

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

XENCOR, INC.,
Petitioner

v.

MERUS N.V.,
Patent Owner

Case IPR2025-00605
Patent No. 11,926,859

PETITIONER'S CURRENT LIST OF EXHIBITS

LIST OF EXHIBITS

| Exhibit | Document | Previously Submitted |
|---------|---|----------------------|
| EX1001 | U.S. Patent No. 11,926,859 to De Kruif <i>et al.</i> (“the ’859 patent”) | X |
| EX1002 | Declaration of Leonard G. Presta, Ph.D. | X |
| EX1003 | Curriculum Vitae of Leonard G. Presta, Ph.D. | X |
| EX1004 | U.S. Patent Application Publication No. US 2011/0054151 A1 to Lazar <i>et al.</i> (“Lazar”) | X |
| EX1005 | International Patent Application Publication No. WO 2012/058768 A1 to Cabrera <i>et al.</i> (“Cabrera”) | X |
| EX1006 | International Patent Application Publication No. WO 1998/050431 A2 to Arathoon <i>et al.</i> (“Arathoon”) | X |
| EX1007 | International Patent Application Publication No. WO 2009/089004 A1 to Kannan <i>et al.</i> (“Kannan”) | X |
| EX1008 | File History for U.S. Patent No. 9,358,286 | X |
| EX1009 | <i>Reserved</i> | X |
| EX1010 | Georges Köhler & César Milstein, <i>Continuous culture of fused cells secreting antibody of predefined specificity</i> , NATURE, Aug. 7, 1975, 256(5517), at 495-497 | X |
| EX1011 | <i>Excerpts from</i> Kenneth Murphy <i>et al.</i> , <i>Janeway’s Immunobiology</i> (7th ed. 2008) | X |
| EX1012 | Gunasekaran Kannan <i>et al.</i> , <i>Enhancing Antibody Fc Heterodimer Formation through Electrostatic Steering Effects</i> , J. BIOLOGICAL CHEM., 285(25), 19637-19646 (2010) (“Gunasekaran”) | X |

| Exhibit | Document | Previously Submitted |
|----------------|---|-----------------------------|
| EX1013 | Roland Kontermann, <i>Dual targeting strategies with bispecific antibodies</i> , MABS, 4(2), 182-197 (2012) | X |
| EX1014 | <i>Reserved</i> | X |
| EX1015 | John Ridgway <i>et al.</i> , “Knobs-into-holes” engineering of antibody CH3 domains for heavy chain heterodimerization, PROTEIN ENGINEERING, 9(7), 617-621 (1996) | X |
| EX1016 | Ameurfina Santos & Eduardo Padlan, <i>Development of More Efficacious Antibodies for Medical Therapy and Diagnosis</i> , PROGRESS IN NUCLEIC ACID RESEARCH AND MOLECULAR BIOLOGY, 1998:60, 169-194 (1998) | X |
| EX1017 | A. Margaret Merchant <i>et al.</i> , <i>An efficient route to human bispecific IgG</i> , NATURE BIOTECH., 167(7), 677-81 (1998) | X |
| EX1018 | Maria A. Angela <i>et al.</i> , <i>Effects of engineering charged amino acids in the CH3 domains on antibody heavy chain dimerization</i> , PHILIPPINE SCI. LETTERS, 4(1), 48-55 (2011) (“Diaz”) | X |
| EX1019 | U.S. Provisional Patent Application No. 61/019,569 | X |
| EX1020 | U.S. Provisional Patent Application No. 61/120,305 | X |
| EX1021 | U.S. Patent No. 5,731,168 to Carter <i>et al.</i> | X |
| EX1022 | <i>Reserved</i> | |
| EX1023 | Tae Kyung Kim & James Eberwine, <i>Mammalian cell transfection: the present and the future</i> , ANALYTICAL AND BIOANALYTICAL CHEM., 397(8), 3173-3178 (2010) | X |
| EX1024 | Hui F. Liu <i>et al.</i> , <i>Recovery and purification process development for monoclonal antibody production</i> , MABS, 2(5), 480-499 (2010) | X |

| Exhibit | Document | Previously Submitted |
|----------------|--|-----------------------------|
| EX1025 | <i>Reserved</i> | |
| EX1026 | <i>Excerpts from Jan-Christer Janson & Lars Rydén, Protein Purification (2nd ed. 1998)</i> | X |
| EX1027 | Jonathan Marvin & Zhenping Zhu, <i>Recombinant approaches to IgG-like bispecific antibodies</i> , ACTA PHARMACOLOGICA SINICA, 26(6), 649-658 (2005) | X |
| EX1028 | <i>Reserved</i> | |
| EX1029 | File History for U.S. Patent No. 11,926,859 | X |
| EX1030 | U.S. Provisional Patent Application No. 61/635,935 (“the ’935 provisional”) | X |
| EX1031 | U.S. Patent Application No. 16/934,925 | X |
| EX1032 | U.S. Patent Application No. 16/417,379 | X |
| EX1033 | U.S. Patent Application No. 15/155,743 | X |
| EX1034 | U.S. Patent Application No. 14/081,848 | X |
| EX1035 | U.S. Patent Application No. 13/866,747 | X |
| EX1036 | U.S. Patent No. 10,472,427 to Desjarlais <i>et al.</i> (“ <i>Desjarlais</i> ”) | X |
| EX1037 | U.S. Provisional Patent Application No. 61/780,310 | X |
| EX1038 | Gregory L. Moore <i>et al.</i> , <i>A Robust Heterodimeric Fc platform engineered for efficient development of bispecific antibodies of Multiple Formats</i> , METHODS, 154, 38-50 (2018) (“ <i>Moore</i> ”) | X |
| EX1039 | <i>Reserved</i> | |

