

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PREOMICS GMBH AND BIOGNOSYS AG.,
Petitioners,

v.

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

Case No. IPR2024-01473
Patent No. 11,435,360

PATENT OWNER'S UPDATED EXHIBIT LIST

EXHIBIT NO.	DESCRIPTION
2001	Marilena Hadjidemetriou et al., <i>In Vivo Biomolecule Corona around Blood-Circulating, Clinically Used and Antibody-Targeted Lipid Bilayer Nanoscale Vesicles</i> , 9(8) ACS NANO, 8142-8156 (2015).
2002	John E. Blume et al., <i>Rapid, deep and precise profiling of the plasma proteome with multi-nanoparticle protein corona</i> , 11 NATURE COMMUNICATIONS, 3662 (2020).
2003	Adam Bonislawski, <i>Seer Closes \$55M Funding Round</i> , GENOMEWEB, Jul. 22, 2020, available at https://web.archive.org/web/20240721111110/https://www.genomeweb.com/proteomics-protein-research/seer-closes-55m-funding-round#.Xxh18p5Kg2w
2004	<i>Omid Farokhzad</i> , LINKEDIN, www.linkedin.com/in/omidfarokhzad (last accessed Dec. 19, 2024).
2005	<i>Morteza Mahmoudi</i> , LINKEDIN, www.linkedin.com/in/morteza-mahmoudi-8b76636a (last accessed Dec. 19, 2024).
2006	<i>Claudia Corbo</i> , LINKEDIN, www.linkedin.com/in/claudia-corbo-2a298232 (last accessed Dec. 19, 2024).
2007	<i>Intentionally left blank</i>
2008	<i>Intentionally left blank</i>
2009	Summary of EX1007 (Zaccaria) SBF1 Entry
2010	Summary of EX1007 (Zaccaria) PIK3R4 Entry
2011	Summary of EX1009 (Bryk) SBF1 and PIK3R4 Entries
2012	Alexey I. Nesvizhskii, <i>A Survey of Computational Methods and Error Rate Estimation Procedures for Peptide and Protein</i>

	<i>Identification in Shotgun Proteomics</i> , 73 J. PROTEOMICS 2092-2123 (2010).
2013	Summary of EX1008 (Hu) LTBP Entry
2014	Summary of EX1007 (Zaccaria) “Other ACs” as alternative to O95248
2015	Summary of EX1007 (Zaccaria) “Other ACs” as alternative to A0JP11
2016	Shidbas Banerjee & Shyamalava Mazumdar, <i>Electrospray Ionization Mass Spectrometry: A Technique to Access the Information Beyond the Molecular Weight of the Analyte</i> , 2012 INT’L J. ANALYTICAL CHEMISTRY, Article ID 282574 1-40 (2012).
2017	Vinzenz Lange et al., <i>Selective reaction monitoring for quantitative proteomics: a tutorial</i> , 4(222) MOLECULAR SYSTEMS BIOLOGY 1-14 (2008).
2018	Dietrich A. Volmer & Lori Lee Jessome, <i>Ion Suppression: A Major Concern in Mass Spectrometry</i> , 24(5) LCGC NORTH AM. 498-510, available at https://www.chromatographyonline.com/view/ion-suppression-major-concern-mass-spectrometry
2019	Jianru Stahl-Zeng et al., <i>High Sensitivity Detection of Plasma Proteins by Multiple Reaction Monitoring of N-Glycosites</i> , 6(10) MOLECULAR & CELLULAR PROTEOMICS 1809-1817 (2007).
2020	Hasmik Keshishian et al., <i>Quantitative, Multiplexed Assays for Low Abundance Proteins in Plasma by Targeted Mass Spectrometry and Stable Isotope Dilution</i> , 6(12) MOLECULAR & CELLULAR PROTEOMICS 2212-2229 (2007).
2021	Gert Lubec & Leila Afjehi-Sadat, <i>Limitations and Pitfalls in Protein Identification by Mass Spectrometry</i> , 107 CHEMICAL REVIEWS 3568-3584 (2007).
2022	Deposition Transcript of Dr. J. Vargas

2023	Declaration of Dr. M. Cima
2024	Curriculum Vitae of Dr. M. Cima
2025	DONALD VOET, JUDITH G. VOET & CHARLOTTE W. PRATT, FUNDAMENTALS OF BIOCHEMISTRY: LIFE AT THE MOLECULAR LEVEL Section 6-4 (2nd ed. 2006)
2026	Henry H. Heng, <i>HeLa Genome Versus Donor's Genome</i> , 501 NATURE 167 (2013).
2027	Q14766-4, PEPTIDEATLAS, https://db.systemsbiology.net/sbeams/cgi/PeptideAtlas/GetProtein?atlas_build_id=559&protein_name=Q14766-4&action=QUERY (last visited September 21, 2025).
2028	DONALD VOET, JUDITH G. VOET & CHARLOTTE W. PRATT, FUNDAMENTALS OF BIOCHEMISTRY: LIFE AT THE MOLECULAR LEVEL Section 19-1 (2nd ed. 2006)
2029	CRC HANDBOOK OF CHEMISTRY AND PHYSICS: A READY- REFERENCE BOOK OF CHEMICAL AND PHYSICAL DATA, 7-1 (David R. Lide ed., 72nd ed. 1991).
2030	Henry H. Heng, <i>HeLa Genome Versus Donor's Genome</i> , 501 NATURE 167 (2013) (SERVED NOT FILED).
2031	Patent Owner's Demonstratives

Date: January 13, 2026

/ Michael T. Rosato /

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CERTIFICATE OF SERVICE

The undersigned certifies that the foregoing Patent Owner's Updated Exhibit List and Exhibit 2031 were served on January 13, 2026 at the following electronic service addresses:

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