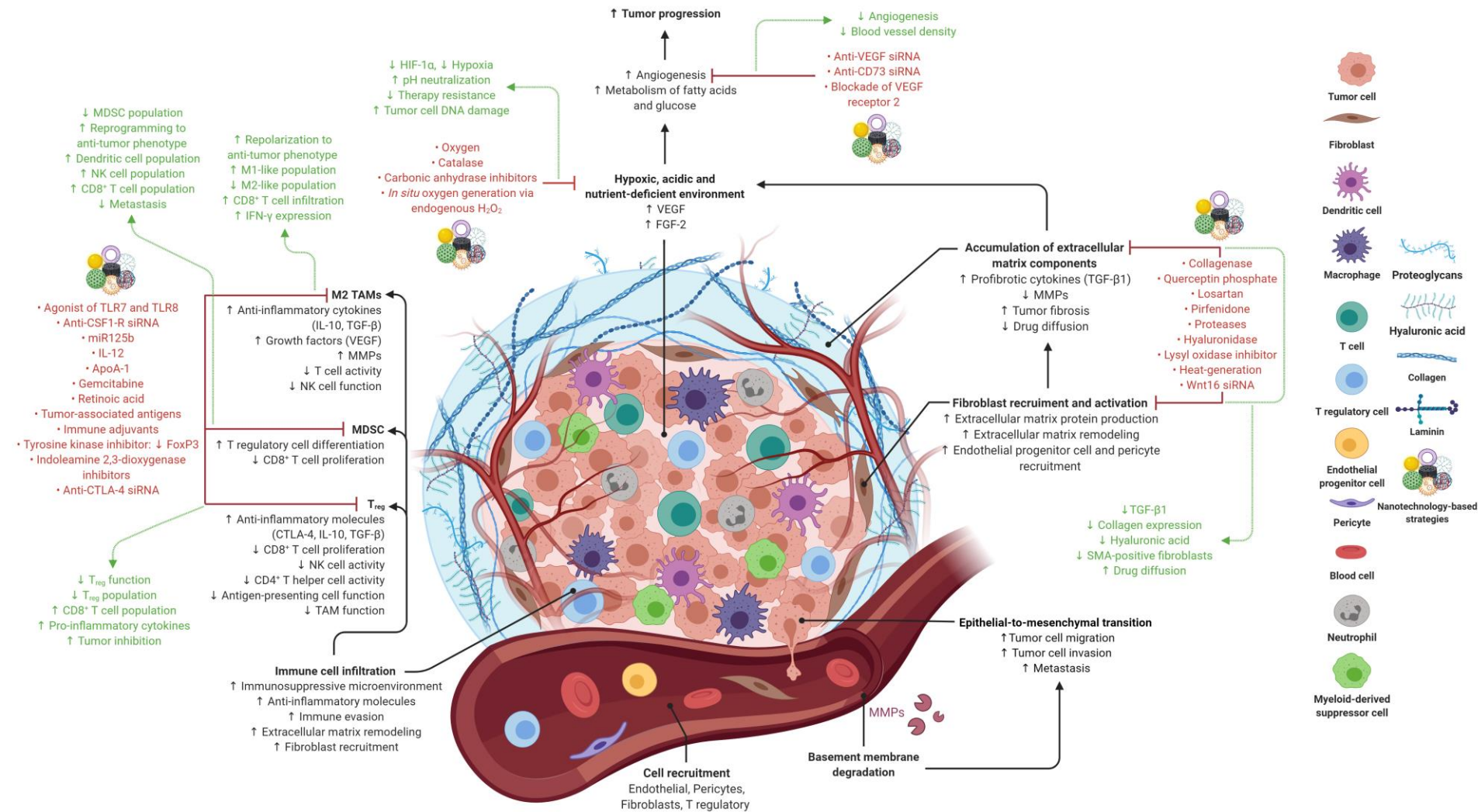


Novel nanoplatforms for imaging and targeting the breast tumor microenvironment

BÁRBARA MENDES

CANCER NANOMEDICINE | TOXOMICS

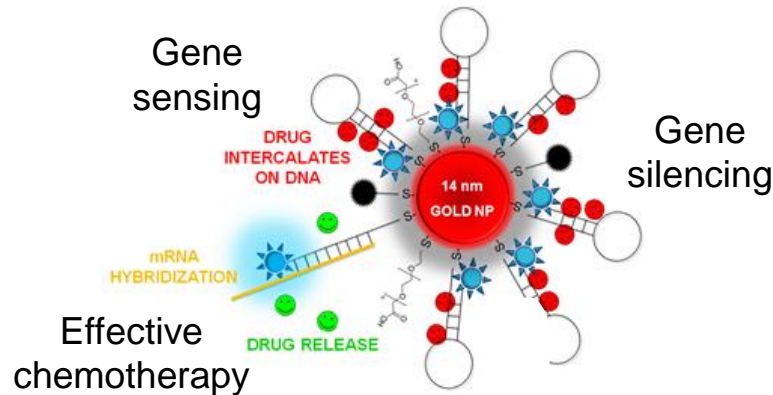
Why going nano on cancer healthcare?



