



## **MediciNova Receives Notice of Allowance for New Patent Covering MN-001 and MN-002 for the Treatment of Fibrosis in Korea**

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LA JOLLA, Calif., July 27, 2022 (GLOBE NEWSWIRE) -- MediciNova, Inc., a biopharmaceutical company traded on the NASDAQ Global Market (NASDAQ:MNOV) and the JASDAQ Market of the Tokyo Stock Exchange (Code Number: 4875), today announced that it has received a Notice of Allowance from the Korean Intellectual Property Office for a pending patent application which covers MN-001 (tipelukast) and MN-002 (a major metabolite of MN-001) for the treatment of fibrosis which includes a wide range of fibrotic diseases.

Once issued, the patent maturing from this allowed patent application is expected to expire no earlier than June 2035. The allowed claims cover a composition for inhibiting or treating fibrosis, excluding pulmonary fibrosis and certain types of hepatic fibrosis, using MN-001 or MN-002. The allowed claims specifically cover a long list of fibrotic indications including but not limited to Crohn's Disease, cystic fibrosis of the pancreas and lungs, fibrotic complications of surgery or injection fibrosis, macular degeneration, renal fibrosis, scarring after surgery, uterine fibrosis, viral hepatitis induced fibrosis, and alcoholic liver damage induced liver fibrosis. The allowed claims cover oral administration, including tablets and capsules, and liquid dosage forms. The allowed claims cover a wide range of doses of MN-001 (tipelukast) and MN-002 and a range of different dosing frequencies.

Kazuko Matsuda, M.D. Ph.D., MPH., Chief Medical Officer, MediciNova, Inc., commented, "We are very pleased to receive notice that this new patent will be granted as the claims are broad enough to cover MN-001 for the treatment of many forms of fibrosis and fibrotic disease. A similar patent that covers the treatment of various forms of fibrosis and fibrotic disease has already been granted by the U.S. Patent Office and the Japan Patent Office. We believe this patent could substantially increase the potential value of MN-001 as MN-001's broad anti-fibrotic activity enables us to pursue clinical development in various types of fibrosis."

### **About MN-001**

MN-001 (tipelukast) is a novel, orally bioavailable, small molecule compound thought to exert its effects through several mechanisms to produce its anti-inflammatory and anti-fibrotic activity in preclinical models, including leukotriene (LT) receptor antagonism, inhibition of phosphodiesterases (PDE) (mainly 3 and 4), and inhibition of 5-lipoxygenase (5-LO). The 5-LO/LT pathway has been postulated as a pathogenic factor in fibrosis development, and MN-001's inhibitory effect on 5-LO and the 5-LO/LT pathway is considered to be a novel approach to treat fibrosis. MN-001 has been shown to down-regulate expression of genes that promote fibrosis including LOXL2, Collagen Type 1 and TIMP-1. MN-001 has also been shown to down-regulate expression of genes that promote inflammation including CCR2 and MCP-1. In addition, histopathological data shows that MN-001 reduces fibrosis in multiple animal models.

### **About MediciNova**

MediciNova, Inc. is a clinical-stage biopharmaceutical company developing a broad late-stage pipeline of novel small molecule therapies for inflammatory, fibrotic, and neurodegenerative diseases. Based on two compounds, MN-166 (ibudilast) and MN-001 (tipelukast), with multiple mechanisms of action and strong safety profiles, MediciNova has 11 programs in clinical development. MediciNova's lead asset, MN-166 (ibudilast), is currently in Phase 3 for amyotrophic lateral sclerosis (ALS) and degenerative cervical myelopathy (DCM) and is Phase 3-ready for progressive multiple sclerosis (MS). MN-166 (ibudilast) was studied in a Phase 2 trial in patients at risk of developing acute respiratory distress syndrome (ARDS) and is also being evaluated in Phase 2 trials in glioblastoma and substance dependence. MN-001 (tipelukast) was evaluated in a Phase 2 trial in idiopathic pulmonary fibrosis (IPF) and a second Phase 2 trial in non-alcoholic fatty liver disease (NAFLD) is ongoing. MediciNova has a strong track record of securing investigator-sponsored clinical trials funded through government grants.

*Statements in this press release that are not historical in nature constitute forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, without limitation, statements regarding the future development and efficacy of MN-166, MN-001, MN-221, and MN-029. These forward-looking statements may be preceded by, followed by or otherwise include the words "believes," "expects," "anticipates," "intends," "estimates," "projects," "can," "could," "may," "will," "would," "considering," "planning" or similar expressions. These forward-looking statements involve a number of risks and uncertainties that may cause actual results or events to differ materially from those expressed or implied by such forward-looking statements. Factors that may cause actual results or events to differ materially from those expressed or implied by these forward-looking statements include, but are not limited to, risks of obtaining future partner or grant funding for development of MN-166, MN-001, MN-221, and MN-029 and risks of raising sufficient capital when needed to fund MediciNova's operations and contribution to clinical development, risks and uncertainties inherent in clinical trials, including the potential cost, expected timing and risks associated with clinical trials designed to meet FDA guidance and the viability of further development considering these factors, product development and commercialization risks, the uncertainty of whether the results of clinical trials will be predictive of results in later stages of product development, the risk of delays or failure to obtain or maintain regulatory approval, risks associated with the reliance on third parties to sponsor and fund clinical trials, risks regarding intellectual property rights in product candidates and the ability to defend and enforce such intellectual property rights, the risk of failure of the third parties upon whom MediciNova relies to conduct its clinical trials and manufacture its product candidates to perform as expected, the risk of increased cost and delays due to delays in the commencement, enrollment, completion or analysis of clinical trials or significant issues regarding the adequacy of clinical trial designs or the execution of clinical trials, and the timing of expected filings with the regulatory authorities, MediciNova's collaborations with third parties, the availability of funds to complete product development plans and MediciNova's ability to obtain third party funding for programs and raise sufficient capital when needed, and the other risks and uncertainties described in MediciNova's filings with the Securities and Exchange Commission, including its annual report on Form 10-K for the year ended December 31, 2021 and its subsequent periodic reports on Form 10-Q and current reports on Form 8-K. Undue reliance should not be placed on these forward-looking statements, which speak only as of the date hereof. MediciNova disclaims any intent or obligation to revise or update these forward-looking statements.*

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