UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
PAR PHARMACEUTICAL, INC.,
Petitioner
v.
HORIZON THERAPEUTICS, LLC,
Patent Owner
Case IPR2017-01768
Patent 9,095,559

## PATENT OWNER'S UPDATED EXHIBIT LIST



# Pursuant to 37 C.F.R. § 42.63 (e), the Patent Owner hereby provides an updated exhibit list:

Exhibit No.	Description
2001	RESERVED.
2002	Notice of Allowance dated June 18, 2015, Prosecution History of U.S. Patent No. 9,095,559.
2003	Dixon <i>et al.</i> , "Intercurrent Illness in Inborn Errors of Intermediary Metabolism," 67 <i>Archives of Disease in Childhood</i> , 1387-1391 (1992) ("Dixon").
2004	Rani H. Singh <i>et al.</i> , "Nutritional Management of Urea Cycle Disorders," <i>Crit. Care. Clin.</i> 21:S27-35 (2005). ("Singh").
2005	Portion of Par Pharmaceutical, Inc.'s Initial Invalidity Contentions and Non-Infringement Contentions for U.S. Pat. Nos. 8,404,215 and 8,642,012 (pgs. 16-22), <i>Hyperion Therapeutics, Inc. v. Par Pharmaceutical, Inc.</i> , C.A. No. 2:14-cv-00384 (JRG)(RSP) (E.D. Tex.)
2006	Declaration of Dr. Gregory M. Enns, M.D.
2007	Curriculum vitae of Dr. Gregory M. Enns, M.D.
2008	Ari Auron, Patrick D. Brophy, "Hyperammonemia in Review: Pathophysiology, Diagnosis, and Treatment," <i>Pediatric Nephrology</i> , 27:207-22 (2012). ("Auron").
2009	Mark L. Batshaw, <i>et al.</i> , "Alternative Pathway Therapy for Urea Cycle Disorders: Twenty Years Later," <i>J. Pediatrics</i> , 38:S46-S55 (2001). ("Batshaw").
2010	Nancy E. Maestri, et al., "Prospective Treatment of Urea Cycle Disorders," J. of Pediatrics, 119:923-28, no. 6 (1991). ("Maestri").



<ul> <li>Nancy E. Maestri, et al., "Plasma Glutamine Concentration: A Guide in the Management of Urea Cycle Disorders," J. Pediatrics, 121:259–61, no. 2 (1992). ("Maestri 1992").</li> <li>U.S. Patent Publication 2012/0022157 A1, filed August 27, 2009, published January 26, 2012. ("157 App").</li> <li>Mendel Tuchman &amp; Mark L. Batshaw, "Management of Inherited Disorders of Ureagenesis," The Endocrinologist 12:99–109, no. 2 (2002). ("Tuchman").</li> <li>Guoyao Wu, "Amino Acids: Metabolism, Functions, and Nutrition," Amino Acids 37:1–17 (2009). ("Wu").</li> <li>Alexander Broomfield &amp; Stephen Grunewald, "How to use Serum Ammonia," Archives of Disease in Childhood—Education and Practice 97:72–77 (2012). ("Broomfield").</li> <li>Fumio Endo, et al., "Clinical Manifestations of Inborn Errors of the Urea Cycle and Related Metabolic Disorders During Childhood," J. Nutrition 134:1605S–09S (2004). ("Endo").</li> <li>Gregory M. Enns, "Nitrogen Sparing Therapy Revisited 2009," Molecular Genetics and Metabolism 100:S65–S71 (2010). ("Enns 2010").</li> <li>Takhar Kasumov, et al., "New Secondary Metabolites of Phenylbutyrate in Humans and Rats," Drug Metabolism and Disposition, 32:10–19 (2004) ("Kasumov").</li> <li>Johannes Häberle, et al., "Suggested Guidelines for the Diagnosis and Management of Urea Cycle Disorders," Orphanet J. Rare Diseases, 7:32, 1–30 (2012). ("Häberle").</li> <li>Johannes Häberle, "Clinical Practice: The Management of Hyperammonemia," Eur. J. of Pediatrics 170:21–34 (2011). ("Häberle Clinical").</li> <li>J.V. Leonard &amp; A. A. M. Morris, "Urea Cycle Disorders," Seminars in Neonatology 7:27–35 (2002). ("Leonard 2002").</li> </ul>		
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2022	Ann-Kaisa Niemi & Gregory M. Enns, "Sodium Phenylacetate and Sodium Benzoate in the Treatment of Neonatal Hyperammonemia," <i>NeoReviews</i> , 7:e486–e95, no. 9 (2006). ("Niemi").
2023	Marshall Summar & Mendel Tuchman, "Proceedings of a Consensus Conference for the Management of Patients with Urea Cycle Disorders," <i>J. Pediatrics</i> , 138:S6–S10 (2001). ("Summar").
2024	Saul W. Brusilow & Nancy E. Maestri, "Urea Cycle Disorders: Diagnosis, Pathophysiology, and Therapy," <i>Advances in Pediatrics</i> 43:127–70 (1996). ("Brusilow 1996").
2025	Colloquium, "Consensus Statement from a Conference for the Management of Patients with Urea Cycle Disorders," <i>J. Pediatrics</i> , Supplement 1, 138:S1–S5 (2001). ("Consensus").
2026	"Specialties of Genetics," <i>Am. Board of Medical Genetics and Genomics</i> (last accessed Jan. 17, 2017), http://abmgg.org/pages/training_options.shtml. ("ABMGG")
2027	"About Us," <i>Urea Cycle Disorders Consortium</i> (last accessed Oct. 25, 2017), https://www.rarediseasesnetwork.org/cms/ucdc/About-Us.
2028	Gregory M. Enns, et al., "Survival After Treatment with Phenylacetate and Benzoate for Urea-Cycle Disorders," <i>The New England Journal of Medicine</i> 356:2282–92 (2007). ("Enns").
2029	Gregory M. Enns & Tina M. Cowan, "Hyperammonemia," in <i>Signs and Symptoms of Genetic Conditions: A Handbook</i> , ch. 18, 261–279 (Louanne Hudgins et al., eds., 2014). ("Enns 2014").
2030	Michael Msall, et al., "Neurologic Outcome in Children with Inborn Errors of Urea Synthesis," The New England Journal of Medicine 310:1500–1505 (1984). ("Msall").
2031	B.D. Cheson, <i>et al.</i> , "Novel Therapeutic Agents for the Treatment of Myelodysplastic Syndromes," in <i>Seminars in Oncology</i> , 27:560–77, no. 5 (John W. Yarbro, et al. eds., 2000). ("Cheson").



