

Omolola (Lola) Eniola-Adefeso

Selected Publications

Kelley, W.J., A.L. Banka, M. Newstead, K. Uhrich, C. O'Connor, T.J. Standiford, and **O. Eniola-Adefeso**. (2022). "Salicylate-based particle decoys therapeutically treat acute respiratory distress syndrome." *Advanced Healthcare Material*. <https://doi.org/10.1002/adhm.202101534>.

Banka, A.L. and **O. Eniola-Adefeso**. (2021) "Method Article: An in vitro blood flow model to advance the study of platelet adhesion utilizing a damaged endothelium." *Platelets*. <https://doi.org/10.1080/09537104.2021.1988550>

Chazovachii, P.T., J.M. Rieland, V.V. Sheffey, T.M.E. Jugovic, P.M. Zimmerman, **O. Eniola-Adefeso**, B.J. Love, and A.J. McNeil. "Using Adhesives to Capture Microplastics from Water." *ACS ES&T Engineering*. 2021, 1, 12, 1698–1704.

Safari, H., N. Kaczorowski*, M.L. Felder, and **O. Eniola-Adefeso**. (2021) "Co-solvents Choice is Critical for Optimizing the Loading Efficiency of Therapeutic Antibodies in Polymeric Nanoparticles." In Revision.

Eniola-Adefeso, O. H. El-Samad. "[Director Lander, the time is now.](https://doi.org/10.1126/science.abk1976)" *Science*. 2021 Jul 2;373(6550):7. <https://doi.org/10.1126/science.abk1976> PubMed PMID: 34210855

Shamoun, M., M. Gutierrez and **O. Eniola-Adefeso**. (2021) "Red Blood Cell Stiffness Driving Patient Symptoms: A Study of Red Blood Cell Population Rigidity in Sickle Cell Patient Genotype SC Relation to Overlooked Clinical Symptoms." *MedRxiv*. <https://doi.org/10.1101/2021.06.11.21257671>

O. Eniola-Adefeso and H. El-Samad. (2021) "Director Lander, the time is now." *Science* 373(6550), 7-7

Desai, T.A., **O. Eniola-Adefeso**, K.R. Stevens, M. Vazquez, and P. Imoukhuede. (2021) "Perspectives on disparities in scientific visibility." *Nat Rev Mater*. <https://doi.org/10.1038/s41578-021-00329-5>

Fish, M., A.L. Banka, M. Braunreuther, C.A. Fromen, W.J. Kelley, J.K.H. Lee, R. Adili, M. Holinstat, and **O. Eniola-Adefeso** (2021) "Deformable Microparticles for Shuttling Nanoparticles to the Vascular Wall." *Science Advances*. 7(17): eabe0143.

M. Gutierrez, M. Shamoun, K.G. Seu, T. Tanski, T.A. Kalfa, and **O. Eniola-Adefeso**. (2021) "Characterizing bulk rigidity of rigid red blood cell populations in sickle-cell disease patients." *Scientific Reports*. 11(1), 7909.

K.R. Stevens, K.S. Masters, P.I. Imoukhuede, K.A. Haynes, L.A. Setton, E. Cosgriff-Hernandez, M.A. Lediju Bell, P. Rangamani, S.E. Sakiyama-Elbert, S.D. Finley, R.K. Willits, A.N. Koppes, N.C. Chesler, K.L. Christman, J.B. Allen, J.Y. Wong, H. El-Samad, T.A. Desai, and **O. Eniola-Adefeso**. (2021) "Fund Black scientists" *Cell*, 184(3), P561-565.

**Featured on BBC News, King-5 News, Phys.org, The Conversation, AIMBE Flash, and many more.*

Featured in Kaiser J., "NIH director apologizes for 'structural racism,' pledges actions" **Science. Mar. 1, 2021*