-790. DOI: 10.1111/trf.17311

Darragh, I.A.J., Martinez-Pacheco, S., O'Driscoll, L. and Egan, B. (2023). Functional assays reflective of cancer hallmarks in BT-549 cells are not impacted by media supplemented with exercise-trained plasma. *Experimental Physiology*. DOI: 10.1113/EP091383

Deane, C., Walker, C., Ryan, B. and 4 more (incl. McNamara, D.) (2023).High diagnostic yield despite a lower completion rates for inpatient versus outpatient colon and pan-intestinal capsule endoscopy: a nested case-control study. *BMC Gastroenterology*,23(1). DOI: 10.1186/s12876-022-02561-x

Temperley, H.C., Davey, M.G., O'Sullivan, N.J. and 4 more (incl. Donlon, N.E., Kavanagh, M., Reynolds, J.V., and Donohoe, C.L.) (2023).What works best in hiatus hernia repair, sutures alone, absorbable mesh or non-absorbable mesh? A systematic review and network meta-analysis of randomized clinical trials. *Diseases of the Esophagus*,36(7). DOI: 10.1093/dote/doac101

Kamaludin, A., Donlon, N.E., Kavanagh, M. and 2 more (incl. Reynolds, J.V. and Donohoe, C.L.) (2023).Single-center experience in implementation of endoscopic surveillance protocol after esophagectomy. *Diseases of the Esophagus*,36(3). DOI: 10.1093/dote/doac064

Fitzpatrick, P., Bhardwaj, N., Masalkhi, M. and 9 more (incl. Brennan, S.) (2023).Provision of smoking cessation support for patients following a diagnosis of cancer in Ireland. *Preventive Medicine Reports*,32. DOI: 10.1016/j.pmedr.2023.102158

Davey, M.G., Amir, A.H., Ryan, O.K. and 7 more (incl. Donlon, N.E.) (2023).Evaluating the oncological safety of neoadjuvant chemotherapy in locally advanced colon carcinoma: a systematic review and meta-analysis of randomised clinical trials and propensity-matched studies. *International Journal of Colorectal Disease*,38(1). DOI: 10.1007/s00384-023-04482-x

Singh, K., Liptrot, S., Tou, S. and 5 more (incl. Mehigan, B., McCormick, P., Ravi, N., and Reynolds, J.) (2023).A multicentre study assessing the role of routine colonoscopy after acute uncomplicated diverticulitis and the incidence of colorectal cancer diagnosis. *International Journal of Colorectal Disease*,38(1). DOI: 10.1007/s00384-023-04374-0

Forde, E., Josipovic, M., Kamphuis, M. and 6 more (incl. Forde, E.) (2024).What does "Advanced" mean in 2023? reflecting on 10 years of the ESTRO advanced Skills in modern radiotherapy course. *Technical Innovations and Patient Support in Radiation Oncology*,29. DOI: 10.1016/j.tipsro.2023.100227

Langabeer, S.E., 2023. Dual Drivers in the Myeloproliferative Neoplasms: An Underestimation?. *Technology in Cancer Research & Treatment*, 22, p.15330338231179561.

Hintze, J.M., Fitzgerald, C.W.R., Lang, B. and 4 more (incl. Hannigan, A., Kinsella, J., Lennon, P., and Timon, C.) (2023).Rate of occult neck nodal metastasis in primary and salvage laryngectomy. *Clinical Otolaryngology*,48(3) 470-473. DOI: 10.1111/coa.14032

Minneci, M., Misevicius, M., Rozas, I. (2023).Green synthesis of nitroaryl thioureas: Towards an improved preparation of guanidinium DNA binders. *Bioorganic and Medicinal Chemistry Letters*,90. DOI: 10.1016/j.bmcl.2023.129346

McLoughlin, E.C., Twamley, B., O'Brien, J.E. and 4 more (incl. Hannon Barroeta, P., Zisterer, D.M., Meegan, M.J., and O'Boyle, N.M.) (2023). Synthesis by diastereomeric resolution, biochemical evaluation and molecular modelling of chiral 3-hydroxyl b-lactam microtubule-targeting agents for the treatment of triple negative breast and chemoresistant colorectal cancers. *Bioorganic Chemistry*, 141. DOI: 10.1016/j.bioorg.2023.106877

