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ELI LILLY AND COMPANY Petitioner,

V.

TEVA PHARMACEUTICALS INTERNATIONAL GMBH Patent Owner.

Case IPR2018-01425 U.S. Patent No. 9,890,210

TEVA PHARMACEUTICALS INTERNATIONAL GMBH'S UPDATED EXHIBIT LIST

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| Exhibit # | Description |
|-----------|--|
| 2001 | Edvinsson, L., "Calcitonin Gene-Related Peptide (CGRP) in Cerebrovascular Disease," <i>TheScientificWorldJOURNAL</i> , 2: 1484–90 (2002) |
| 2002 | Hasbak, P., et al., "Investigation of CGRP Receptors and Peptide Pharmacology in Human Coronary Arteries. Characterization with a Nonpeptide Antagonist," <i>The Journal of Pharmacology and</i> <i>Experimental Therapeutics</i> , 304:326–33 (2003) |
| 2003 | Brain, S. and Grant, A., "Vascular Actions of Calcitonin Gene-Related Peptide and Adrenomedullin," <i>Physiol Rev.</i> , 84: 903-34 (2004) |
| 2004 | Chiba, T., <i>et al.</i> , "Calcitonin gene-related peptide receptor antagonist human CGRP-(8-37)," <i>Am. J. Physiol.:Endocrin. & Metab.</i> , 19:E331-35 (1989) |
| 2005 | File History for U.S. Patent No. 8,597,649 B2 |
| 2006 | Gegg, Jr., C., <i>et al.</i> , "CGRP Peptide Antagonists And Conjugates," U.S. Patent No. 8,168,592 B2 (filed October 19, 2006; issued May 1, 2012) |
| 2007 | Escott, K. and Brain, S., "Effect of a calcitonin gene-related peptide antagonist (CGRP ₈₋₃₇) on skin vasodilatation and oedema induced by stimulation of the rat saphenous nerve," <i>Br. J. Pharmacol.</i> 110:772-76 (1993) |
| 2008 | Rist, B., <i>et al.</i> , "CGRP 27-37 analogues with high affinity to the CGRP ₁ receptor show antagonistic properties in a rat blood flow assay," <i>Regul. Pept.</i> 79:153-58 (1999) |
| 2009 | Edvinsson, L., "Blockade of CGRP receptors in the intracranial vasculature: a new target in the treatment of headache," <i>Cephalalgia</i> , 24:611-22 (2004) |
| 2010 | Goadsby, P., "Calcitonin Gene-Related Peptide Antagonists as Treatments of Migraine and Other Primary Headaches," <i>Drugs</i> , 65:2557-67 (2005) |
| 2011 | Supowit, S., <i>et al.</i> , "Calcitonin Gene-Related Peptide Protects Against Hypertension-Induced Heart and Kidney Damage," <i>Hypertension</i> , 45:109-14 (2005) |
| 2012 | Aiyar, N., et al., "Pharmacology of SB-273779, a Nonpeptide Calcitonin Gene-Related Peptide 1 Receptor Antagonist," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 296:768–75 (2001) |