2032	Fernando Scaglia, et al., "Effect of Alternative Pathway Therapy on Branched Chain Amino Acid Metabolism in Urea Cycle Disorder Patients," <i>Molecular Genetics and Metabolism</i> , Supplement 1, 81:S79-S85 (2004). ("Scaglia").
2033	Saul W. Brusilow & Arthur L. Horwich, "Urea Cycle Enzymes," in <i>The Online Metabolic and Molecular Bases of Inherited Disease</i> , Ch. 85, pp. 1–89 (David Valle et al. eds., 2015). ("Brusilow Online").
2034	Marshall Summar, "Current Strategies for the Management of Neonatal Urea Cycle Disorders," <i>J. Pediatrics</i> 138:S30–S39 (2001). ("Summar 2001").
2035	Marshall L. Summar, et al., "The Incidence of Urea Cycle Disorders," Molecular Genetics and Metabolism 110:179–180 (2013). ("Summar 2013").
2036	Marshall L. Summar, <i>et al.</i> , "Diagnosis, Symptoms, Frequency and Mortality of 260 Patients with Urea Cycle Disorders from a 21-Year, Multicentre Study of Acute Hyperammonaemic Episodes," <i>Acta Paediatrica</i> 97:1420–25 (2008). ("Summar 2008").
2037	Bridget Wilcken, "Problems in the Management of Urea Cycle Disorders," <i>Molecular Genetics and Metabolism</i> 81:S86–S91 (2004). ("Wilcken").
2038	Information About FDA-Approved Drug, Buphenyl, http://www.accessdata.fda.gov/scripts/cder/daf/ (search Drug Name, Active Ingredient, or Application Number field for "020572", last accessed Feb. 9, 2017)
2039	Gregory M. Enns, "Neurologic Damage and Neurocognitive Dysfunction in Urea Cycle Disorders," <i>Seminars in Pediatric Neurology</i> , 15:132-139 (2008). ("Enns 2008").
2040	Ravicti® product insert, https://www.accessdata.fda.gov/drugsatfda_docs/label/2017/203284s 005lbl.pdf. ("Ravicti Label").
2041	RESERVED for Declaration of Robert F. Green In Response to Petitioner's Objections to Evidence.



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