

AIM ImmunoTech files three provisional patent applications for coronavirus

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US based AIM ImmunoTech Inc., immuno-pharma company has announced the filing of three provisional patent applications related to its drug candidate Ampligen in the company's efforts toward joining the global health community in the fight against the deadly Wuhan coronavirus that has so far infected approximately 40,000 people and killed almost one thousand, primarily in China.

Coronaviruses are a large family of viruses, including the deadly Severe Acute Respiratory Syndrome (SARS). After a 2002 SARS outbreak in the Guangdong province of southern China caused more than 8,000 cases and more than 800 deaths, the United States' National Institutes of Health contracted studies to evaluate potential treatments for SARS. Ampligen achieved a 100% survival rate - as compared to 100% mortality - at clinically achievable human dosage levels in animal experiments.

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AIM believes that Ampligen has the potential to be both an early-onset treatment for and prophylaxis against the Wuhan coronavirus, which originated in China before quickly spreading to other countries. The company's three provisional patent applications include: 1) Ampligen as a therapy for the Wuhan coronavirus; 2) Ampligen as part of a proposed intranasal universal coronavirus vaccine that combines Ampligen with inactivated Wuhan coronavirus, conveying immunity and cross-protection and; 3) a high-volume manufacturing process for Ampligen.

Thomas K. Equels, AIM CEO said, "Our analysis of the RNA sequences of the SARS virus and the Wuhan coronavirus and our research lead AIM to believe Ampligen has significant therapeutic potential as both an early-onset treatment and prophylaxis against this new and deadly virus. If clinical trials follow the results of SARS animal testing, this means helping people who are already sick as well as a prophylaxis for people directly exposed to the virus as it spreads, which is especially important for the medical professionals in hospital-like settings working to contain the global emergency, and those people quarantined in camps and on cruise ships. AIM's universal coronavirus vaccine concept is primarily meant to inoculate against the Wuhan coronavirus, but, through Ampligen's unique capabilities, could also protect against other forms of coronavirus and future mutations of the Wuhan coronavirus. AIM is a small immunological research company, but we want to do our part. We believe humanity must stand together to defeat such viral threats. This is our effort to make a difference in this worldwide threat posed by the Wuhan coronavirus."

Ampligen is the only known specific Toll-Like Receptor 3 agonist based on synthetic double-stranded RNA with a welldeveloped intravenous, intraperitoneal and intranasal safety profile while demonstrating strong antiviral activity against a broad spectrum of viruses. The drug is also being used in multiple ongoing immuno-oncology clinical studies. AIM has recently produced more than 10,000 vials of Ampligen.