



RaQualia
innovators for life

EP₄ Receptor Antagonist for Oncology

Worldwide Partnering Opportunity

1. Executive Summary

- Potent and selective EP4 antagonists in Phase 2 and non-clinical stage
 - RQ-00000007: Proof of concept in osteoarthritis (OA) pain in two Phase 2a studies
 - RQ-00000008: Completed non-clinical profiling, i.e., safety pharmacology, DMPK, and toxicology studies, for Phase 1 studies
 - Back-up compounds: Non-clinical stage

- EP4 antagonists
 - Inhibit PGE₂-induced VEGF / IL-23 production in macrophages / dendritic cells *in vitro*
 - Inhibit PGE₂ / ConA-induced IL-6 production in PBMC *in vitro*
 - Reversed PGE₂-induced suppression TNF α / IL-12 suppression in human whole blood
 - Exhibited dose-dependent anti-tumor activity in a well-characterized mouse cancer model
 - Provide attractive opportunities for the treatment in cancer indication

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