



Cancer extracellular vesicles, tumoroid models, and tumor microenvironment. [\(Sheta and Colleagues, 2022 Seminars in Cancer Biology\)](#).

Electroporation and Transfection of EVs in Cells: A Methodological Approach [\(unpublished\)](#).

Extracellular Vesicles as a Drug Carrier for Targeting Cancer Metabolism Kinase [\(unpublished\)](#).

Biodistribution Analysis of Glu-Labeled EVs Using In Vivo Imaging System [\(unpublished\)](#).

Extracellular Vesicles: New Classification and Tumor Immunosuppression [\(Sheta et al biology 2022\)](#).

Attempt at Suppression of Head and Neck Cancer and Reversal of Cisplatin Resistance by Mitochondrial Molecular Inhibition and Autophagy Inhibition [\(unpublished\)](#).

Metalloproteinase inhibitors inhibits the expression of surface markers on extracellular vesicles from oral squamous cell carcinoma [\(unpublished\)](#).

EV proteome of metastatic tongue carcinoma cells [\(unpublished\)](#).

RNA & Proteome highly expressed in tumoroid-EVs and MMP3-KO-tumoroid-EVs [\(unpublished\)](#).

Discovery integrin/focal adhesion/PI3K/AKT signaling pathway [Figure 5 in \(Sheta et al 2021 Cancer Letters\)](#)

Discovery and targeting of metabolism kinase in cancer organoid EVs [\(Sheta et al, Poster in JSEV Conference\)](#).

MEK1/2 is a bottleneck that induces cancer stem cells to activate the PI3K/AKT pathway. [\(Sheta and colleagues, 2021 BBRC\)](#).

Supplementary Figure 1: Meta-analysis Results in [\(Sheta et al 2021 Cancer Letters\)](#).

Differentiation of cancer stem cells into erythroblasts in the presence of CoCl2. [\(Sheta and colleagues, 2021 Scientific Reports\)](#).

Microenvironment of mammary fat pads affected the characteristics of the tumors derived from the induced cancer stem cells. [\(Sheta and colleagues, 2021 Am J Cancer Res.\)](#).

Chronic exposure to FGF2 converts iPSCs into cancer stem cells with an enhanced integrin/focal adhesion/PI3K/AKT axis. [\(Sheta et al 2021 Cancer Letters\)](#).

MiRNAs-181a/b as Predictive biomarkers for Olaparib sensitivity in triple-negative breast cancer cells. [\(Sheta et al 2017 Biochemistry Letters\)](#)

Syndecan-1 (CD138) as a pathogenesis factor and therapeutic target in breast cancer [\(Sheta et al 2021 Current Medicinal Chemistry\)](#).

