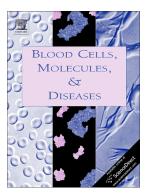
Accepted Manuscript

Opportunities for model-based precision dosing in the treatment of sickle cell anemia



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PII:	S1079-9796(17)30028-1
DOI:	doi: 10.1016/j.bcmd.2017.08.007
Reference:	YBCMD 2214
To appear in:	Blood Cells, Molecules and Diseases
Received date:	12 January 2017
Revised date:	###REVISEDDATE###
Accepted date:	7 August 2017

Please cite this article as: Min Dong, Tomoyuki Mizuno, Alexander A. Vinks, Opportunities for model-based precision dosing in the treatment of sickle cell anemia, *Blood Cells, Molecules and Diseases* (2017), doi: 10.1016/j.bcmd.2017.08.007

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ACCEPTED MANUSCRIPT

Opportunities for model-based precision dosing in the treatment of sickle cell anemia

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Keywords: hydroxyurea (HU), sickle cell anemia (SCA), pharmacometrics, D-optimal design, Bayesian individualized dosing

Abbreviations: SCA, sickle cell anemia; MTD, maximum tolerated dose; PK, pharmacokinetics; PD, pharmacodynamics; AUC, area under the concentration-time curve; Hb: hemoglobin; HbF, fetal hemoglobin

The word count (excluding the title page, summary, references, tables, and figures; suggest 1000 to 10,000 words): ~ 3187 The Number of References: 46 The Number of Tables: 0 The Number of Figures: 4 Download English Version:

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