Mendes. B et al. Trends in Cancer 2021

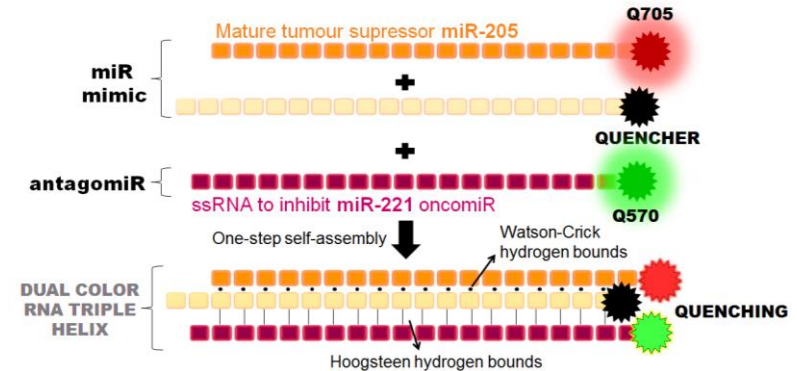
Pioneer platforms for cancer therapy

Overcoming Drug Resistance



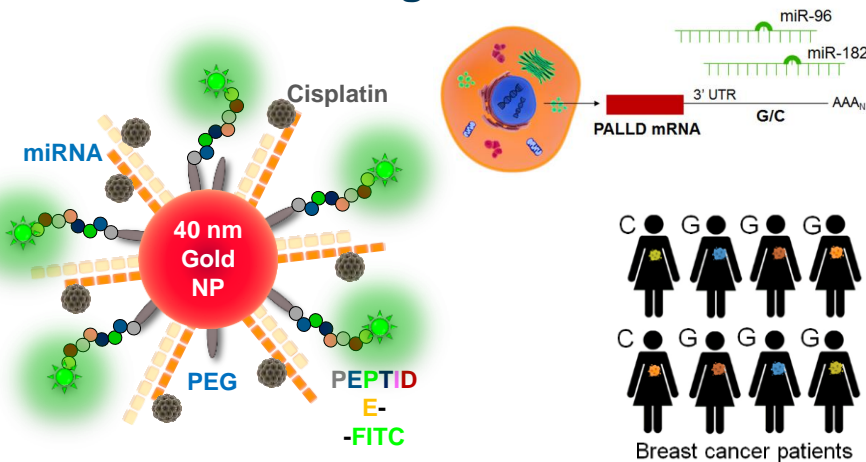
Conde. J et al. PNAS 2015

