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 (*excerpts*)
1003	Declaration of Dr. Jessica Vargas
1004	*Curriculum Vitae* of Dr. Jessica Vargas
1005	Cai *et al.*, "Characterization of Carbon Nanotube Protein Corona by Using Quantitative Proteomics," *Nanomedicine: Nanotechnology, Biology and Medicine* 9 (2013) 583-593, with its supplementary data (Table S2) ("*Cai*")
1006	Walkey *et al.*, "Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles," *ACS Nano* 8 (2014) 2439-2455 ("*Walkey*")
1007	Zaccaria *et al.*, "Accessing to the Minor Proteome of Red Blood Cells Through the Influence of the Nanoparticle Surface Properties on the Corona Composition," *International Journal of Nanomedicine* 10 (2015) 1869-1883, with its Supplemental Materials ("*Zaccaria*")
1008	Hu *et al.*, "Nanoparticle Size Matters in the Formation of Plasma Protein Coronas on Fe_3O_4 Nanoparticles," *Colloids and Surfaces B: Biointerfaces* 121 (2014) 354-361, including Appendix A (Table S1) ("*Hu*")
1009	Bryk *et al.*, "Quantitative Analysis of Human Red Blood Cell Proteome," *Journal of Proteome Research* 16 (2017) 2752-2761, including supporting information ("*Bryk*")

Exhibit No.	Description
1010	Hajipour *et al*., "Personalized Protein Coronas: a "Key" Factor at the Nanobiointerface," *Biomaterials Science* 2 (2014) 1210-1221 ("*Hajipour*")
1011	U.S. Patent No. 10,866,242 ("*Farokhzad*")
1012	Declaration of Nancy Adams
1013	*Curriculum Vitae* of Nancy Adams
1014	Nanjappa *et al*., "Plasma Proteome Database as a Resource for Proteomics Research: 2014 Update," *Nucleic Acids Research* 42 (2014) D959-D965 ("*Nanjappa*")
1015	Ahmed, "Sample Preparation and Fractionation for Proteome Analysis and Cancer Biomarker Discovery by Mass Spectrometry," *Journal of Separation Science* 32 (2009) 771-798 ("*Ahmed*")
1016	Cao *et al*., "Latent Transforming Growth Factor-Beta Binding Protein-1 in Circulating Plasma as a Novel Biomarker for Early Detection of Hepatocellular Carcinoma," *International Journal of Clinical and Experimental Pathology* 8(12) (2015) 16046-16054 ("*Cao*")
1017	U.S. Provisional Patent Application No. 62/435,409 ("the '409 Provisional")
1018	Ishihama *et al*., "Exponentially Modified Protein Abundance Index (emPAI) for Estimation of Absolute Protein Amount in Proteomics by the Number of Sequenced Peptides per Protein," *Molecular & Cellular Proteomics* 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, *available at* 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), *available at* https://www.ncbi.nlm.nih.gov/books/NBK2263/.
1022	Norouzi, N. *et al*., "Sorting cells by their density," PLoS ONE, 12(7):e0180520 (2017) ("*Norouzi*")
1023	Archival website for https://www.ncbi.nlm.nih.gov/books/NBK2261/ as of Mar. 20, 2014, *available at* https://web.archive.org/web/20140320071602/https://www.ncbi.nlm.nih.gov/books/NBK2261/
1024	Graves *et al*., "Molecular Biologist's Guide to Proteomics," *Microbiology and Molecular Biology Reviews 66*(1), (2002) 39-63 ("*Graves*")
1025	Berg *et al*., *Biochemistry, Sixth Edition*. W.H. Freeman and Company (2007) (*excerpts*) ("*Berg*")
1026	McDonald *et al*., "Shotgun Proteomics and Biomarker Discovery," *Disease Markers* 18(2), (2002) 99-105 ("*McDonald*")
1027	Aebersold *et al*., "Mass Spectrometry-Based Proteomics," *Nature* 422(6928), (2003) 198-207 ("*Aebersold*")

Exhibit No.	Description
1028	Yates *et al*., "Proteomics by Mass Spectrometry: Approaches, Advances, and Applications," *Annual Review of Biomedical Engineering* 11(1) (2009) 49-79 ("*Yates*")
1029	Feist *et al*., "Proteomic Challenges: Sample Preparation Techniques for Microgram-Quantity Protein Analysis from Biological Samples," *International Journal of Molecular Sciences* 16(2) (2015) 3537-3563 ("*Feist*")
1030	Szabo *et al*., "Challenges and Developments in Protein Identification Using Mass Spectrometry," *Trends in Analytical Chemistry* 69 (2015) 76-87 ("*Szabo*")
1031	Bantscheff *et al*., "Quantitative Mass Spectrometry in Proteomics: A Critical Review," *Analytical and Bioanalytical Chemistry*, 389 (2007) 1017-1031 ("*Bantscheff*")
1032	Harris, D. *Quantitative Chemical Analysis, Seventh Edition*. W.H. Freeman and Company (2007) (*excerpts*)
1033	[*served not filed*] Second Declaration of Nancy Adams
1034	[*served not filed*] Declaration of Mina Ching

Respectfully submitted,

REICHMAN, JORGENSEN, LEHMAN & FELDBERG LLP

Dated: May 14, 2025

/Patrick Colsher/
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CERTIFICATE OF SERVICE

I hereby certify that the foregoing Petitioner's Updated Exhibit List, along with Exhibits 1033 and 1034, was served by email on Patent Owner's counsel of record:

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