

TECH SCAN

ANTI VIRAL ORAL NASAL SPRAYS



WHERE MIND MEETS MARKET

Anti-viral oral nasal sprays are a novel technology combating respiratory viruses by directly targeting and inhibiting viral replication and spread. Applied to the nasal and oral mucosa, these sprays rapidly absorb and distribute antiviral agents, acting as a first line of defense against upper respiratory infections.

The technology offers a preventive measure, reducing the severity and duration of viral illnesses. Its ease of administration makes it appealing for widespread use, particularly during outbreaks or in high-risk

environments. Ongoing research explores new formulations and compounds, contributing to the advancement of effective tools against viral infections.

This technology should be patented, as it will provide exclusive rights for inventors and companies to manufacture, use, and distribute the technology. This protection encourages investment, ensures a competitive edge, and facilitates collaborations, licensing, and commercialization opportunities for advancing viral infection prevention.



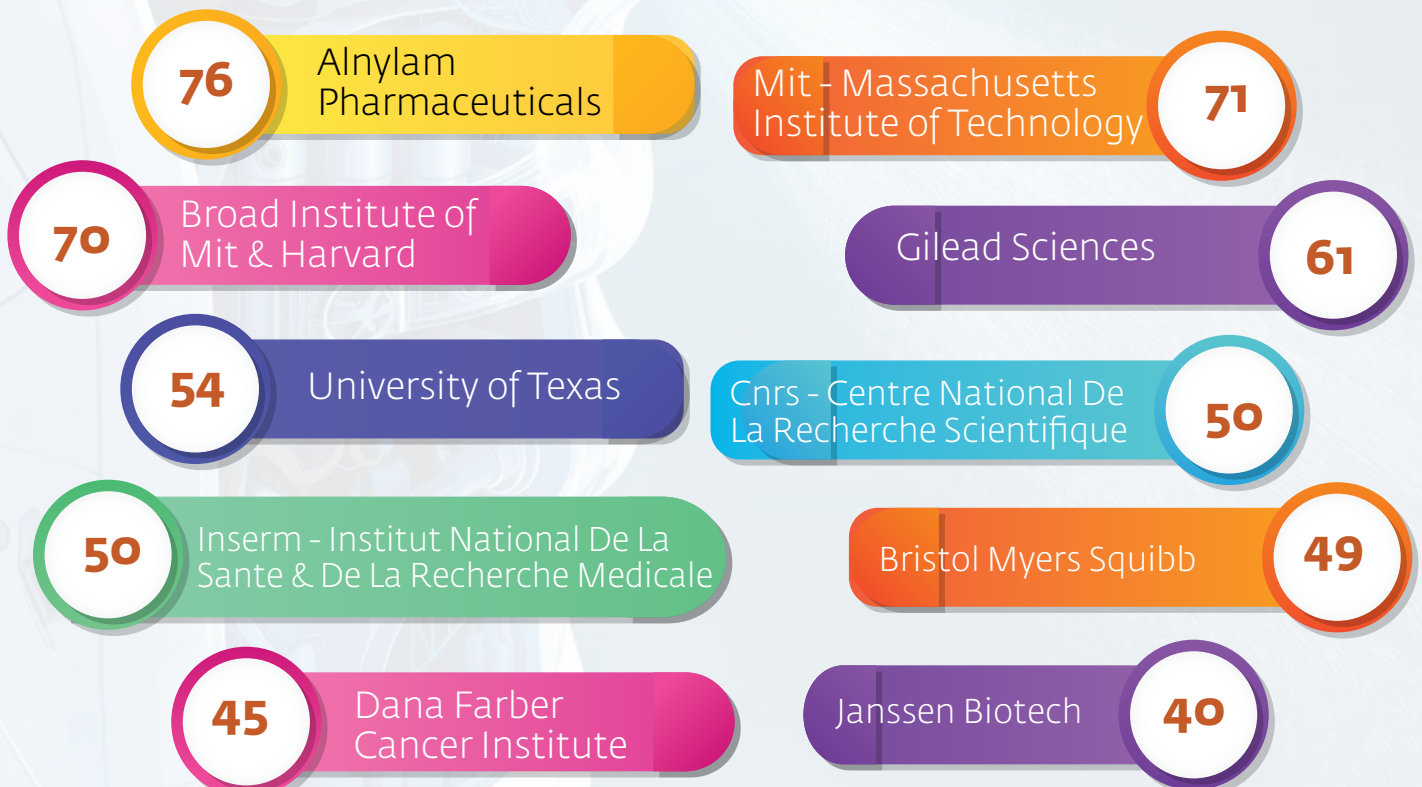
INNOVATION TIMELINE



PATENTABLE ASPECTS



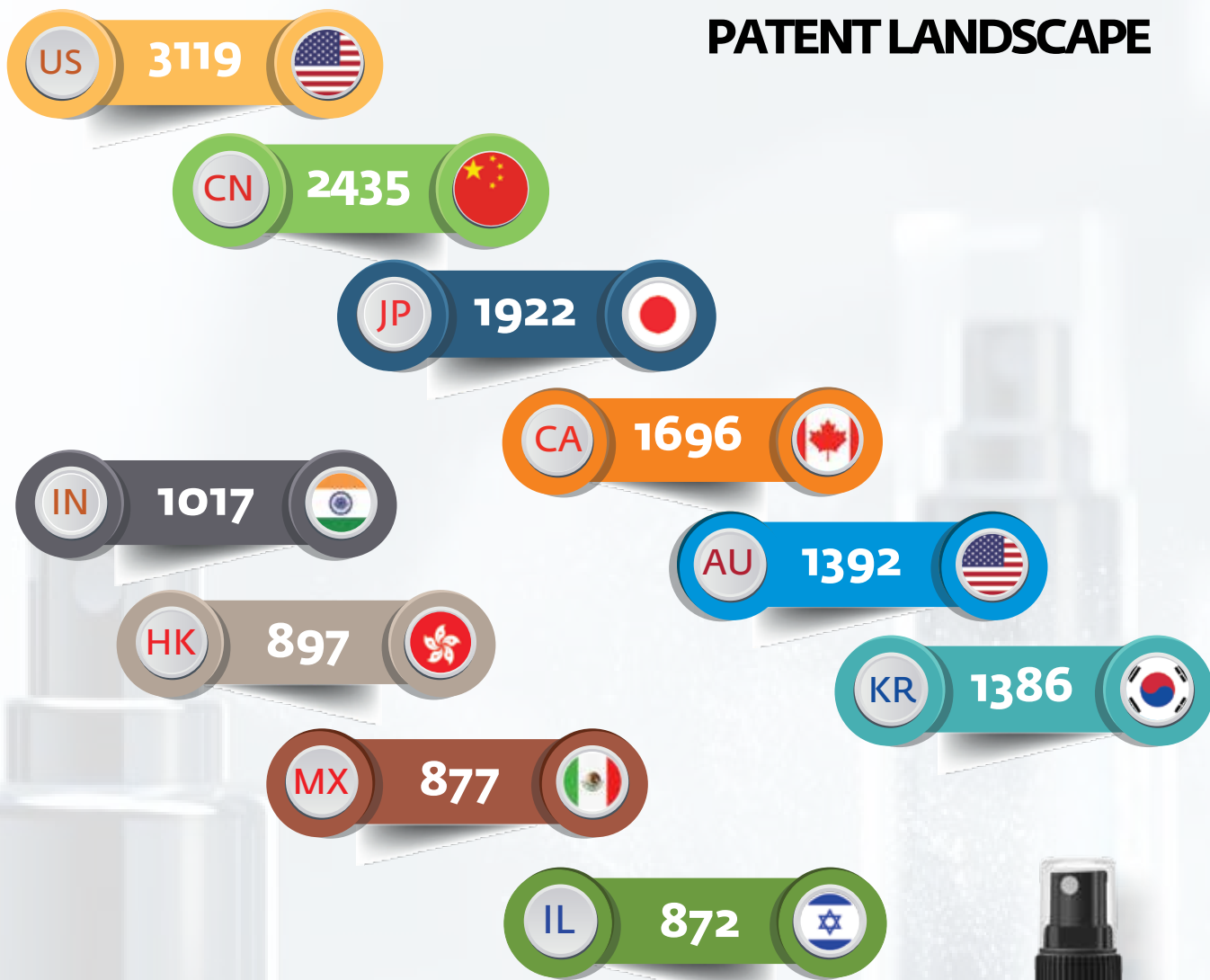
