

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PREOMICS GMBH AND BIOGNOSYS AG,
Petitioner,

v.

THE BRIGHAM AND WOMEN'S HOSPITAL, INC.,
Patent Owner.

IPR2024-01473
Patent 11,435,360

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 11,435,360
1002	File History of U.S. Patent No. 11,435,360 (<i>excerpts</i>)
1003	Declaration of Dr. Jessica Vargas
1004	<i>Curriculum Vitae</i> of Dr. Jessica Vargas
1005	Cai <i>et al.</i> , “Characterization of Carbon Nanotube Protein Corona by Using Quantitative Proteomics,” <i>Nanomedicine: Nanotechnology, Biology and Medicine</i> 9 (2013) 583-593, with its supplementary data (Table S2) (“Cai”)
1006	Walkey <i>et al.</i> , “Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles,” <i>ACS Nano</i> 8 (2014) 2439-2455 (“Walkey”)
1007	Zaccaria <i>et al.</i> , “Accessing to the Minor Proteome of Red Blood Cells Through the Influence of the Nanoparticle Surface Properties on the Corona Composition,” <i>International Journal of Nanomedicine</i> 10 (2015) 1869-1883, with its Supplemental Materials (“Zaccaria”)
1008	Hu <i>et al.</i> , “Nanoparticle Size Matters in the Formation of Plasma Protein Coronas on Fe ₃ O ₄ Nanoparticles,” <i>Colloids and Surfaces B: Biointerfaces</i> 121 (2014) 354-361, including Appendix A (Table S1) (“Hu”)
1009	Bryk <i>et al.</i> , “Quantitative Analysis of Human Red Blood Cell Proteome,” <i>Journal of Proteome Research</i> 16 (2017) 2752-2761, including supporting information (“Bryk”)

Exhibit No.	Description
1010	Hajipour <i>et al.</i> , “Personalized Protein Coronas: a “Key” Factor at the Nanobiointerface,” <i>Biomaterials Science</i> 2 (2014) 1210-1221 (“Hajipour”)
1011	U.S. Patent No. 10,866,242 (“Farokhzad”)
1012	Declaration of Nancy Adams
1013	<i>Curriculum Vitae</i> of Nancy Adams
1014	Nanjappa <i>et al.</i> , “Plasma Proteome Database as a Resource for Proteomics Research: 2014 Update,” <i>Nucleic Acids Research</i> 42 (2014) D959-D965 (“Nanjappa”)
1015	Ahmed, “Sample Preparation and Fractionation for Proteome Analysis and Cancer Biomarker Discovery by Mass Spectrometry,” <i>Journal of Separation Science</i> 32 (2009) 771-798 (“Ahmed”)
1016	Cao <i>et al.</i> , “Latent Transforming Growth Factor-Beta Binding Protein-1 in Circulating Plasma as a Novel Biomarker for Early Detection of Hepatocellular Carcinoma,” <i>International Journal of Clinical and Experimental Pathology</i> 8(12) (2015) 16046-16054 (“Cao”)
1017	U.S. Provisional Patent Application No. 62/435,409 (“the ’409 Provisional”)
1018	Ishihama <i>et al.</i> , “Exponentially Modified Protein Abundance Index (emPAI) for Estimation of Absolute Protein Amount in Proteomics by the Number of Sequenced Peptides per Protein,” <i>Molecular & Cellular Proteomics</i> 4.9 (2005) 1265-1272 (“Ishihama”)
1019	U.S. Patent No. 8,796,184 (“Chilkoti”)

