QTORINTM Rapamycin 3.9% Anhydrous Gel: A Novel, Dermal-Targeted Topical mTOR Inhibitor in Phase 3 For Treatment of **Microcystic Lymphatic Malformations**

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1. Rapamycin: a molecule with broad potential for treating many high unmet need dermatoses, but with significant barriers for use. **2. QTORINTM: a versatile platform designed to** deliver novel therapies to the dermis.





1. Rapamune package insert. 2)Kitayama et al., Journal of Derm. Science (2019)

3. QTORINTM rapamycin: high concentration and



4. Phase 2 clinical trial shows efficacy of QTORIN[™] rapamycin for microcystic lymphatic malformation.

5. Status of the QTORIN[™] platform.

Phase 3 trial in microcystic LM ongoing. \bullet



Baseline



Patient #1

Treatment of End

Baseline



Patient #2



- Phase 2 trial in cutaneous VM ongoing.
- FDA designations & awards:
 - Fast Track, Orphan Drug Designation, Breakthrough Designation, Orphan Products Development Grant*.
- Ongoing evaluation of mTOR driven indications.
- Ongoing evaluation of QTORIN enabled products.

THERAPEUTICS

* Palvella Therapeutics Awarded Up to \$2.6 million Grant from the FDA Office of Orphan Products Development to Support Phase 3 Single-Arm, Baseline-Controlled Trial in Microcystic LM



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