TOP APPLICANTS



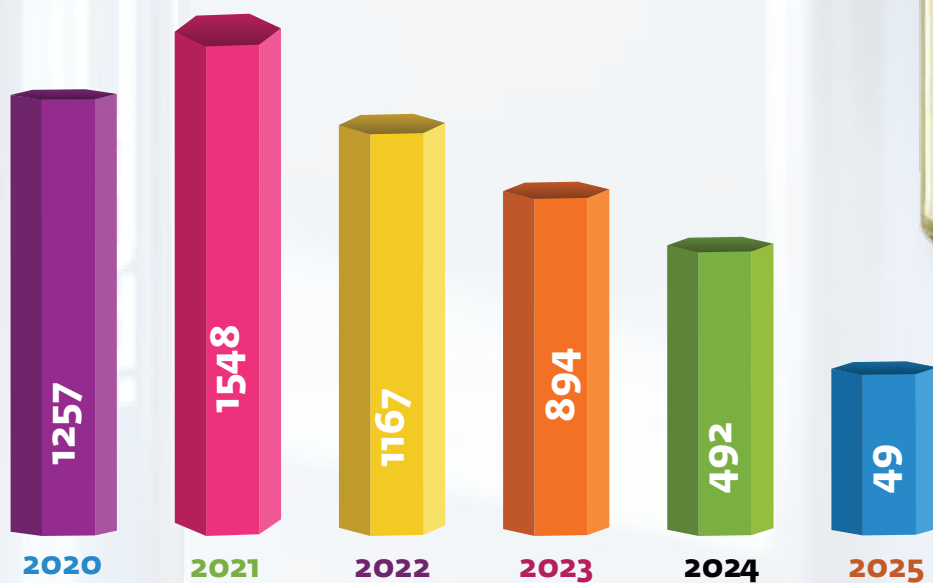
Database: Questel Orbit

Data Range: 01/01/2020 - 31/07/2025

PATENT LANDSCAPE



PATENT STATISTICS



Database: Questel Orbit
Data Range: 01/01/2020 - 31/07/2025

NOTABLE INNOVATIONS

Patent Application	Priority date	Title	Assignee
IN202541043129	May 05, 2025	Herbal mouth spray formulation and method of preparation using lotus (nelumbo nucifera) and betel leaf (piper betel l.)	Jss Academy of Higher Education & Research
US20250009896	Feb 26, 2024	Supramolecular filaments based viral particle capture for prevention and therapy of viral infection	Johns Hopkins University
WO2024/104313	Feb 03, 2023	Composition for antiviral or oxidation pre-treatment, preparation method and usage method thereof	Govita Technology
WO2024/005747	Dec 27, 2022	Antiviral nasal spray	Bursa Uludag Ueniversitesi
CN115998805	Dec 21, 2022	Epidemic prevention and sterilization cordate houttuynia composition oral-nasal spray and preparation method thereof	Guangdong Lingnan Institute of Technology
KR10-2024-0008187	Nov 07, 2022	Two-component nasal or oral spray device for control of respiratory viral infections	JANG, Tae Sun
FR3126619	Sep 03, 2021	Antiviral compositions for nasal or oropharyngeal spray administration	Phytoitalia
US10874650	July 9, 2020	Antiviral and virucidal nasal spray compositions and related treatment methods	Ferrer Medical Innovations
CN111317719	Dec 13, 2018	Artemisia rupestris L. nasal spray with antiviral activity	Fudan University

WHITESPACES

Enhance formulation stability for longer shelf life.

Improve nasal spray device efficiency and dosing accuracy.

Develop combination antiviral formulations for broader coverage.

Design virus-specific antiviral compounds.

Optimize dosing schedules for effectiveness and adherence.

Innovate advanced drug delivery and formulation methods.

Integrate nasal sprays with complementary therapeutic approaches.

Target formulations to vulnerable or high-risk populations.

Increase bioavailability through novel excipients or carriers.

Personalize treatment protocols for varied patient needs.

If you would like to learn more about any of these areas or have specific questions, we're here to provide further information and insights. Our team is dedicated to driving progress and staying at the forefront of Anti Viral Oral Nasal Sprays.

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