Modulating key genetic drivers



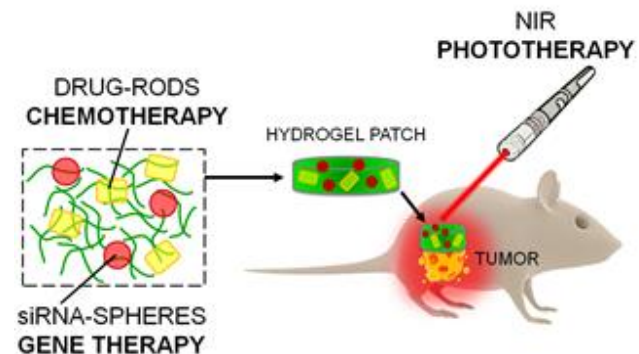
Conde. J et al. Nature Materials 2016 a

Preventing metastasis



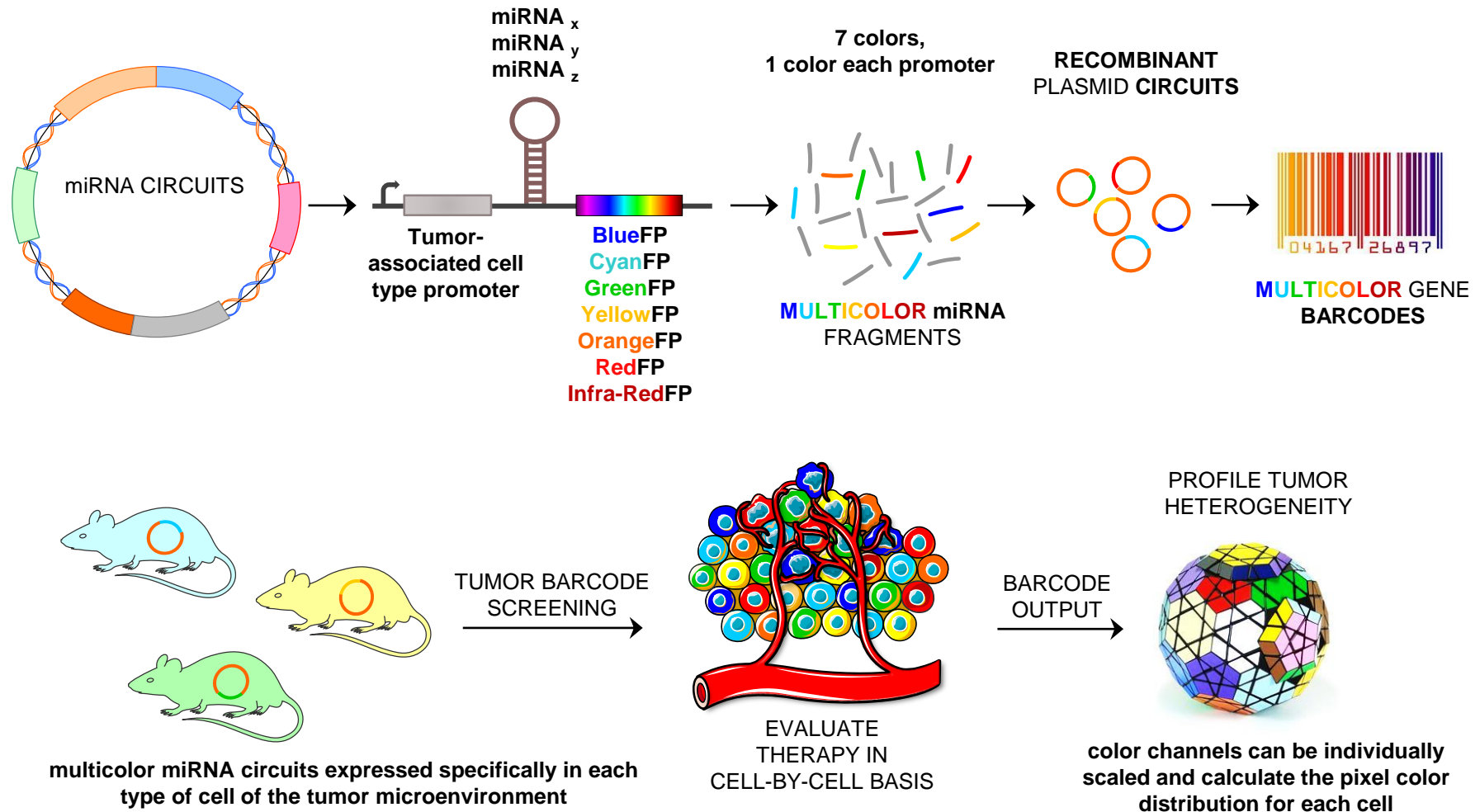
Avital & Conde. J et al. Nature Communications 2016

