

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Lassen Therapeutics 1, Inc.

Petitioner

v.

Singapore Health Services PTE LTD., and

National University of Singapore

Patent Owner

CASE: Unassigned

Patent No. 10,106,603

PETITION FOR POST GRANT REVIEW

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PETITIONER'S EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 10,106,603 B2 (the '603 patent")
1002	Prosecution History of U.S. Patent No. 10,106,603 B2
1003	Declaration of Dr. Peter Bowers
1004	Declaration of Dr. Stephen Ledbetter
1005	U.S. Patent No. 8,182,814 B2 ("Baca")
1006	Victoria A. Barton et al., <i>Interleukin-11 Signals through the Formation of a Hexameric Receptor Complex</i> , 275 THE J. OF BIOLOGICAL CHEMISTRY 36197 (2000)
1007	Qingsheng Chen et al., <i>IL-11 Receptor α in the Pathogenesis of IL-13 Induced Inflammation and Remodeling</i> , 174 J. IMMUNOL 2305 (2005)
1008	U.S. Patent Publication No. 2014/0219919 A1 ("Edwards")
1009	Weiliang Tang et al., <i>Targeted Expression of IL-11 in the Murine Airway Causes Lymphocytic Inflammation, Bronchial Remodeling, and Airways Obstruction</i> , 98 THE J. OF CLINICAL INVESTIGATION 2845 (1996)
1010	Thomas A. Wynn, <i>Fibrotic Disease and the T_H1/T_H2 Paradigm</i> , 4 NATURE REVIEWS IMMUNOLOGY 583 (2004)
1011	U.S. Patent Publication No. 2018/0186872 A1 ("Cook")
1012	Xiaoyu Yang et al., <i>Developability studies before initiation of process development</i> , 5 MABS 787 (2013)
1013	Lukasz Opaliński et al., <i>High Affinity Promotes Internalization of Engineered Antibodies Targeting FGFR1</i> , 19 INT. J. MOL. SCI. 1435 (2018)

Exhibit No.	Description
1014	Ru Zhou & Rachel R. Caspi, <i>Ocular immune privilege</i> , F1000 BIOLOGY REPORTS (2010)
1015	Chrystel Blanc et al., <i>Monoclonal antibodies against the human interleukin-11 receptor alpha-chain (IL-11Rα) and their use in studies of human mononuclear cells</i> ; 241 J. OF IMMUNOLOGICAL METHODS 43 (2000)
1016	Bryan Briney et al., <i>Commonality despite exceptional diversity in the baseline human antibody repertoire</i> , NATURE www.nature.com/nature (2019)
1017	David J. Curtis et al., <i>Recombinant Soluble Interleukin-11 (IL-11) Receptor α-Chain Can Act as an IL-11 Antagonist</i> , 90 BLOOD 4403 (1997)
1018	Martin Friedlander, <i>Fibrosis and diseases of the eye</i> , 117 THE J. OF CLINICAL INVESTIGATION 576 (2007)
1019	Christoph Garbers et al., <i>Plasticity and cross-talk of Interleukin 6-type cytokines</i> , 23 CYTOKINE & GROWTH FACTOR REVIEWS 85 (2012)
1020	Simon A. Jones & Brendan J. Jenkins, <i>Recent insights into targeting the IL-6 cytokine family in inflammatory diseases and cancer</i> , 18 NATURE REVIEWS IMMUNOLOGY 773 (2018)
1021	Sujin Kang et al., <i>Therapeutic uses of anti-interleukin-6 receptor antibody</i> , 27 INT'L IMMUNOLOGY 21 (2014)
1022	Rishi Matadeen et al., <i>The Dynamics of Signal Triggering in a gp130-Receptor Complex</i> ; 15 STRUCTURE 441 (2007)
1023	Norihiro Nishimoto et al., <i>Toxicity, Pharmacokinetics, and Dose-Finding Study of Repetitive Treatment with the Humanized Anti-Interleukin 6 Receptor Antibody MRA in Rheumatoid Arthritis. Phase I/II Clinical Study</i> , 30 J. RHEUMATOL 1426 (2003)

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