| Exhibit # | Description |
|-----------|---|
| 2013 | Rudolf, K., et al., "Modified Aminoacids, Pharmaceuticals Containing |
| 2013 | These Compounds and Method for Their Production," U.S. Patent |
| | Application Publication No. 2003/0069231 A1 (filed April 10, 2002; |
| | published April 10, 2003) |
| 2014 | Patchett, A., <i>et al.</i> , "Benzimidazolinyl Piperidines as CGRP Ligands," |
| | U.S. Patent No. 6,552,043 B1 (filed September 22, 1999; issued April 22, |
| | 2003) |
| 2015 | Zimmer, O., et al., "Substituted Cyclopentene Compounds," U.S. Patent |
| | No. 7,109,214 B2 (filed November 19, 2004; issued September 19, 2006) |
| 2016 | Chaturvedula, P., et al., "Constrained Compounds as CGRP-Receptor |
| | Antagonists," U.S. Patent No. 7,384,930 B2 (filed October 11, 2005; |
| | issued June 10, 2008) |
| 2017 | Rudolf, K., et al., "Modified Aminoacids, Pharmaceuticals Containing |
| | These Compounds and Method for Their Production," U.S. Patent No. |
| | 6,344,449 B1 (filed September 8, 1997; issued February 5, 2002) |
| 2018 | Paone, D., et al., "CGRP Receptor Antagonists," U.S. Patent No. |
| | 7,772,224 B2 (filed April 3, 2009; issued August 10, 2010) |
| 2019 | Petersen, K., et al., "The CGRP-antagonist, BIBN4096BS does not affect |
| | cerebral or systemic haemodynamics in healthy volunteers," |
| 2020 | Cephalalgia, 25, 139–47 (2004) |
| 2020 | Leahy, D., et al., "Process For The Preparation of Cycloheptapyridine |
| | CGRP Receptor Antagonists," U.S. Patent No. 8,669,368 B2 (filed |
| 2021 | September 19, 2011; issued March 11, 2014) |
| 2021 | Clinical Trials for BIBN4096BS, downloaded from |
| | https://clinicaltrials.gov/ct2/results?cond=&term=bibn4096bs&cntry=& |
| 2022 | state=&city=&dist (last accessed November 5, 2018) |
| 2022 | Clinical Trials for MK-0974, downloaded from https://alinicaltrials.gov/at2/rasults2cond=8xtcrm=mk_00748xcntry=8xsta |
| | https://clinicaltrials.gov/ct2/results?cond=&term=mk-0974&cntry=&state=&city=&dist (last accessed on November 15, 2018) |
| 2023 | Clinical Trials for BMS-927711, downloaded from |
| 2023 | https://clinicaltrials.gov/ct2/results?cond=&term=BMS-927711&cntry= |
| | &state=&city=&dist (last accessed on November 5, 2018) |
| | estate eetry extist (last accessed on two ember 3, 2016) |



| Exhibit # | Description |
|-----------|---|
| 2024 | Zeller, J., et al., "Antagonist Antibodies Directed Against Calcitonin |
| | Gene-Related Peptide and Methods Using Same," U.S. Patent No. |
| | 8,007,794 B2 (filed November 2, 2006; issued August 30, 2011) |
| 2025 | Zeller, J., et al., "Methods of Using Anti-CGRP Antagonist Antibodies," |
| | U.S. Patent No. 8,586,045 B2 (filed July 11, 2011; issued November 19, |
| | 2013) |
| 2026 | Zeller, J., et al., "Antagonist Antibodies Directed Against Calcitonin |
| | Gene-Related Peptide and Methods Using Same," U.S. Patent No. |
| | 9,340,614 B2 (filed August 31, 2015; issued May 17, 2016) |
| 2027 | Zeller, J., et al., "Antagonist Antibodies Directed Against Calcitonin |
| | Gene-Related Peptide and Methods Using Same," U.S. Patent No. |
| | 9,266,951 B2 (filed August 31, 2015; issued February 23, 2016) |
| 2028 | Zeller, J., et al., "Antagonist Antibodies Directed Against Calcitonin |
| | Gene-Related Peptide and Methods Using Same," U.S. Patent No. |
| | 8,597,649 B2 (filed April 25, 2013; issued December 3, 2013) |
| 2029 | Zeller, J., et al., "Antagonist Antibodies Directed Against Calcitonin |
| | Gene-Related Peptide and Methods Using Same," U.S. Patent No. |
| | 9,346,881 B2 (filed August 31, 2015; issued May 24, 2016) |
| 2030 | Zeller, J., et al., "Antagonist Antibodies Directed Against Calcitonin |
| | Gene-Related Peptide," U.S. Patent No. 9,890,211 B2 (filed May 5, 2017; |
| | issued February 13, 2018) |
| 2031 | Zeller, J., et al., "Methods for Treating Headache Using Antagonist |
| | Antibodies Directed Against Calcitonin Gene-Related Peptide," U.S. |
| | Patent No. 9,884,907 B2 (filed May 5, 2017; issued February 6, 2018) |
| 2032 | Zeller, J., et al., "Methods for Treating Headache Using Antagonist |
| | Antibodies Directed Against Calcitonin Gene-Related Peptide," U.S. |
| | Patent No. 9,884,908 B2 (filed May 5, 2017; issued February 6, 2018) |
| 2033 | File History for U.S. Patent No. 8,007,794 B2 |
| 2034 | File History for U.S. Patent No. 8,586,045 B2 |
| 2035 | File History for U.S. Patent No. 8,734,802 B1 |
| 2036 | File History for U.S. Patent No. 9,115,194 B2 |
| 2037 | File History for U.S. Patent No. 9,328,168 B2 |
| 2038 | File History for U.S. Patent No. 9,346,881 B2 |
| 2039 | File History for U.S. Patent No. 9,266,951 B2 |



