

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PAR PHARMACEUTICAL, INC.,
Petitioner,

v.

HORIZON THERAPEUTICS, LLC,
Patent Owner.

Case No.: IPR2018-01550
U.S. Patent No. 9,561,197

**PETITIONER PAR PHARMACEUTICAL, INC.'S
UPDATED EXHIBIT LIST**

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Exhibit No.	Description
1001	Scharschmidt, B. and Mokhtarani, M., U.S. Patent No. 9,561,197 (filed Sept. 11, 2012; issued Feb. 7, 2017) (“the ’197 patent”)
1002	Declaration of Neal Sondheimer, M.D., Ph.D.
1003	<i>Curriculum Vitae</i> of Neal Sondheimer, M.D., Ph.D.
1004	Lee, B., <i>et al.</i> , <i>Phase 2 Comparison of a Novel Ammonia Scavenging Agent with Sodium Phenylbutyrate in Patients with Urea Cycle Disorders: Safety, Pharmacokinetics and Ammonia Control</i> , MOLECULAR GENETICS METABOLISM, 100: 221-28 (2010) (“Lee”)
1005	Praphanphoj, V., <i>et al.</i> , <i>Three Cases of Intravenous Sodium Benzoate and Sodium Phenylacetate Toxicity Occurring in the Treatment in the Treatment of Acute Hyperammonaemia</i> , J. INHERIT. METAB. DIS., 23: 129-36 (2000) (“Praphanphoj”)
1006	Thibault, A., <i>et al.</i> , <i>A Phase I and Pharmacokinetic Study of Intravenous Phenylacetate in Patients with Cancer</i> , CANCER RESEARCH, 54: 1690-94 (1994) (“Thibault”)
1007	Carducci, M.A., <i>et al.</i> , <i>A Phase I Clinical and Pharmacological Evaluation of Sodium Phenylbutyrate on an 120-h Infusion Schedule</i> , CLINICAL CANCER RESEARCH, 7: 3047-55 (2001) (“Carducci”)
1008	Msall, M., <i>et al.</i> , <i>Neurologic Outcome in Children with Inborn Errors of Urea Synthesis — Outcome of Urea-Cycle Enzymopathies</i> , NEW ENGLAND JOURNAL OF MEDICINE, 310: 1500-05 (1984)
1009	File History for U.S. Patent No. 9,561,197
1010	MacArthur, R.B., <i>et al.</i> , <i>Pharmacokinetics of Sodium Phenylacetate and Sodium Benzoate Following Intravenous Administration As Both a Bolus and Continuous Infusion to Healthy Adult Volunteers</i> , MOLECULAR GENETICS AND METABOLISM, 81: S67-S73 (2004)
1011	McGuire, B.M., <i>et al.</i> , <i>Pharmacology and Safety of Glycerol Phenylbutyrate in Healthy Adults and Adults with Cirrhosis</i> , HEPATOLOGY, 51: 2077-85 (2010)
1012	Buxton, I.L.O., <i>Goodman & Gilman’s: The Pharmacological Basis of Therapeutics</i> , 1-39 (L. Brunton et al., eds., 11th ed. 2006)
1013	Ravicti Product Label, Revised: Apr. 2017