Grimes, T.C., Guinan, E.M. (2023). Interprofessional education focused on medication safety: a systematic review. *Journal of Interprofessional Care*, 37(1) 131-149. DOI: 10.1080/13561820.2021.2015301

Sinclair, D., Savage, E., Carberry, C., Flaherty, S., Flood, B., Han, S., Conlon Heaney, C., Hussey, P., Larkin, L., Mullaney, C. and O'Brien, M., and Connolly, D. (2023). Developing a standardized national undergraduate curriculum for future healthcare professionals on self-management support for chronic conditions. *Journal of Interprofessional Care*, 37(1), pp.156-159. DOI: 10.1080/13561820.2021.2020225

Khan, S.I., O'Sullivan, N.J., Temperley, H.C. and 6 more (incl. Mehigan, B.J., McCormick, P., Larkin, J.O., and Kelly, M.E) (2023). Gastrointestinal Stromal Tumours (GIST) of the Rectum: A Systematic Review and Meta-Analysis. *Current Oncology*, 30(1) 416-429. DOI: 10.3390/curroncol30010034

Cleere, E.F., Crotty, T.J., Hintze, J.M. and 7 more (incl. Fitzgerald, C.W.R., Kinsella, J., Lennon, P., Timon, C.V.I., and O'Neill, J.P.) (2023). The role of surgery for anaplastic thyroid carcinoma in the era of targeted therapeutics: A scoping review. *Laryngoscope Investigative Otolaryngology*. DOI: 10.1002/lio2.1172

Hintze, J.M., O'Riordan, I., Jones, H. and 8 more (incl. Timon, C., Kinsella, J., and Lennon, P.) (2023). Pattern of nodal metastasis of cutaneous squamous cell carcinoma involving the temporal bone. *Laryngoscope Investigative Otolaryngology*, 8(1) 120-124. DOI: 10.1002/lio2.981

Aylward, C., Noori, J., Tyrrell, J. and 6 more (incl. Larkin, J.O., Mehigan, B.J., McCormick, P.H., and Kelly, M.E.) (2023). Survival outcomes after synchronous para-aortic lymph node metastasis in colorectal cancer: A systematic review. *Journal of Surgical Oncology*, 127(4) 645-656. DOI: 10.1002/jso.27139

McLean, T., Fitzgerald, C., Eagan, A. and 7 more (incl. Fitzgerald, C.) (2023). Understanding frozen section histopathology in Sinonasal and anterior skull base malignancy and proposed reporting guidelines. *Journal of Surgical Oncology*, 128(8) 1243-1250. DOI: 10.1002/jso.27429

Shraim, R., Farran, M.Z., He, G. and 3 more (incl. Zgaga, L., and McManus, R.) (2023). Systematic review on gene-sun exposure interactions in skin cancer. *Molecular Genetics and Genomic Medicine*, 11(10). DOI: 10.1002/mgg3.2259

McVeigh, T.P., Sweeney, K.J., Brennan, D.J. and 34 more (incl. Al-Azawi, D., Berkeley, E., Boyle, T.J., Connolly, E.M., Nolan, C., Richardson, E., and Gallagher, D.J.) (2023). A pilot study investigating feasibility of mainstreaming germline BRCA1 and BRCA2 testing in high-risk patients with breast and/or ovarian cancer in three tertiary Cancer Centres in Ireland. *Familial Cancer*, 22(2) 135-149. DOI: 10.1007/s10689-022-00313-0

Leech, M., Leijenaar, R.T.H., Hompland, T. and 3 more (incl. Gaffney, J., and Marignol, L.) (2023).Exploring Hypoxia in Prostate Cancer With T2-weighted Magnetic Resonance Imaging Radiomics and Pimonidazole Scoring. *Anticancer Research*,43(1) 351-357. DOI: 10.21873/anticancer.16170

O'Grady, I., O'Sullivan, J. (2023).Alcohol consumption modulates Candida albicans-induced oral carcinogenesis and progression. *Journal of Oral Biosciences*,65(4) 293-304. DOI: 10.1016/j.job.2023.10.002

