UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

COALITION FOR AFFORDABLE DRUGS X LLC, Petitioner,

v.

ANACOR PHARMACEUTICALS, INC., Patent Owner.

> Case No.: IPR2015-01776 Patent No.: 7,582,621

PETITIONER'S UPDATED EXHIBIT LIST

DOCKET

| EXHIBIT | DESCRIPTION | FILED |
|----------|--|-------|
| Ex. 1001 | U.S. Patent No. 7,582,621 ("the '621 Patent") | |
| Ex. 1002 | Patent Cooperation Treaty Pub. No. WO 1995/033754 to Austin et al. (" <i>Austin</i> ") | |
| Ex. 1003 | U.S. Patent Pub. No. 2002/0165121 to Brehove ("Brehove") | |
| Ex. 1004 | Patent Cooperation Treaty Pub. No. WO 2003/009689 A1 to Freeman et al. (" <i>Freeman</i> ") | |
| Ex. 1005 | U.S. Patent No. 6,042,845 to Sun et al. ("Sun") | |
| Ex. 1006 | Declaration of Stephen Kahl, Ph.D. ("Kahl Decl.") | |
| Ex. 1007 | Curriculum Vitae of Stephen B. Kahl, Ph.D. | |
| Ex. 1008 | Declaration of S. Narasimha Murthy, Ph.D. ("Murthy Decl.") | |
| Ex. 1009 | Curriculum Vitae of S. Narasimha Murthy, Ph.D. | |
| Ex. 1010 | Prosecution History: U.S. Appl. No. 11/357,687 dated February 16, 2006 | |
| Ex. 1011 | Prosecution History: Response To Restriction Requirement dated June 6, 2008 | |
| Ex. 1012 | Prosecution History: Office Action dated August 26, 2008 | |
| Ex. 1013 | Prosecution History: Reply to First Office Action dated January 23, 2009 | |
| Ex. 1014 | Prosecution History: Notice of Allowance dated April 22, 2009 | |
| Ex. 1015 | Prosecution History Of Continuation Application: Response to Office Action dated May 18, 2009 | |
| Ex. 1016 | Prosecution History: Petition For Reconsideration Of Patent Term Adjustment Under 37 C.F.R. 1.705(d) dated September 25, 2009 | |
| Ex. 1017 | Prosecution History: Grant of Petition For Reconsideration Of Patent Term Adjustment Under 37 C.F.R. 1.705(d) dated April 23, 2010 | |
| Ex. 1018 | Prosecution History: Petition To Correct Inventorship Under 37 C.F.R. § 1.324 dated May 20, 2010 | |
| Ex. 1019 | Prosecution History: Grant Of Petition To Correct Inventorship Under 37 C.F.R. § 1.324 dated July 16, 2013 | |
| Ex. 1020 | U.S. Patent No. 2,831,866 to W.A. Freeman et al. ("the '866 Patent") | |

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2

Appendix of Exhibits Patent No. 7,582,621

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| EXHIBIT | DESCRIPTION | FILED |
|----------|--|-----------|
| Ex. 1021 | U.S. Patent No. 3,093,659 to Bell et al. (" <i>Bell</i> ") | |
| Ex. 1022 | U.S. Patent No. 3,297,525 to Grier ("Grier") | \square |
| Ex. 1023 | U.S. Patent No. 3,370,957 to Wagner et al (" <i>Wagner</i> ") | |
| Ex. 1024 | BioborJF® Specification Sheet (2015) | |
| Ex. 1025 | BioborJF® Material Safety Data Sheet (2004) | |
| Ex. 1026 | U.S. Patent No. 4,202,894 to Pfiffner (" <i>Pfiffner</i> ") | |
| Ex. 1027 | Michael P. Groziak, <i>Boron Therapeutics On The Horizon</i> , 8 AM. J. OF THERAPEUTICS 321-28 (2001) (" <i>Groziak</i> ") | |
| Ex. 1028 | Sudaxshina Murdan, <i>Drug Delivery to the Nail Following</i> <i>Topical Application</i> , 236 INT'L J. OF PHARM., 1-26 (2002) (" <i>Murdan</i> ") | |
| Ex. 1029 | U.S. Patent No. 4,822,822 to Arita et al. ("Arita") | |
| Ex. 1030 | Declaration of Ryan J. Fletcher ("Fletcher Decl.") | |
| Ex. 1031 | Kerydin® Prices, <i>available at</i> http://www.goodrx.com/kerydin | |
| Ex. 1032 | Q1 Medicare 2015 Kerydin® Price, <i>available at</i> http://www.q1medicare.com/PartD-2015MedicarePlan- RetailDrugPriceprint.php?stateReg=13MI&ndc=55724011 121&formulary=00015191&contractId=H2322&planId=00 &&segmentId=0&zipCountyCode=26115&cplanType=M& cletter=K&cmode=state | |
| Ex. 1033 | Declaration of Brent E. Routman in Support of Petitioner's Motion for Admission <i>Pro Hac Vice</i> | |
| Ex. 1034 | Declaration of Peter A. Gergely in Support of Petitioner's Motion for Admission <i>Pro Hac Vice</i> | |
| Ex. 1035 | Declaration of Ryan J. Fletcher in Support of Petitioner's Motion for Admission <i>Pro Hac Vice</i> | |
| Ex. 1036 | Supplemental Declaration of Ryan J. Fletcher | |
| Ex. 1037 | Biobor, R.E.D. Facts, EPA-738-R-93-004 (June 1993), http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=200009P5.P DF | |
| Ex. 1038 | Excerpts From The Certified Prosecution History For U.S. Patent No. 6,878,365, Including The MSDS Sheet For BioborJF® | |
| Ex. 1039 | Supplemental Declaration of Stephen Kahl, Ph.D. | |