Exhibit No.	Description
1014	Buphenyl Label, Revised: Apr. 2008
1015	Ammonul Label, Revised: Feb. 2005
1016	Center for Drug Evaluation and Research, NDA No. 203284, Summary Review
1017	Feillet, F. and Leonard, J.V., <i>Alternative Pathway Therapy for Urea Cycle Disorders</i> , J. INHER. METAB. DIS., 21: 101-11 (1998).
1018	Fernandes, J., <i>et al.</i> , <i>Inborn Metabolic Diseases Diagnosis and Treatment</i> , 214-222 (J. Fernandes et al., eds., 3d ed. 2000)
1019	Scientific Discussion for Ammonaps, EMEA, 1-12 (2005)
1020	Scharschmidt, B., U.S. Patent Appl. Pub. No. 2010/0008859 (filed Jan. 7, 2009; published Jan. 14, 2010)
1021	Scharschmidt, B., U.S. Patent Appl. Pub. No. 2012/0022157 (filed Aug. 27, 2009; published Jan. 26, 2012)
1022	Brusilow, <i>Phenylacetylglutamine May Replace Urea as a Vehicle for Waste Nitrogen Excretion</i> , PEDIATRIC RESEARCH, 29: 147-50 (1991)
1023	Brusilow, S.W., U.S. Patent No. 5,968,979 (filed Jan. 13, 1998; issued Oct. 19, 1999)
1024	Yang, D., <i>et al.</i> , <i>Assay of the Human Liver Citric Acid Cycle Probe Phenylacetylglutamine and of Phenylacetate in Plasma by Gas Chromatography-Mass Spectrometry</i> , ANALYTICAL BIOCHEMISTRY, 212: 277-82 (1993)
1025	Yamaguchi, M. and Nakamura, M., <i>Determination of Free and Total Phenylacetic Acid in Human and Rat Plasma by High-Performance Liquid Chromatography with Fluorescence Detection</i> , CHEM. PHARM. BULL., 35: 3740-45 (1987)
1026	Laryea, M.D., <i>et al.</i> , <i>Simultaneous LC-MS/MS Determination of Phenylbutyrate, Phenylacetate Benzoate and their Corresponding Metabolites Phenylacetylglutamine and Hippurate in Blood and Urine</i> , J. INHERITED METABOLIC DISEASES, 33: S321-S328 (2010)

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1027	Ravicti Orange Book Entry, <i>available at</i> https://www.accessdata.fda.gov/scripts/cder/ob/patent_info.cfm?Product_No=001&Appl_No=203284&Appl_type=N (last accessed June 19, 2018)
1028	PubChem Open Chemistry Database, Compound Summary for CID 999, Phenylacetic Acid, <i>available at</i> https://pubchem.ncbi.nlm.nih.gov/compound/phenylacetic_acid (last accessed August 16, 2018)
1029	PubChem Open Chemistry Database, Compound Summary for CID 92258, Phenylacetylglutamine, <i>available at</i> https://pubchem.ncbi.nlm.nih.gov/compound/Phenylacetylglutamine (last accessed August 16, 2018)
1030	Buphenyl Approval Information, <i>available at</i> https://www.accessdata.fda.gov/scripts/cder/daf/index.cfm?event=overview.process&ApplNo=020573 (last accessed August 16, 2018)
1031	Ammonul Approval Information, <i>available at</i> https://www.accessdata.fda.gov/scripts/cder/daf/index.cfm?event=overview.process&ApplNo=020645 (last accessed August 16, 2018)
1032	<i>Biochemistry</i> , 426-59 (Reginald H. Garrett & Charles M. Grisham, eds., 2nd ed. 1999)
1033	Affidavit of Christopher M. Gallo in Support of Petitioner's Motion to Accept Filing of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 9,561,197 on August 16, 2018 Under 37 C.F.R. § 42.6(b)
1034	August 16, 2018 Email from D. Silverstein to R. Green et al., re: <i>Inter Partes</i> Review of U.S. Patent No. 9,561,197
1035	August 16, 2018 Email from D. Silverstein to Trials@uspto.gov, re: <i>Inter Partes</i> Review of U.S. Patent No. 9,561,197
1036	FedEx proofs of delivery for service documents shipped August 16, 2018
1037	August 21, 2018 Email from A. Kellogg to D. Silverstein, re: <i>Inter Partes</i> Review of U.S. Patent No. 9,561,197

Exhibit No.	Description
1038	August 20, 2018 Email from D. Silverstein to R. Green et al., re: <i>Inter Partes</i> Review of U.S. Patent No. 9,561,197

Dated: August 21, 2018


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