Murphy, M., Bennett, K., Wright, M. and 5 more (incl. Cadogan, C.A.) (2023).Potentially inappropriate prescribing in older adults with cancer receiving specialist palliative care: a retrospective observational study. *International Journal of Clinical Pharmacy*,45(1) 174-183. DOI: 10.1007/s11096-022-01506-4

Paudyal, V., Okuyan, B., Henman, M.C. and 9 more (incl. Cadogan, C.A.) (2023).Scope, content and quality of clinical pharmacy practice guidelines: a systematic review. *International Journal of Clinical Pharmacy*. DOI: 10.1007/s11096-023-01658-x

Weidmann, A.E., Cadogan, C.A., Fialová, D. and 6 more (incl. Henman, M.) (2023).How to write a successful grant application: guidance provided by the European Society of Clinical Pharmacy. *International Journal of Clinical Pharmacy*,45(3) 781-786. DOI: 10.1007/s11096-023-01543-7

Langabeer, S.E., 2023. Monoclonal gammopathy and myeloproliferative neoplasm molecular diagnostics. *Hematology, Transfusion and Cell Therapy*, pp.S2531-1379.

Langabeer, S.E., Jones, A., Conneally, E. and 5 more (incl. Murphy, P.) (2023).Frequency and driver mutation diversity of concomitant chronic myeloid leukemia and Philadelphia chromosome-negative myeloproliferative neoplasm. *International Journal of Hematology*,117(6) 941-942. DOI: 10.1007/s12185-023-03611-0

Marshall, C., Thirion, P., Mihai, A., Armstrong, J.G., Cournane, S., Hickey, D., McClean, B. and Quinn, J., 2023. Interobserver Variability of Gross Tumor Volume Delineation for Colorectal Liver Metastases Using Computed Tomography and Magnetic Resonance Imaging. *Advances in Radiation Oncology*, 8(1), p.101020. DOI: 10.1016/j.adro.2022.101020

O'Brien, K.K., Ibáñez-Carrasco, F., Solomon, P. and 27 more (incl. Bergin, C.) (2023).Short-Form HIV Disability Questionnaire Sensibility, Utility, and Implementation Considerations in Community-Based Settings: A Mixed Methods Study. *Journal of the International Association of Providers of AIDS Care*,22. DOI: 10.1177/23259582231210801

Fay, E.M., McGouran, J.F. (2023).Exploring the binding pockets of the DNA damage repair enzyme SNM1A through nucleobase modification. *Results in Chemistry*,5. DOI: 10.1016/j.rechem.2023.100939

Maier, J., Kandulski, A., Donlon, N.E. and 7 more (incl. Donlon, N.E.) (2023).Endoscopic vacuum therapy significantly improves clinical outcomes of anastomotic leakages after 2-stage, 3-stage, and transhiatal esophagectomies. *Langenbeck's Archives of Surgery*,408(1). DOI: 10.1007/s00423-023-02826-3

Davey, M.G., Ryan, É.J., Donlon, N.E. and 5 more (incl. Donlon, N.E.) (2023).Comparing surgical outcomes of approaches to adrenalectomy — a systematic review and network meta-analysis of randomised clinical trials. *Langenbeck's Archives of Surgery*,408(1). DOI: 10.1007/s00423-023-02911-7

Kinchin, I., Walshe, V., Normand, C. and 8 more (incl. O'Mahony, J.F.) (2023).Expanding health technology assessment towards broader value: Ireland as a case study. *International Journal of Technology Assessment in Health Care*,39(1). DOI: 10.1017/S0266462323000235

Hintze, J., Lang, B., Subramaniam, T. and 4 more (incl. Kruseman, N., O'Regan, E., Brennan, S., and Lennon, P.) (2023).Factors influencing nodal yield in neck dissections for head and neck malignancies. *Journal of Laryngology and Otology*,137(8) 925-929. DOI: 10.1017/S0022215122002687