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| Ex. 1040 | Supplemental Kerydin® Prices, <i>available at</i> http://www.goodrx.com/kerydin; http://www.goodrx.com/how-goodrx-works; http://www.goodrx.com/press | |
| Ex. 1041 | Q1 Medicare 2015 Kerydin® Price, <i>available at</i> https://q1medicare.com/PartD-2016MedicarePlan- RetailDrugPrice.php?ndc=10337090544&letter=K&formul ary=00016286&stateReg=13MI&contractId=H2322&planI d=008&segmentId=0#History; https://q1medicare.com/PartD-About-Us-About-Us-About- Us-About.php | |
| Ex. 1042 | Supplemental Declaration of S. Narasimha Murthy, Ph.D. | |
| Ex. 1043 | Declaration of Stephen Kahl, Ph.D., dated August 22, 2016 | |
| Ex. 1044 | Declaration of S. Narasimha Murthy, Ph.D., dated August 23, 2016 | |
| Ex. 1045 | Deposition Transcripts of Dr. Majella Lane dated July 7-8, 2016 | |
| Ex. 1046 | Deposition Transcripts of Dr. Mahmoud A. Ghannoum dated July 18-19, 2016 | |
| Ex. 1047 | Deposition Transcript of Dr. Howard Maibach dated July 13, 2016 | |
| Ex. 1048 | Deposition Transcripts of Dr. Paul J. Reider dated July 21- 22, 2016 | |
| Ex. 1049 | 12 <u>Progress in Heterocyclic Chemistry</u> , ch. 1, 1-21 (G.W. Gribble & T.L. Gilchrist eds., 1st ed., 2000) (Reider Dep. Ex. 5) | |
| Ex. 1050 | Ronald C. Wester et al., In Vivo Percutaneous Absorption of Boric Acid, Borax, and Disodium Octaborate Tetrahydrate in Humans Compared to in Vitro Absorption in Human Skin from Infinite and Finite Doses, 45 Toxicological Sci. 42-51 (1998) (Maibach Dep. Ex. 9) | |
| Ex. 1051 | Press Release, Anacor, Anacor Co-Founders Recognized for Scientific Achievements (June 10, 2009), available at http://investor.anacor.com/releasedetail.cfm?releaseid=527 603. | |

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5

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| EXHIBIT | DESCRIPTION | FILED |
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| Ex. 1052 | Patent Cooperation Treaty Pub. No. WO 2004/056322 A2 | |
| | to Ving Lee and Stephen Benkovic (Reider Dep. Ex. 9) | |
| Ex. 1053 | U.S. Patent App. Pub. No. 2004/0259833 A1 to Benkovic <i>et al.</i> | \square |
| Ex. 1054 | Susan A. Hubbard, Comparative Toxicology of Borates, 66 | \square |
| | Biological Trace Element Research, Proceedings of the | |
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| Ex. 1055 | U.S. Patent No. 7,465,836 to Lee <i>et al.</i> (" <i>Lee</i> ") (Reider Dep. Ex. 10) | |
| Ex. 1056 | Stephen J. Baker, Therapeutic Potential of Boron- | \square |
| | Containing Compounds, 1 Future Med. Chem. (7) 1275- 1288 (2009) (Reider Dep. Ex. 7) | |
| Ex. 1057 | Wenjie Li <i>et al.</i> , An Improved Protocol for the preparation | |
| | <i>of 3-Pyridyl- and Some Arylboronic Acids</i> , 67 J. Org. Chem. 5394-97 (2002) | |
| Ex. 1058 | Donald E. Garrett, <u>Borates Handbook of Deposits</u> , | |
| LA. 1038 | Processing, Properties, and Use, 333-429 (Academic Press, | |
| | 1998) | |
| Ex. 1059 | Stephen J. Baker <i>et al.</i> , <i>Boron-Containing Inhibitors of</i> | |
| LA: 1007 | Synthetases, 40 Chem. Soc. Rev. 4279-85 (2011) (Reider | |
| | Dep. Ex. 8) | |
| Ex. 1060 | Wengian Yang et al., Boronic Acid Compounds as | |
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| | No. 3, 346-68 (2003) | |
| Ex. 1061 | Ronald C. Wester et al., In Vivo Percutaneous Absorption | |
| | of Boron as Boric Acid, Borax, and Disodium Octaborate | |
| | Tetrahydrate in Humans: A Summary, 66 Biological Trace | |
| | Element Research, Proceedings of the Second Int'l | |
| | Symposium on the Health Effect of Boron and Its | |
| | Compounds 101-09 (Humana Press, 1998) | |
| Ex. 1062 | Patent Cooperation Treaty Pub. No. WO 2005/013892 A3 | \square |
| | to Lee <i>et al</i> . | |
| Ex. 1063 | Patent Cooperation Treaty Pub. No. WO 2007/095638 A3 | |
| | to Baker <i>et al</i> . | <u> </u> |
| Ex. 1064 | Certified U.S. Provisional App. No. 60/654,060 ("the '060 | |
| | Provisional") | |

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