Haematologica HAEMATOL/2016/142562 Version 3 Using zebrafish to model erythroid lineage toxicity and regeneration

Anna Lenard, Elisa Alghisi, Hamina Daff, Massimiliano Donzelli, Claudia McGinnis, and Claudia Lengerke

Disclosures: AL received postdoctoral funding through the Roche Postdoctoral Fellowship (RPF) program. EA declares no conflict of interest. CL provided consultancy for Amgen, Gilead, was part of advisory boards at Novartis, Pfizer, Celgene and received research funding from Bayer and Roche via the RPF program. None of these activities except of the RPF funding are related to the topic of the current manuscript. CM, HD and MD are employed in the Pharmaceutical Sciences, Drug Disposition and Safety Division, at Roche.

Contributions: CM together with AL and CL conceived the project and designed the research. CL and CM supervised the research. AL, CL and CM designed the experiments and analyzed the data. AL and EA performed the zebrafish experiments. HD and MD developed and performed the bioanalytical compound uptake studies. AL and CL wrote the manuscript. All authors revised the paper.