Drury, A., Goss, J., Afolabi, J. and 3 more (incl. Brady, A.-M.) (2023).A Mixed Methods Evaluation of a Pilot Multidisciplinary Breathlessness Support Service. *Evaluation Review*,47(5) 820-870. DOI: 10.1177/0193841X231162402

O'Brien, A., Brennan, L., O'Neill, L. and 4 more (incl. Connolly, D., Guinan, E., Reynolds, J.V., and Hussey, J.) (2023).Patient Experiences of a Telehealth Multidisciplinary Cancer Rehabilitation Programme: Qualitative Findings from the ReStOre@Home Feasibility Study. *European Journal of Cancer Care*,2023. DOI: 10.1155/2023/7998022

Fitzpatrick, O.M., O'Kane, G.M. (2023).Determinants of gemcitabine response in pancreatic cancer: are we there?. *Journal of Gastrointestinal Oncology*,14(5) 2290-2292. DOI: 10.21037/jgo-2023-04

Holzapfel, N., Zhang, A., Choi, W.-J. and 11 more (incl. O'Kane, G.M.) (2023).Whole-genome sequencing of 20 cholangiocarcinoma cases reveals unique profiles in patients with cirrhosis and primary sclerosing cholangitis. *Journal of Gastrointestinal Oncology*,14(1) 379-389. DOI: 10.21037/jgo-22-676

Low, E.Z., O'Sullivan, N.J., Sharma, V. and 6 more (incl. Sebastian, I., Meagher, R., Alomairi, D., Alhouti, E.H., Donohoe, C.L., and Kelly, M.E.) (2023).Assessing medical students' perception and educational experience during COVID-19 pandemic. *Irish Journal of Medical Science*,192(3) 1015-1020. DOI: 10.1007/s11845-022-03118-3

Kieran, R., Moloney, C., Alken, S. and 10 more (incl. Corrigan, L., Gallagher, D., Grant, C., Kelleher, F., Kennedy, M.J., Lowery, M.A., McCarthy, M., O'Donnell, D.M., Sukor, S., and Cuffe, S.) (2023).Patient knowledge, personal experience, and impact of the first wave of the COVID-19 pandemic in an Irish oncology cohort. *Irish Journal of Medical Science*,192(2) 533-540. DOI: 10.1007/s11845-022-02999-8

Keane, F., Greally, M., Horgan, A. and 9 more (incl. Lowey, M.) (2023).Consensus statement on the surveillance of patients with gastrointestinal malignancies. *Irish Journal of Medical Science*,192(2) 575-589. DOI: 10.1007/s11845-022-02987-y

Kieran, R., Murphy, C., Maher, E. and 3 more (incl. Buchalter, J., Sukor, S., and Alken, S.) (2023). A permanent legacy of the pandemic? Outcomes of and staff views on the introduction of virtual clinics to an Irish oncology service. *Irish Journal of Medical Science*, 192(1) 33-40. DOI: 10.1007/s11845-021-02892-w

Temperley, H.C., Gaule, R., Murray, C. and 8 more (incl. Carey, J., Fanning, M., Bolger, J.C., Ravi, N., Reynolds, J.V., and Donohoe, C.L.) (2023). Vitamin B12 supplementation post-gastrectomy: a service closed-loop audit at St. James's Hospital, Dublin. *Irish Journal of Medical Science*, 192(3) 1051-1057. DOI: 10.1007/s11845-022-03124-5

O'Reilly, D.E., Dooley, L., Watson, G.A. and 9 more (incl. Clarke, R., Nolan, A., Nolan, C., Berkeley, E., and Gallagher, D.) (2023). Uptake of BRCA1/BRCA2 predictive genetic testing in an Irish population is low: a missed opportunity. *Irish Journal of Medical Science*, 192(4) 1607-1611. DOI: 10.1007/s11845-022-03176-7

Sheill, G., Hennessy, M., Devenney, K. and 4 more (incl. Reynolds, S., Towns, J., Gill, M., and Guinan, E.) (2023). A hospital to community exercise referral pathway: results of a pilot project. *Irish Journal of Medical Science*, 192(5) 2051-2058. DOI: 10.1007/s11845-022-03257-7

