

# Drug Repurposing Analysis Report

## Innovation Opportunity Summary

Molecule: Montelukast

Therapy Area: Respiratory

Story:

Montelukast is being investigated for Respiratory. Found 50 clinical trials and 20 publications. Analysis

Key Opportunities:

- Analyze 50 identified trials

Review 20 scientific publications

Recommendations:

- Conduct detailed review of trial outcomes

Monitor new publications

## Clinical Trials (Live Data)

- [PHASE2] Effect of Montelukast in Preventing Dengue With Warning Sign... (COMPLETED)
- [PHASE3] Two Investigational Drugs in the Prevention of Airway Constr... (COMPLETED)
- [NA] Transporter Mediated Uptake of Montelukast... (COMPLETED)
- [PHASE4] Montelukast and Fexofenadine Versus Montelukast and Levocetr... (COMPLETED)
- [EARLY\_PHASE1] Impact Of Montelukast On Allergic Rhinitis And Its Inflamm... (UNKNOWN)
- [PHASE3] Serum Intercellular Adhesion Molecule -1 in Acne Vulgaris Pa... (NOT\_YET\_RECRUITING)
- [NA] Controller Medications in the Management of Bronchial Asthma... (COMPLETED)
- [PHASE4] The Effect of Omalizumab on Allergic Rhinitis Symptoms: a Co... (COMPLETED)
- [PHASE1] Safety, Pharmacokinetics, and Preliminary Efficacy of Isatux... (TERMINATED)
- [PHASE2] Oral Bacterial Extract for the Prevention of Wheezing Lower ... (ACTIVE\_NOT\_RECRUITING)

## Recent Publications (Live Data)

- Montelukast as a novel therapeutic approach in metastatic uveal melanoma... (2025)
- Montelukast: risk of mental disorders vs. efficacy-a meta-analysis.... (2025)
- Efficacy of a Combination Therapy of Montelukast and Antihistamines in... (2025)
- Efficacy comparison of combined montelukast-antihistamine and monteluk... (2025)
- Montelukast treats &lt;i&gt;Streptococcus pneumoniae&lt;/i&gt;-induced... (2025)
- Letter to the Editor: "The clinical outcome of Montelukast versus co-e... (2026)
- Montelukast vs Tranilast Administration in the Prevention of Capsular ... (2025)
- Effects of montelukast on allergic rhinitis in children: a systematic ... (2025)
- The ADCY1-mediated cAMP signaling pathway mediates functional effects ... (2025)
- Modulating the lung-gut axis: A randomized controlled trial of Xie Bai... (2025)