

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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LUPIN LTD. and LUPIN PHARMACEUTICALS, INC.  
Petitioners,

v.

HORIZON THERAPEUTICS, LLC  
Patent Owner.

Case IPR2016-00829  
Patent 9,095,559 B2

**PETITIONERS' UPDATED EXHIBIT LIST**

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**List of Exhibits**

<b>Ex. No.</b>	<b>Description</b>
Ex. 1001	U.S. Patent No. 9,095,559 to Scharschmidt <i>et al.</i> (“’559 patent”)
Ex. 1002	Declaration of Keith Vaux, M.D.
Ex. 1003	<i>Curriculum vitae</i> of Keith Vaux, M.D.
Ex. 1004	Brusilow, <i>et al.</i> , <i>Treatment of Episodic Hyperammonemia in Children with Inborn Errors of Urea Synthesis</i> , 310 <i>The New England Journal of Medicine</i> , 1630-1634 (1984). (“ <i>Brusilow ’84</i> ”).
Ex. 1005	Simell, <i>et al.</i> , <i>Waste Nitrogen Excretion Via Amino Acid Acylation: Benzoate and Phenylacetate in Lysinuric Protein Intolerance</i> , 20 <i>Pediatric Research</i> , 1117-1121 (1986). (“ <i>Simell</i> ”).
Ex. 1006	Blau, Duran, Blaskovics, Gibson (editors), <i>Physician’s Guide to the Laboratory Diagnosis of Metabolic Diseases</i> , 261-276 (2d ed. 1996). (“ <i>Blau</i> ”).
Ex. 1007	U.S. Patent Publication No. 2010/0008859, filed January 7, 2009, published January 14, 2010. ( <i>the “’859 Publication</i> ”).
Ex. 1008	Scientific Discussion for Ammonaps, EMEA 2005, available at <a href="http://www.ema.europa.eu/docs/en_GB/document_library/EPAR_-">http://www.ema.europa.eu/docs/en_GB/document_library/EPAR_-</a>

	<p>_Scientific_Discussion/human/000219/WC500024748.pdf. <i>(“Scientific Discussion”).</i></p>
Ex. 1009	<p>Dixon, <i>et al.</i>, <i>Intercurrent Illness in Inborn Errors of Intermediary Metabolism</i>, 67 <i>Archives of Disease in Childhood</i>, 1387-1391 (1992). (<i>“Dixon”</i>).</p>
Ex. 1010	<p>UMass Memorial Laboratories, Lab Updates, February 2007, Measurement of Ammonia in Blood</p>
Ex. 1011	<p>Brusilow, <i>Phenylacetylglutamine May Replace Urea as a Vehicle for Waste Nitrogen Excretion</i>, 29 <i>Pediatric Research</i>, 147-150 (1991). (<i>“Brusilow ’91”</i>).</p>
Ex. 1012	<p>Yajima, <i>et al.</i>, <i>Diurnal Fluctuation of Blood Ammonia Levels in Adult-Type Citrullinemia</i>, 137 <i>Tohoku J. Exp. Med.</i>, 213-220 (1982). (<i>“Yajima”</i>).</p>
Ex. 1013	<p>Batshaw, <i>et al.</i>, <i>Treatment of Carbamyl Phosphate Synthetase Deficiency with Keto Analogues of Essential Amino Acids</i>, 292 <i>The New England J. Medicine</i>, 1085-1090 (1975). (<i>“Batshaw”</i>).</p>
Ex. 1014	<p>Kasumov, <i>et al.</i>, <i>New Secondary Metabolites of Phenylbutyrate in Humans and Rats</i>, 32 <i>Drug Metabolism and Disposition</i>, 10-19 (2004). (<i>“Kasumov”</i>).</p>

Ex. 1015	Barsotti, <i>Measurement of Ammonia in Blood</i> , 138 J Pediatrics, S11- S20 (2001). (“Barsotti”).
Ex. 1016	Berry, et al., <i>Long-term management of patients with urea cycle disorders</i> , Journal of Pediatrics, Vol. 138, No. 1, S56–S61 (2001). (“Berry”).
Ex. 1017	Levin, et al., <i>Hyperammonaemia A Variant Type of Deficiency of Liver Ornithine Transcarbamylase</i> , Arch. Dis. Childh., 1964, 44. 162 (1968).
Ex. 1018	Prosecution History of U.S. Patent No. 8,404,215.
Ex. 1019	Excerpt from Stedman’s Medical Dictionary (Lippincott Williams & Wilkins 2006).
Ex. 1020	Buphenyl <sup>®</sup> label, Physician’s Desk Reference, 60 <sup>th</sup> ed. (2006) at 3327-28.
Ex. 1021	Ammonul <sup>®</sup> label, Physician’s Desk Reference, 60 <sup>th</sup> ed. (2006) at 3323-26.
Ex. 1022	Prosecution History of U.S. Patent No. 9,095,559 (part 1 of 2).
Ex. 1023	Prosecution History of U.S. Patent No. 9,095,559 (part 2 of 2).
Ex. 1024	Affidavit of Robert V. Cerwinski In Support of Motion for <i>Pro Hac Vice</i> Admission.

Ex. 1025	The American Board of Pediatrics Content Outline, General Pediatrics
Ex. 1026	Deposition Transcript of Gregory Enns, M.D. in IPR2016-00829 (May 5, 2017)

Dated: May 12, 2017

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