O'Leary, C., Cleary, S., Linane, H. and 6 more (incl. Lavan, N.) (2023). Palliative radiotherapy and the introduction of a Rapid Access Palliative Clinic in a national radiation oncology network. *Irish Journal of Medical Science*. DOI: 10.1007/s11845-023-03494-4

Shokuhi, P., O'Sullivan, N.J., Temperley, H.C. and 9 more (incl. Russell, T., McEntee, P.D., Mehigan, B.J., McCormick, P.H., Gallagher, D., Gilham, C., Kennedy, J., Kelly, M.E., and Larkin, J.O.) (2023). Prognostic value of pre-operative mean corpuscular volume (MCV) in colorectal cancer. *Irish Journal of Medical Science*. DOI: 10.1007/s11845-023-03571-8

Baird, A.-M., Westphalen, C., Blum, S. and 7 more (incl. Baird, A.-M.) (2023). How can we deliver on the promise of precision medicine in oncology and beyond? A practical roadmap for action. *Health Science Reports*, 6(6). DOI: 10.1002/hsr2.1349

Murnane, C., Gardiner, N., Crehan, O., Bacon, C.L., McHugh, R., Gilmer, J.F., Mantalaris, A. and Panoskaltsis, N., 2024. Chimeric Antigen Receptor-T (CAR-T) Cells as "Living Drugs": A Clinical Pharmacist Perspective. *Journal of Clinical Pharmacy and Therapeutics*, 2024.

Wedd, L., Gleeson, M., Meiser, B. and 11 more (incl. O'Shea, R.) (2023). Exploring the impact of the reclassification of a hereditary cancer syndrome gene variant: emerging themes from a qualitative study. *Journal of Community Genetics*, 14(3) 307-317. DOI: 10.1007/s12687-023-00644-0

Langabeer, S.E., 2023. The JAK2 V617F mutation and childhood type1 diabetic nephropathy?. *Biomedical Chromatography: BMC*, pp.e5786-e5786.

Langabeer, S.E., 2023. Strange bedfellows: NPM1 mutations in acute promyelocytic leukemia. *Hematology/oncology and stem cell therapy*, 16(1), p.11.

Christodoulides, N., Fitzmaurice, G.J., Bukowska, I., O'Rhailaigh, E., Toale, C., Griffin, M. and Redmond, K.C., (2023) Post-pneumonectomy syndrome: a systematic review of the current evidence and treatment options. *Journal of Cardiothoracic Surgery*, 18(1), pp.1-12. DOI: 10.1186/s13019-023-02278-2

Lawler, M., Sullivan, R., Abou-Alfa, G.K. and 16 more (incl. Ladner, R.) (2023).Health diplomacy in action: The cancer legacy of the Good Friday Agreement. *Journal of Cancer Policy*,38. DOI: 10.1016/j.jcpo.2023.100448

McDonnell, S., Breslin, T., Mascan, B. and 8 more (incl. Shahrudin, N.S., Elnour, M., Fanning, M., Galvin, A., Moore, J., Ravi, N., Reynolds, J.V., and Donohoe, C.L.) (2023).Translating evidence in a priority setting partnership: knowledge gaps between healthcare providers and oesophageal cancer patients. *Supportive Care in Cancer*,31(2). DOI: 10.1007/s00520-022-07523-3

Keating, R., Curry, S., Hussey, J. (2023).Cardiorespiratory fitness and health-related quality of life in survivors of childhood central nervous system tumours. *Supportive Care in Cancer*,31(7). DOI: 10.1007/s00520-023-07854-9

Sheill, G., Brady, L., Hayes, B. and 25 more (incl. Baird, A.-M., Guinan, E., Vishwakarma, R., Brophy, C., Greene, J., Hussey, J., Cunningham, M., Lynch, T., Manecksha, R.P., O'Donnell, D., Sheils, O., O'Leary, J., McDermott, R., and Finn, S.) (2023).ExPeCT: a randomised trial examining the impact of exercise on quality of life in men with metastatic prostate cancer. *Supportive Care in Cancer*,31(5). DOI: 10.1007/s00520-023-07740-4

