



Mineral Coated Microparticles For Co-Delivery Of Anti-Inflammatory Molecules With Nucleic Acids To Improve Gene Delivery Outcomes

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The Invention

Disclosed are compositions and methods for the co-delivery of ribonucleic acids and interferon binding proteins. Compositions include mineral coated microparticles having a mineral layer, a ribonucleic acid, and an interferon binding protein. Ribonucleic acids and interferon binding proteins can be adsorbed to the mineral layer, can be incorporated into the mineral layer, and combinations thereof. Also disclosed are methods for co-delivery of ribonucleic acids and interferon binding proteins and methods for treating inflammatory diseases using mineral coated microparticles having a mineral layer to provide co-delivery of ribonucleic acids and interferon binding proteins.

Additional Information

For More Information About the Inventors

- [William Murphy](#)

Tech Fields

- [Drug Delivery : Other drug delivery technologies](#)
- [Medical Devices : Other medical devices](#)

For current licensing status, please contact Rafael Diaz at rdiaz@warf.org or 608-960-9847