Integral BioSystems
Specialized Formulations

PRODUCT OFFERING
NanoM Wafer™
Bioengineered, Sustained Release Drug Delivery Insert

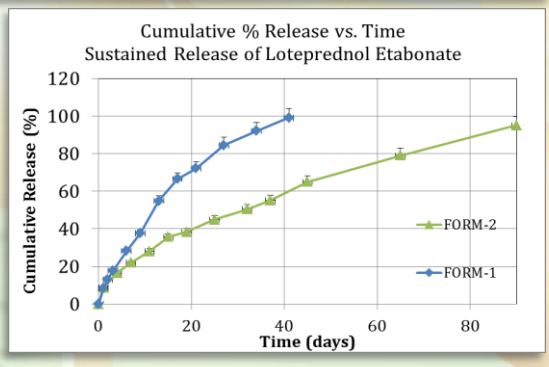
PATENTED LICENSABLE TECHNOLOGY

What it is and Uses Thereof:

- A sustained release, nanostructured, biodegradable, bioengineered, drug delivery system.
- Applications: Ophthalmic insert for sustained release of medications (see schematic of Ocular Insert), Intranasal insert, Drug-Releasing, Biodegradable "Bandage" for Wound Healing, sustained release drug delivery for Women's Health, Urological and Otic delivery.

Advantages of NanoM Wafer:

- In an example, eye-drops are an inefficient way to deliver drugs, due to loss of >95% of the drug to naso-lacrimal drainage. Additionally, rapid wash-out requires frequent dosing regimens (multiple times a day). NanoM Wafer composition can be modulated for sustained release of drug from days to months.
- NanoM Wafer is tissue-adherent and stays-on-site while releasing medication.
- Bioengineered to be water and oxygen permeable; thus, NanoM Wafer is highly biocompatible.



Features of NanoM Wafer:

- Multiple drugs can be incorporated, tunable to different durations and rates.
- Versatile; compatible with both biologics and small molecule therapeutics.
- Nano-engineered.
- Can be administered as a flat insert, or a cylindrical insert.
- Rapidly hydrates, molds itself to underlying tissue.
- Oxygen Permeable, Water Permeable
- Mucoadhesive

Integral BioSystems invites collaborations with pharmaceutical companies to render repurposed drugs IP-protectable with Integral's proprietary drug delivery licensable innovation NanoM Wafer. With multiple billion-dollar drug products going off-patent, a 505b2 regulatory strategy presents a cost-effective way to develop an extended product life cycle with novel IP.

BEGIN AN EVALUATION PROGRAM WITH THE NANOM PRODUCT

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