Morales-Valdivia, E., Camacho-Bejarano, R., Brady, A.M. and 1 more (incl. Brady, A.-M.) (2023).Evaluation of consent forms for clinical practice in Spanish Public Hospitals. *Journal of Healthcare Quality Research*,38(2) 84-92. DOI: 10.1016/j.jhqr.2022.08.006

Mulligan, M., Flavin, R., Beausang, A. (2023).Primary CNS EBV-positive posttransplant lymphoproliferative disorder with polymorphic and classic Hodgkin lymphoma features: A case report and literature review. *Clinical Neuropathology*,42(4) 161-167. DOI: 10.5414/NP301526

Temperley, H.C., Phoenix, E., Waters, C. and 5 more (incl. Fanning, M., Donlon, N.E., Reynolds, J.V., and Donohoe, C.L.) (2023).Management Experiences of Post-Gastrectomy Severe Alkaline Reflux Esophagitis. *American Surgeon*,89(11) 5012-5016. DOI: 10.1177/00031348231189831

Temperley, H.C., O'Sullivan, N.J., Waters, C. and 10 more (incl. Corr, A., Mehigan, B.J., O'Kane, G., McCormick, P., Gillham, C., Larkin, J.O., Meaney, J.F., Brennan, I., and Kelly, M.E.) (2023).Radiomics; Contemporary Applications in the Management of Anal Cancer; A Systematic Review. *American Surgeon*. DOI: 10.1177/00031348231216494

Donlon, N.E., McCormack, O. (2023).Benign surgical diseases of the gastro-oesophageal junction. *Surgery (United Kingdom)*,41(11) 708-714. DOI: 10.1016/j.mpsur.2023.09.001

Galvin, S., Moran, G.P., Healy, C.M. (2023).Influence of site and smoking on malignant transformation in the oral cavity: Is the microbiome the missing link?. *Frontiers in Oral Health*,4. DOI: 10.3389/froh.2023.1166037

Langabeer, S.E., Macleod, S., Bhreathnach, Ú. and Fadalla, K., 2023. Imatinib Resistance in Chronic Myeloid Leukemia Associated with a D363G BCR:: ABL1 Kinase Domain Mutation. *Case Reports in Hematology*, 2023.

Alsobaie, S., Alsobaie, T., Alshammary, A.F. and 2 more (incl. Mantalaris, A.) (2023).Alginate Beads as a Promising Tool for Successful Production of Viable and Pluripotent Human-Induced Pluripotent Stem Cells in a 3D Culture System. *Stem Cells and Cloning: Advances and Applications*,1661-73. DOI: 10.2147/SCCAA.S409139

Behl, I., Calado, G., Malkin, A. and 5 more (incl. Flint, S., Galvin, S., and Healy, C.M.) (2023).Identification of precancer oral lesions using minimally invasive sampling techniques and Raman microspectroscopy. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*,12373. DOI: 10.1117/12.2654997

Irena Batog, W., Riain, C.Ó., Abu Saadeh, F. (2023).The dilemma of managing thyroid gland after incidental diagnosis of malignant struma Ovarii. Is radical thyroidectomy and radioactive iodine Necessary? A case report and literature review. *Gynecologic Oncology Reports*,47. DOI: 10.1016/j.gore.2023.101189

Movia, D., Prina-Mello, A. (2023).A Method for Culturing 3D Tumoroids of Lung Adenocarcinoma Cells at the Air–Liquid Interface. *Methods in Molecular Biology*,2645173-178. DOI: 10.1007/978-1-0716-3056-3_9

Tutty, M.A., Holmes, S., Prina-Mello, A. (2023).Cancer Cell Culture: The Basics and Two-Dimensional Cultures. *Methods in Molecular Biology*,26453-40. DOI: 10.1007/978-1-0716-3056-3_1

Tutty, M.A., Prina-Mello, A. (2023).Three-Dimensional Spheroids for Cancer Research. *Methods in Molecular Biology*,264565-103. DOI: 10.1007/978-1-0716-3056-3_3

Munn, L.L., Bazou, D. (2023).A Self-Assembly Method for Creating Vascularized Tumor Explants Using Biomaterials for 3D Culture. *Methods in Molecular Biology*,2645211-220. DOI: 10.1007/978-1-0716-3056-3_12

