

Accepted Manuscript

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PII: S0304-4165(16)30214-8
DOI: doi: [10.1016/j.bbagen.2016.06.009](https://doi.org/10.1016/j.bbagen.2016.06.009)
Reference: BBAGEN 28521

To appear in: *BBA - General Subjects*

Received date: 1 April 2016
Revised date: 25 May 2016
Accepted date: 5 June 2016



Please cite this article as: Rebecca H. Chisholm, Tommaso Lorenzi, Jean Clairambault, Cell population heterogeneity and evolution towards drug resistance in cancer: Biological and mathematical assessment, theoretical treatment optimisation, *BBA - General Subjects* (2016), doi: [10.1016/j.bbagen.2016.06.009](https://doi.org/10.1016/j.bbagen.2016.06.009)

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Cell population heterogeneity and evolution towards drug resistance in cancer: biological and mathematical assessment, theoretical treatment optimisation

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Keywords: heterogeneity, cancer cell populations, evolution, drug resistance, cancer therapeutics, optimal control

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