

## PUBLICATION LIST

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July, 2013

1. Jerby L, Shlomi T , Ruppin E (2010) Computational Reconstruction of Tissue-specific Metabolic Models: Application to Human Liver Metabolism. *Molecular Systems Biology* **6**: 410.
2. Folger O, Jerby L, Frezza C, Gottlieb E, Ruppin E, Shlomi T (2011) Predicting Selective Drug Targets in Cancer through Metabolic Networks. *Molecular System Biology* **7**: 501.
3. Frezza C, Zheng L, Folger O, Rajagopalan KN, MacKenzie ED, Jerby L, Micaroni M, Chaneton B, Adam J, Hedley A, Kalna G, Tomlinson IPM, Pollard PJ, Watson DG, Deberardinis RJ, Shlomi T, Ruppin E, Gottlieb E (2011) Haem oxygenase is synthetically lethal with the tumour suppressor fumarate hydratase. *Nature* **477**: 225.
4. L. Jerby, E. Ruppin (2012) Predicting metabolic drug targets and biomarkers in cancer via genome scale modeling. *Clinical Cancer Research* **18**: 5572.
5. Jerby L, Wolf L, Denkert C, Stein GY, Hilvo M, Orešič M, Geiger T, Ruppin E, (2012) Metabolic phenotypic analysis uncovers reduced proliferation associated with oxidative stress in progressed breast cancer. *Cancer Research* **72**: 5712.