Marignol, L. (2023).Generation of Radioresistant Prostate Cancer Cells. *Methods in Molecular Biology*,2645129-138. DOI: 10.1007/978-1-0716-3056-3_5

Tutty, M.A., Prina-Mello, A. (2023).A Method for the In Vitro Cytotoxicity Assessment of Anti-cancer Compounds and Materials Using High Content Screening Analysis. *Methods in Molecular Biology*,2645241-249. DOI: 10.1007/978-1-0716-3056-3_15

Brophy, S., Amet, R., Foy-Stones, H. and 2 more (incl. Gardiner, N., and McElligott, A.M.) (2023).Isolation and Cryopreservation of Mononuclear Cells from Peripheral Blood and Bone Marrow of Blood Cancer Patients. *Methods in Molecular Biology*,2645179-187. DOI: 10.1007/978-1-0716-3056-3_10

Mylod, E., Lysaght, J., Conroy, M.J. (2023).Measuring Immune Cell Movement Toward the Soluble Microenvironment of Human Tissues Using a Boyden Chamber-Based Migration Assay. *Methods in Molecular Biology*,2645231-240. DOI: 10.1007/978-1-0716-3056-3_14

Dowling, P., Bazou, D. (2023).Identification of Ubiquitination-Associated Proteins Using 2D-DIGE. *Methods in Molecular Biology*,259683-96. DOI: 10.1007/978-1-0716-2831-7_6

Cannon, A., Maher, S.G., Lynam-Lennon, N. (2023).Generation and Characterization of an Isogenic Cell Line Model of Radioresistant Esophageal Adenocarcinoma. *Methods in Molecular Biology*,2645139-152. DOI: 10.1007/978-1-0716-3056-3_6

Dunphy, K., Bazou, D., Dowling, P. (2023).Analysis of Cancer Cell Line Secretomes: A Complementary Source of Disease-Specific Protein Biomarkers. *Methods in Molecular Biology*,2645277-287. DOI: 10.1007/978-1-0716-3056-3_18

Movia, D., Prina-Mello, A. (2023).Preface. *Methods in Molecular Biology*,2645. DOI: N/A

Hannon, G., Prina-Mello, A. (2023).Testing the Effects of Magnetic Hyperthermia in 2D Cell Culture. *Methods in Molecular Biology*,2645251-261. DOI: 10.1007/978-1-0716-3056-3_16

Oscanoa, T.J., Vidal, X., Luque, J. and 2 more (incl. Romero-Ortuno, R.) (2023).Hepatotoxicity induced by isoniazid in patients with latent tuberculosis infection: a meta-analysis. *Gastroenterology and Hepatology from Bed to Bench*,16(1) 14-23. DOI: 10.22037/ghfbb.v16i1.2685

Eochagain, C.M., Ronan, K., Flynn, C. and 3 more (incl. Togher, Z., Buchalter, J., and Lowery, M.A.) (2023).Paraneoplastic syndromes in esophageal cancer-a narrative review. *Annals of Esophagus*,6. DOI: 10.21037/aoe-21-65

Walsh, M., Gillanders, S.L., O'Keeffe, N. and 3 more (incl. Lennon, P., Kinsella, J., and Timon, C.) (2023).Supraclavicular flap reconstruction in head and neck surgery during the SARS-CoV-2 pandemic. *Irish medical journal*,116(9). DOI: N/A

O'Keeffe, N.A., Timon, F., McInerney, N. and 2 more (incl. Timon, C.) (2023).Haematoma following thyroid surgery, reducing the incidence in the face of anticoagulant and antiplatelet use. *Irish medical journal*,116(7). DOI: N/A

Oscanoa, T.J., Amado-Tineo, J., Ayala-García, R. and 11 more (incl. Romero-Ortuno, R.) (2023).Clinical features and mortality predictors of older hospitalized patients with severe COVID-19 in Lima, Peru. *Journal of Gerontology and Geriatrics*,71(2) 37-46. DOI: 10.36150/2499-6564-N470