Eliminating tumor recurrence

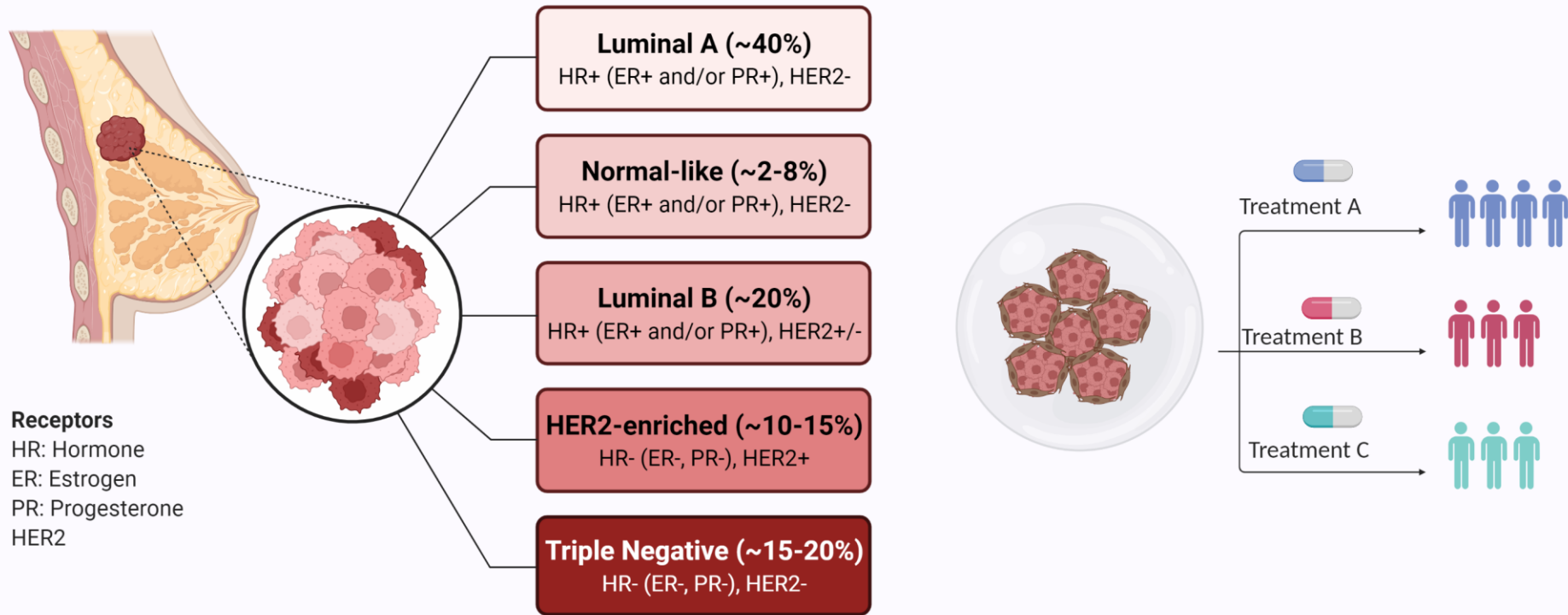


Conde. J et al. Nature Materials 2016 b

Profiling breast cancer heterogeneity by local delivery of multicolor circuits



In vitro recapitulation of breast cancer microenvironment



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THANK YOU!



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