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PHARMACEUTICALS

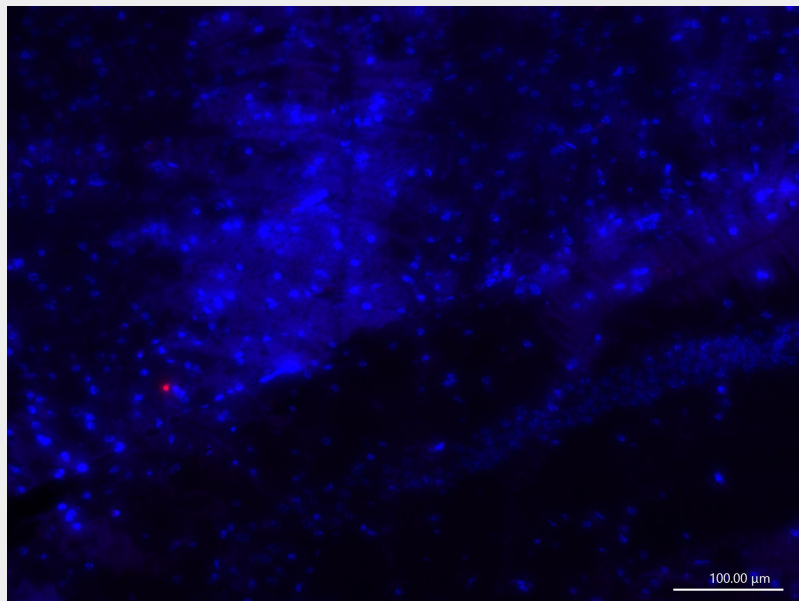
# Blood Brain Barrier Crossing and Overall Expression

- Our particles have the ability to cross the blood brain barrier and deliver any payload.
- The tissue immunofluorescence images of the brain/liver display the fluorescence of a knocked out protein re-expressed by our particles.
- In all images shown red fluorescence displays detection of the protein of interest.

