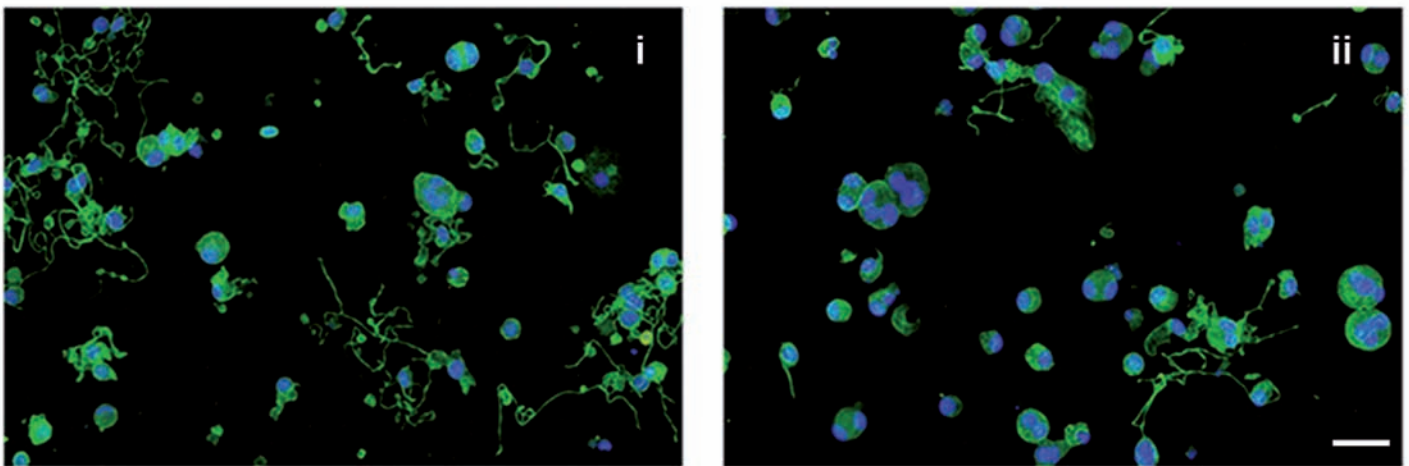


Constitutively released adenosine diphosphate regulates proplatelet formation by human megakaryocytes

Alessandra Balduini,^{1,2} Christian Andrea Di Buduo,¹ Alessandro Malara,¹ Anna Lecchi,³ Paola Rebuzzini,⁴ Manuela Currao,¹ Isabella Pallotta,^{1,2} Joseph A. Jakubowski,⁵ and Marco Cattaneo⁶

¹Biotechnology Laboratories, Department of Molecular Medicine, IRCCS San Matteo Foundation, Università degli Studi di Pavia, Pavia, Italy; ²Department of Biomedical Engineering, Tufts University, Medford, MA, USA; ³Angelo Bianchi Bonomi Hemophilia and Thrombosis Center, Department of Internal Medicine, Foundation IRCCS Ca' Granda Ospedale Maggiore Policlinico and Università degli Studi di Milano, Milano, Italy; ⁴Department of Biology and Biotechnology, Università degli Studi di Pavia, Pavia, Italy; ⁵Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, IN, USA, and ⁶Medicina 3, Ospedale San Paolo, Dipartimento di Medicina, Chirurgia e Odontoiatria, Università degli Studi di Milano, Milano, Italy

Citation: Balduini A, Di Buduo CA, Malara A, Lecchi A, Rebuzzini P, Currao M, Pallotta I, Jakubowski JA, and Cattaneo M. Constitutively released adenosine diphosphate regulates proplatelet formation by human megakaryocytes. Haematologica 2012;97(11):1657-1665. doi:10.3324/haematol.2011.059212



Online Supplementary Figure S1. Representative picture of proplatelet-forming megakaryocytes in the presence of (i) vehicle (control) and (ii) cangrelor 10 μ M (α -tubulin in green, Hoechst 33258 in blue, scale bars=40 μ m) (immunofluorescence staining, Olympus BX51, magnification 20X).