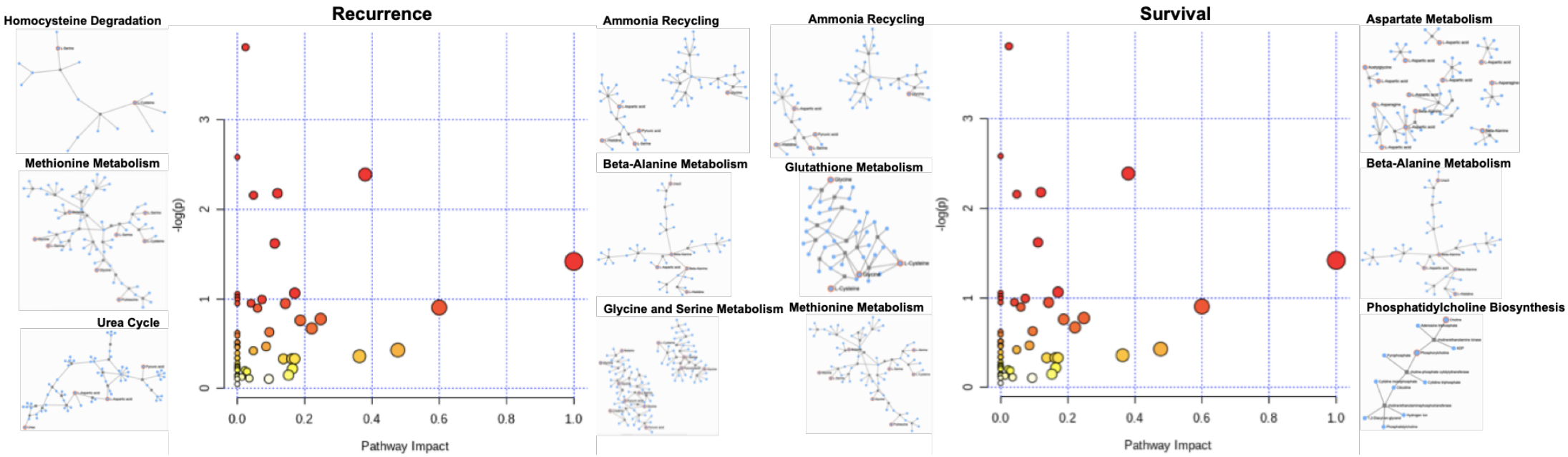
CORA Cork Open Research Archive
Cartlann Taighde Oscailte Chorcaí

Title	Metabolomic pathway activity with genomic single-nucleotide polymorphisms associated with colorectal cancer recurrence and 5-year overall survival
Authors	Fleming, Christina A.;Mohan, Helen M.;O'Leary, Donal P.;Corrigan, M.;Redmond, H. Paul
Publication date	2022-03-03
Original Citation	Fleming, C. A., Mohan, H. M., O'Leary, D. P., Corrigan, M. and Redmond, H. P. (2022) 'Metabolomic pathway activity with genomic single-nucleotide polymorphisms associated with colorectal cancer recurrence and 5-year overall survival', Journal of Gastrointestinal Cancer, 54(1), pp.247-258. https://doi.org/10.1007/s12029-022-00813-3
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1007/s12029-022-00813-3
Rights	© 2022, the Authors, under exclusive licence to Springer Science +Business Media, LLC, part of Springer Nature. This is a post-peer-review, pre-copyedit version of an article published in Journal of Gastrointestinal Cancer. The final authenticated version is available online at: https://doi.org/10.1007/s12029-022-00813-3
Download date	2026-11-16 08:03:26
Item downloaded from	https://hdl.handle.net/10468/12941

UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh


Recurrence
Homocysteine Degradation
Methionine Metabolism
Urea Cycle
Ammonia Recycling
Beta-Alanine Metabolism
Glycine and Serine Metabolism
-log(p)
Pathway Impact
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
Survival
Ammonia Recycling
Glutathione Metabolism
Methionine Metabolism
Aspartate Metabolism
Beta-Alanine Metabolism
Phosphatidylcholine Biosynthesis