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|----------------|--|-----------------------------|
| EX1040 | John R. Birch & Andrew J. Racher, <i>Antibody production</i> , ADVANCED DRUG DELIVERY REVIEWS, 58(5-6), 671-685 (2006) | X |
| EX1041 | Florian M. Wurm, <i>Production of recombinant protein therapeutics in cultivated mammalian cells</i> , NATURE BIOTECH., 22(11), 1393-1398 (2004) | X |
| EX1042 | <i>Excerpts from Bruce Alberts et al., Molecular Biology of the Cell</i> (5th ed 2008) | X |
| EX1043 | <i>Monoclonal Antibody</i> , National Cancer Institute, https://www.cancer.gov/sites/g/files/xnrzdm211/files/styles/cgov_enlarged/public/cgov_image/media_image/2019-12/Monoclonal-antibodies-illustration.gif (last visited Feb. 7, 2025) | X |
| EX1044 | <i>Reserved</i> | |
| EX1045 | Prosecution History for U.S. Patent Application No. 13/866,747 – Application Data Sheet Dated Apr. 19, 2013. | X |
| EX1046 | <i>United States District Courts – National Judicial Caseload File</i> , https://www.uscourts.gov/sites/default/files/2024-12/fcms_na_distprofile0930.2024.pdf (last visited Feb. 7, 2025) | X |
| EX1047 | <i>Interim Procedure for Discretionary Denials in AIA Post-Grant Proceedings With Parallel District Court Litigation</i> , https://www.uspto.gov/sites/default/files/documents/interim_proc_discretionary_denials_aia_parallel_district_court_litigation_memo_20220621_.pdf (last visited Feb. 7, 2025) | X |

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| EX1048 | Docket Sheet, <i>Merus N.V. v. Xencor, Inc.</i> , Civil Action No. 24-913-CFC (D. Del.) | X |
| EX1049 | Hongcheng Liu & Kimberly May, <i>Disulfide bond structures of IgG molecules</i> , MABS, 4(1), 17-23 (2012) | X |
| EX1050 | Bibliographic Data, U.S. Patent Application No. 13/866,747, Patent Center, USPTO | X |
| EX1051 | <i>Reserved</i> | |
| EX1052 | <i>Merus N.V. v. Xencor, Inc.</i> , D.I. 1 (D. Del. Aug. 5, 2024) (“Complaint”) | |
| EX1053 | Docket Sheet, <i>Merus N.V. v. Xencor, Inc.</i> , Civil Action No. 24-913-JCB (D. Del.) (updated June 27, 2025) | |
| EX1054 | <i>Merus N.V. v. Xencor, Inc.</i> , Civil Action No. 24-913-JCB, D.I. 13 (D. Del. Oct. 10, 2024) (Defendant Xencor, Inc.’s Opening Brief in Support of Its Motion to Dismiss Pursuant To Federal Rule of Civil Procedure 12(b)(6)) (“Motion to Dismiss”), | |
| EX1055 | <i>Docket Navigator – Motion Success Statistics – Motions to Stay Pending IPR in the District of Delaware</i> , retrieved June 27, 2025 | |
| EX1056 | <i>United States District Courts – National Judicial Caseload File</i> , https://www.uscourts.gov/sites/default/files/document/cms_na_distprofile0331.2025.pdf (last visited June 25, 2025) | |
| EX1057 | Case scheduling orders from Civil Action Nos. 6:24-cv-00263 (D.I. 40), 6:19-cv-00133 (D.I. 28), 1:24-cv-00620 (D.I. 21), 1:24-cv-00507 (D.I. 31), and 1:23-cv-00772 (D.I. 55) | |

| Exhibit | Document | Previously Submitted |
|----------------|---|-----------------------------|
| EX1058 | Email correspondence dated April 30, 2025 (<i>Sotera Stipulation</i>) | |
| EX1059 | <i>Reserved</i> | |
| EX1060 | <i>Reserved</i> | |
| EX1061 | File History for U.S. Patent No. 10,472,427 | |

Respectfully submitted,

Dated: June 30, 2025

By: /Naveen Modi/
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CERTIFICATE OF SERVICE

I hereby certify that on June 30, 2025, I caused a true and correct copy of the foregoing Petitioner's Current List of Exhibits to be served via email on Patent Owner at the following addresses:

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