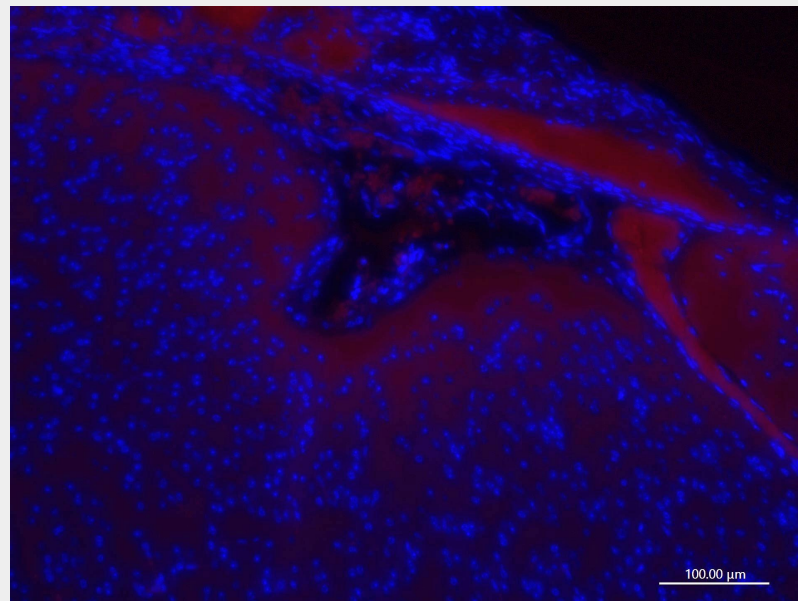


# Mice Brain Data

## Control Mouse Brain



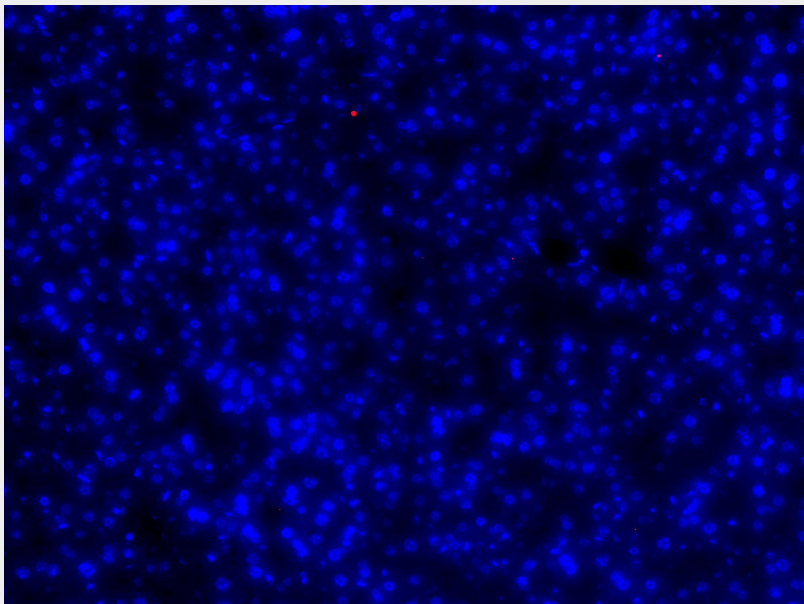
## Dosed Mouse Brain



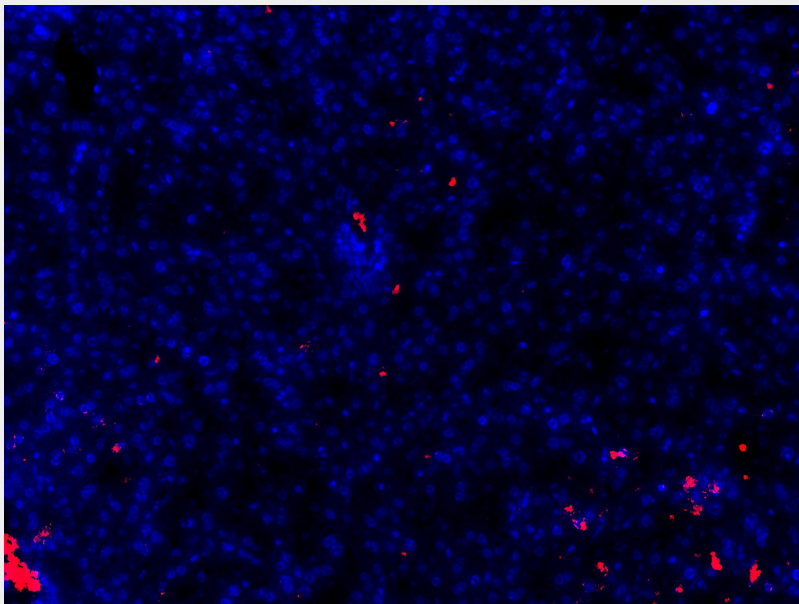
\*Red fluorescence indicates the presence of LNP delivered mRNA of a knocked out protein

# Mice Liver Data

Control Liver Image

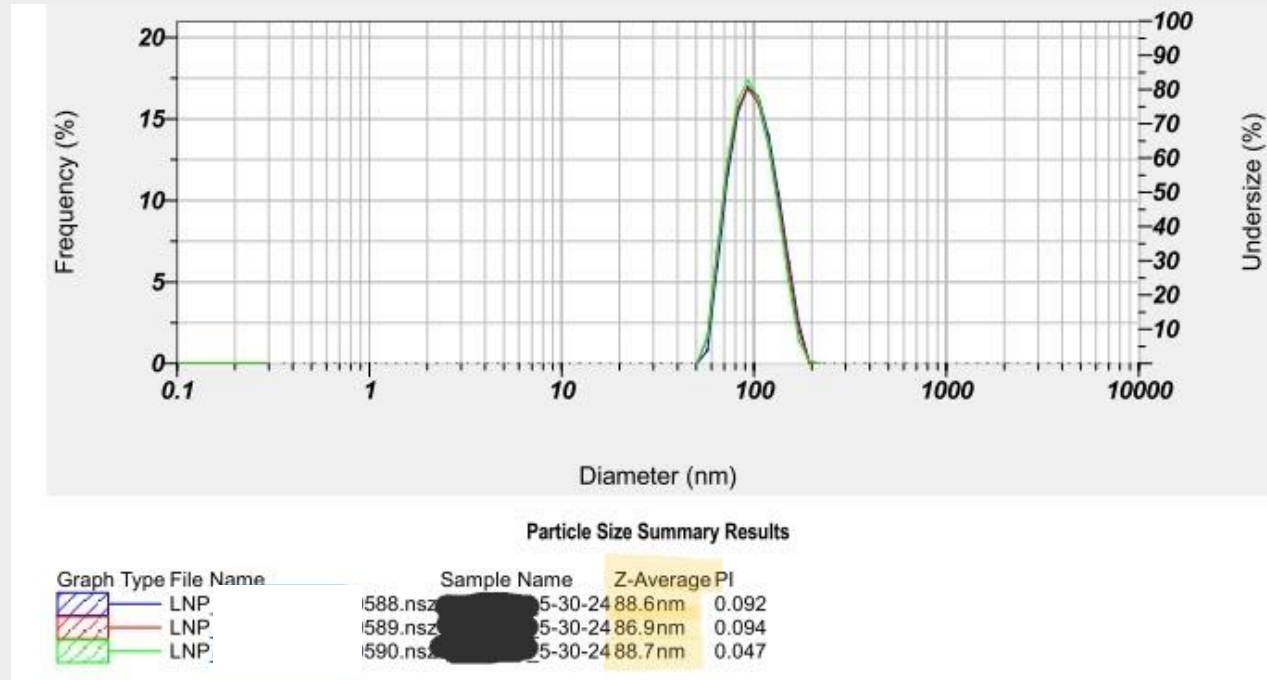


Dosed Liver Image



\*Red fluorescence indicates the presence of LNP delivered mRNA of a knocked out protein

# Dynamic Light Scattering Reading



\*Z-average is the average size of the particle