Exhibit No.	Description
1020	Archival website for http://www.plasmaproteomedatabase.org/faq.html as of Feb. 19, 2015, <i>available at</i> https://web.archive.org/web/20150219211334/http://www.plasmaproteomedatabase.org/faq.html
1021	Dean, L. “Blood Groups and Red Cell Antigens,” Chapter 1: Blood and the cells it contains, Bethesda (MD): National Center for Biotechnology Information (US) (2005), <i>available at</i> https://www.ncbi.nlm.nih.gov/books/NBK2263/ .
1022	Norouzi, N. <i>et al.</i> , “Sorting cells by their density,” PLoS ONE, 12(7):e0180520 (2017) (“ <i>Norouzi</i> ”)
1023	Archival website for https://www.ncbi.nlm.nih.gov/books/NBK2261/ as of Mar. 20, 2014, <i>available at</i> https://web.archive.org/web/20140320071602/https://www.ncbi.nlm.nih.gov/books/NBK2261/
1024	Graves <i>et al.</i> , “Molecular Biologist's Guide to Proteomics,” <i>Microbiology and Molecular Biology Reviews</i> 66(1), (2002) 39-63 (“ <i>Graves</i> ”)
1025	Berg <i>et al.</i> , <i>Biochemistry, Sixth Edition</i> . W.H. Freeman and Company (2007) (<i>excerpts</i>) (“ <i>Berg</i> ”)
1026	McDonald <i>et al.</i> , “Shotgun Proteomics and Biomarker Discovery,” <i>Disease Markers</i> 18(2), (2002) 99-105 (“ <i>McDonald</i> ”)
1027	Aebersold <i>et al.</i> , “Mass Spectrometry-Based Proteomics,” <i>Nature</i> 422(6928), (2003) 198-207 (“ <i>Aebersold</i> ”)

Exhibit No.	Description
1028	Yates <i>et al.</i> , “Proteomics by Mass Spectrometry: Approaches, Advances, and Applications,” <i>Annual Review of Biomedical Engineering</i> 11(1) (2009) 49-79 (“Yates”)
1029	Feist <i>et al.</i> , “Proteomic Challenges: Sample Preparation Techniques for Microgram-Quantity Protein Analysis from Biological Samples,” <i>International Journal of Molecular Sciences</i> 16(2) (2015) 3537-3563 (“Feist”)
1030	Szabo <i>et al.</i> , “Challenges and Developments in Protein Identification Using Mass Spectrometry,” <i>Trends in Analytical Chemistry</i> 69 (2015) 76-87 (“Szabo”)
1031	Bantscheff <i>et al.</i> , “Quantitative Mass Spectrometry in Proteomics: A Critical Review,” <i>Analytical and Bioanalytical Chemistry</i> , 389 (2007) 1017-1031 (“Bantscheff”)
1032	Harris, D. <i>Quantitative Chemical Analysis, Seventh Edition</i> . W.H. Freeman and Company (2007) (<i>excerpts</i>)
1033	[<i>served not filed</i>] Second Declaration of Nancy Adams
1034	[<i>served not filed</i>] Declaration of Mina Ching
1035	Declaration of Stephen P. Bosco
1036	Deposition Transcript of Michael J. Cima, Ph.D.
1037	Dr. Ma Hongbao, “Hela Cells and Immortality,” <i>Cancer Biology</i> 2017;7(3)
1038	Anna MacDonald, “HeLa Cells: Key Discoveries & the Science of Their Immortality,” <i>Technology Networks</i>
1039	M. Islam et al., “A Review on Macroscale and Microscale Cell Lysis Methods,” <i>Micromachines</i> 2017, 8, 83
1040	Merriam-Webster’s Collegiate Dictionary, 11th Edition (2005), definition of “subset”

Exhibit No.	Description
1041	Notice of Allowance from U.S. App. No. 18/644,619 (annotated)
[<i>New</i>] 1042	Petitioners' Demonstrative Exhibit for Oral Argument

Respectfully submitted,

REICHMAN, JORGENSEN, LEHMAN &
FELDBERG LLP

Dated: January 13, 2026

/Patrick Colsher/
Patrick Colsher (Reg. No. 74,955)
Lead Counsel for Petitioner

CERTIFICATE OF SERVICE

I hereby certify that the foregoing Petitioner's Updated Exhibit List, along with Exhibit 1042, was served by email on Patent Owner's counsel of record:

Michael T. Rosato (mrosato@wsgr.com)

Jad A. Mills (jmills@wsgr.com)

Garrett T. Potter (gpotter@wsgr.com)

Michael T. Piery (michael.piery@quarles.com)

Matthew C. Holohan (matthew.holohan@quarles.com)

Respectfully submitted,

REICHMAN, JORGENSEN, LEHMAN &
FELDBERG LLP

Dated: January 13, 2026

/Patrick Colsher/
Patrick Colsher (Reg. No. 74,955)
Lead Counsel for Petitioner