

Publications

	Publication title	Contact
<b>QuPath</b>		
1	<a href="#">Integrated tumor identification and automated scoring minimizes pathologist involvement and provides new insights to key biomarkers in breast cancer.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen’s University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>  <a href="mailto:j.james@qub.ac.uk">j.james@qub.ac.uk</a>
2	<a href="#">QuPath: Open source software for digital pathology image analysis.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen’s University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>  <a href="mailto:j.james@qub.ac.uk">j.james@qub.ac.uk</a>
3	<a href="#">Evaluation of PTGS2 Expression, PIK3CA Mutation, Aspirin Use and Colon Cancer Survival in a Population-Based Cohort Study.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen’s University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a> <a href="mailto:j.james@qub.ac.uk">j.james@qub.ac.uk</a> 45
4	<a href="#">Statin use, candidate mevalonate pathway biomarkers, and colon cancer survival in a population-based cohort study.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen’s University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>  <a href="mailto:j.james@qub.ac.uk">j.james@qub.ac.uk</a>
<b>Technical validation</b>		
5	<a href="#">RNAscope <i>in situ</i> hybridization confirms mRNA integrity in formalin-fixed, paraffin-embedded cancer tissue samples</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen’s University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>  <a href="mailto:j.james@qub.ac.uk">j.james@qub.ac.uk</a>
<b>Immuno-oncology (Gastrointestinal)</b>		
6	<a href="#">Natural killer - like signature observed post therapy in locally advanced rectal cancer is a determinant of pathological response and improved survival.</a>	Professor Manuel Salto-Tellez, Queen’s University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>

7	<a href="#">Molecular profiling of signet ring cell colorectal cancer provides a strong rationale for genomictargeted and immune checkpoint inhibitor therapies.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen's University Belfast  <a href="mailto:m.salto-tellez@gub.ac.uk">m.salto-tellez@gub.ac.uk</a>  <a href="mailto:j.james@gub.ac.uk">j.james@gub.ac.uk</a>
<b>Immuno-oncology (lung cancer)</b>		
8	<a href="#">Tissue-resident memory features are linked to the magnitude of cytotoxic T cell responses in human lung cancer</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
9	<a href="#">Evaluating the effect of immune cells on the outcome of patients with mesothelioma.</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
10	<a href="#">Automated tumor analysis for molecular profiling in lung cancer.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen's University Belfast  <a href="mailto:m.salto-tellez@gub.ac.uk">m.salto-tellez@gub.ac.uk</a>
<b>Immuno-oncology breast cancer</b>		
11	<a href="#">Activation of STING-Dependent Innate Immune Signaling By S-Phase-Specific DNA Damage in Breast Cancer.</a>	Professor Manuel Salto-Tellez, Queen's University Belfast  <a href="mailto:m.salto-tellez@gub.ac.uk">m.salto-tellez@gub.ac.uk</a>
<b>Immuno-oncology (H&amp;N)</b>		
12	<a href="#">Targeting the Myofibroblastic Cancer-Associated Fibroblast Phenotype Through Inhibition of NOX4</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
13	<a href="#">Human Papillomavirus Drives Tumor Development Throughout the Head and Neck: Improved Prognosis Is Associated With an Immune Response Largely Restricted to the Oropharynx.</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
14	Differences in ERAP1 allotype function correlate with HPV epitope processing, level of tumour infiltration with CD8+ T cells and prognosis in HPV-positive OPSCC. E Reeves, O Wood, CH Ottensmeier, EV King, GJ Thomas, T Elliott, E James (2018). <b>Cancer Immunology Research</b> In Press	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>

15	<a href="#">YAP drives cutaneous squamous cell carcinoma formation and progression.</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
16	<a href="#">Pan-cancer deconvolution of tumour composition using DNA methylation</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
<b>Immuno-oncology (Pancreatic cancer)</b>		
17	<a href="#">Pro-migratory and TGF-<math>\beta</math>-activating functions of <math>\alpha</math>v<math>\beta</math>6 integrin in pancreatic cancer are differentially regulated via an Eps8-dependent GTPase switch.</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>
<b>Digital Pathology &amp; Neurology / Neuro-oncology</b>		
18	<a href="#">A PML/Slit Axis Controls Physiological Cell Migration and Cancer Invasion in the CNS.</a>	Prof Sebastian Brandner, University College London  <a href="mailto:s.brandner@ucl.ac.uk">s.brandner@ucl.ac.uk</a>
19	<a href="#">Inhibition of GPR158 by microRNA-449a suppresses neural lineage of glioma stem/progenitor cells and correlates with higher glioma grades.</a>	Prof Sebastian Brandner, University College London  <a href="mailto:s.brandner@ucl.ac.uk">s.brandner@ucl.ac.uk</a>
20	<a href="#">Tumor Necrosis Factor (TNF) Bioactivity at the Site of an Acute Cell-Mediated Immune Responses Preserved in Rheumatoid Arthritis Patients Responding to Anti-TNF Therapy.</a>	Prof Sebastian Brandner, University College London  <a href="mailto:s.brandner@ucl.ac.uk">s.brandner@ucl.ac.uk</a>
21	<a href="#">Enhanced Energetic State and Protection from Oxidative Stress in Human Myoblasts Overexpressing BMI1.</a>	Prof Sebastian Brandner, University College London  <a href="mailto:s.brandner@ucl.ac.uk">s.brandner@ucl.ac.uk</a>
22	<a href="#">Quantitative in vivo optical tomography of cancer progression &amp; vasculature development in adult zebrafish.</a>	Prof Sebastian Brandner, University College London  <a href="mailto:s.brandner@ucl.ac.uk">s.brandner@ucl.ac.uk</a>
23	<a href="#">Validation of Immune Cell Modules in Multicellular Transcriptomic Data.</a>	Prof Sebastian Brandner, University College London  <a href="mailto:s.brandner@ucl.ac.uk">s.brandner@ucl.ac.uk</a>

<b>Immuno-oncology (prostate cancer)</b>		
24	<a href="#">PTEN mRNA detection by chromogenic, RNA in situ technologies: a reliable alternative to PTEN immunohistochemistry.</a>	Professor Manuel Salto-Tellez or Dr Jackie James, Queen's University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>  <a href="mailto:j.james@qub.ac.uk">j.james@qub.ac.uk</a>
25	<a href="#">A gene signature associated with PTEN activation defines good prognosis in intermediate risk prostate cancer cases.</a>	Professor Manuel Salto-Tellez, Queen's University Belfast  <a href="mailto:m.salto-tellez@qub.ac.uk">m.salto-tellez@qub.ac.uk</a>
<b>Digital Pathology and Immunology (others)</b>		
26	<a href="#">Implications of tuberculosis reactivation after immune checkpoint inhibition.</a>	Prof Gareth Thomas, University of Southampton  <a href="mailto:g.thomas@soton.ac.uk">g.thomas@soton.ac.uk</a>