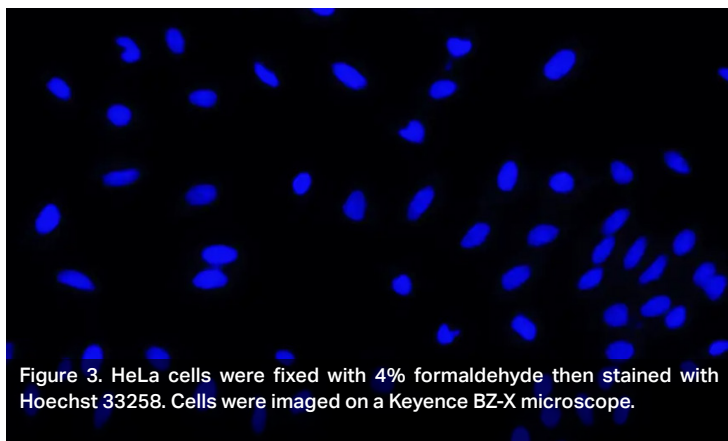
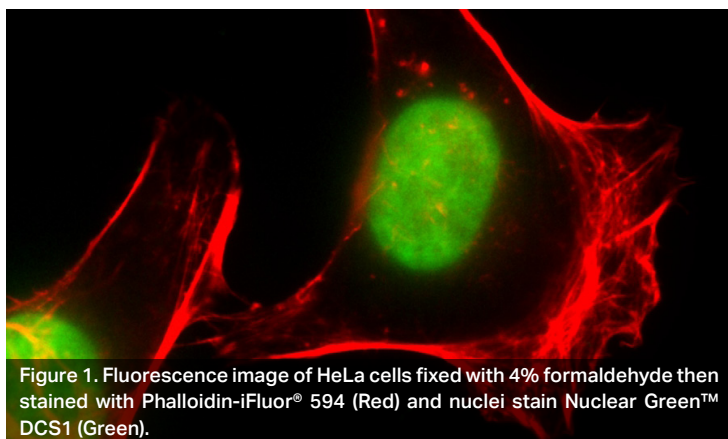


DNA DYES SELECTION GUIDE

Fluorophore	Laser	Ex (nm)	Em (nm)	Brightness
Nuclear Blue™	350	348	469	10
Hoechst 33342	350	352	454	10
Hoechst 33258	350	352	454	2
DAPI	350	359	457	9
Nuclear Yellow (Hoechst S769121)	350	372	504	7
Nuclear Violet™	405	401	460	6
Acridine Orange	488	490	520	3
Nuclear Green™	488	503	527	8
Nuclear Orange™	488	514	556	5
Propidium Iodide	532	537	618	1
Nuclear Red™	640	651	681	8

* Brightness scale is 1 (dimmiest) to 10 (brightest), as a comparison of all included dyes. Brightness is computed as a function of extinction coefficient and quantum yield.



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