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| 2040 | <i>Description</i> File History for U.S. Patent No. 9,340,614 B2 |
| 2040 | File History for U.S. Patent No. 9,365,648 B1 |
| 2041 | File History for U.S. Patent No. 9,890,211 B2 |
| 2042 | File History for U.S. Patent No. 9,890,211 B2 |
| 2043 | File History for U.S. Patent No. 9,884,907 B2 |
| 2044 | File History for U.S. Patent No. 9,884,907 B2 |
| 2045 | Clinical Trials for BHV-3000, downloaded from |
| 2040 | https://clinicaltrials.gov/ct2/results?cond=&term=bhv-3000&cntry=&sta |
| | te=&city=&dist (last accessed on November 5, 2018) |
| 2047 | Alberts, B., et al., Molecular Biology of the Cell, p. G:34, 4 th ed., Garland |
| 2047 | Science, Taylor & Francis Group, New York (2002) |
| 2048 | John H. Byrne, Essential Medical Physiology, Chapter 6: |
| | Neuromuscular and Synaptic Transmission, pp. 97-122, (Leonard R. |
| | Johnson, ed.), 3 rd Ed., Elsevier Academic Press, Amsterdam (2003) |
| 2049 | Pisegna, J., et al., "Cloning And Characterization Of |
| | Calcitonin Gene Related Peptide Receptors," U.S. Patent Application |
| | Publication No. 2004/0110170 A1 (filed May 16, 2003; published June |
| | 10, 2004) |
| 2050 | Petition for <i>Inter Partes</i> Review of U.S. Patent No. 8,597,649, filed |
| | August 8, 2018 (IPR2018-01427) |
| 2051 | Intentionally left blank |
| 2052 | Inman, S., "Anti-CGRP Monoclonal Antibodies Transforming Migraine |
| | Treatment," (Oct. 22, 2018), NeurologyLive |
| | https://www.neurologylive.com/conferences/ana-2018/anticgrp-monocl |
| | onal-antibodies-transforming-migraine-treatment, (last visited May 20, |
| 20.52 | 2019) |
| 2053 | "Pain Like No Other," UCLA Health David Geffen School of Medicine |
| 2054 | 38(2): 18-25 (2018) |
| 2054 | Intentionally left blank |
| 2055 | Curriculum Vitae of Steven M. Foord, Ph.D. |
| 2056 | Hay, D.L., et al., "A comparison of the actions of BIBN4096BS and |
| | CGRP ₈₋₃₇ on CGRP and adrenomedullin receptors expressed on |
| | SK-N-MC, L6, Col 29 and Rat 2 cells," <i>British Journal of Pharmacology</i> |
| | 137(1): 80 - 86 (2002) |



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