

Publications

Recent Publications

Lek SM, Li K, Tan QX, Shannon NB, Ng WH, Hendrikson J, Tan JWS, Lim HJ, Chen Y, Koh KKN, Skanthakumar T, Kwang XL, Chong FT, Leong HS, Tay G, Putri NE, Lim TKH, Hwang JSG, Ang MK, Tan DSW, Tan NC, Tan HK, Kon OL, Soo KC, Iyer NG*, Ong C-AJ*

Pairing a prognostic target with potential therapeutic strategy for head and neck cancer.

Oral Oncol 111: 105035 (2020)

* Co-corresponding authors

Qu X, Zhao H, Natalia A, Lim CZJ, Ho NRY, Ong C-AJ, Teo MCC, So JBY, Shao H

Exosome-templated nanoplasmonics for multiparametric molecular profiling.

Sci Adv 6(19): eaba2556 (2020)

Ong C-AJ*, Tan QX*, Lim HJ*, Shannon NB, Lim WK, Hendrikson J, Ng WH, Tan JWS, Koh KKN, Wasudevan SD, Ng CCY, Rajasegaran V, Lim TKH, Ong CK, Kon OL, Teh BT, Tan GC, Chia CS, Soo KC, Teo MCC

An optimised protocol harnessing laser capture microdissection on matched primary and metastatic colorectal tumours.

Sci Rep 10:682 (2020)

* Equal contributions

Wang Z, Sun X, Natalia A, Tang CSL, Ang CBT, Ong C-AJ, Teo MCC, So JBY, Shao H

Dual-selective magnetic analysis of extracellular vesicle glycans.

Matter 2: 1-17 (2020)

Shannon NB, Tan JWS, Tan HL, Wang W, Chen Y, Lim HJ, Tan QX, Hendrikson J, Ng WH, Loo LY, Skanthakumar T, Wasudevan SD, Kon OL, Lim TKH, Tan GHC, Chia CS, Soo KC, Ong C-AJ*, Teo MCC*

A set of molecular markers predicts chemosensitivity to Mitomycin-C following cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for colorectal peritoneal metastasis.

Sci Rep 9:10572 (2019)

* Co-corresponding authors

Lim HJ, Ong C-AJ, Tan JWS, Teo MCC

Utility of Positron Tomography / Computed Tomography (PET/CT) imaging in the evaluation of sarcomas: a systematic review.

Crit Rev Oncol Hemat 143:1-13 (2019)

Noorani A, Bornschein J, Lynch AG, Secrier M, Achilleos A, Eldridge M, Bower L, Weaver JM, Crawte J, Ong C-AJ, Shannon NB, MacRae S, Grehan N, Nutzinger B, O'Donovan M, Hardwick R, Tavaré S, Fitzgerald RC; Oesophageal Cancer Clinical and Molecular Stratification (OCCAMS) Consortium

A comparative analysis of whole genome sequencing of oesophageal adenocarcinoma pre- and post-chemotherapy.

Genome Res 27(6): 902-912 (2017)

Weaver JM, Ross-Innes CS, Shannon NB, Lynch AG, Forshew T, Barbera M, Murtaza M, Ong C-AJ, Lao-Sirieix P, Dunning MJ, Smith L, Smith ML, Anderson CL, Carvalho B, O'Donovan M, Underwood TJ, May AP, Grehan N, Hardwick R, Davies J, Oloumi A, Aparicio S, Caldas C, Eldridge MD, Edwards PAW, Rosenfeld N, Tavaré S, Fitzgerald RC; OCCAMS consortium

Ordering of mutations in preinvasive disease stages of esophageal carcinogenesis.

Nat Genet 46(8): 837-843 (2014)

Ong C-AJ, Shannon NB, Ross-Innes C, O'Donovan M, Rueda O, Hu DE, Kettunen MI, Walker CE, Noorani A, Hardwick RH, Caldas C, Brindle K, Fitzgerald RC

Amplification of TRIM44: pairing a prognostic target with potential therapeutic strategy.

J Natl Cancer Inst 106(5): dju050 (2014)

Paterson AL, Shannon NB, Lao-Sirieix P, Ong C-AJ, Peters CJ, O'Donovan M, Fitzgerald RC

A systematic approach to therapeutic target selection in oesophago-gastric cancer.

Gut 62(10): 1415-1424 (2013)

Ong C-AJ, Shapiro J, Nason K, Davison J, Liu X, Ross-Innes C, O'Donovan M, Dinjens WN, Biermann K, Shannon N, Worster S, Schulz LK, Luketich JD, Wijnhoven BP, Hardwick RH, Fitzgerald RC

Three-gene immunohistochemical panel adds to clinical staging algorithms to predict prognosis for patients with esophageal adenocarcinoma.

J Clin Oncol 31(12): 1576-1582 (2013)

Peters CJ, Rees JR, Hardwick RH, Hardwick JS, Vowler SL, Ong C-AJ, Zhang C, Save V, O'Donovan M, Rassi D, Alderson D, Caldas C, Fitzgerald RC; Oesophageal Cancer Clinical and Molecular Stratification (OCCAMS) Study Group

A 4-gene signature predicts survival of patients with resected adenocarcinoma of the oesophagus, junction and gastric cardia.

Gastroenterology 139(6): 1995-2004 e15 (2010)