

Curriculum Vitae

Name: David Stephen Pisetsky, M.D., Ph.D.

Date and Place of Birth: December 6, 1945, Eugene, Oregon

Citizenship: United States

Marital Status: Married: 1970
Spouse: Dr. Ingrid Buhler Pisetsky
Children: Michael Andrew Buhler
Emily Margot Noll

Education:

1967	B.A. <i>magna cum laude</i> , Harvard College, Cambridge, MA
1972	Ph.D. Albert Einstein College of Medicine, Bronx, NY
1973	M.D. Albert Einstein College of Medicine, Bronx, NY

Brief Chronology of Employment:

1973-1974	Intern, Medicine, Yale-New Haven Hospital, New Haven, CT
1974-1975	Resident, Medicine, Yale-New Haven Hospital, New Haven, CT
1975-1977	Clinical Associate, Immunology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD
1977-1978	Investigator, Immunology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD
1978-2018	Chief, Section of Rheumatology, Durham VA Hospital, Durham, NC
1978-1983	Assistant Professor of Medicine, Duke University Medical Center, Durham, NC
1980-1994	Assistant Professor of Immunology, Duke University Medical Center, Durham, NC
1984-1990	Associate Professor of Medicine, Duke University Medical Center, Durham, NC
1985-1991	Associate Chief of Staff for Education, Durham VA Hospital, Durham, NC
1990-present	Professor of Medicine, Duke University Medical Center, Durham, NC
1993-1998	Co-Director, Duke University Arthritis Center
1994-present	Professor of Immunology, Duke University Medical Center, Durham, NC
1996-2007	Chief, Division of Rheumatology and Immunology, Duke University Medical Center
2019-present	Staff Physician, Section of Rheumatology, Durham VA Hospital, Durham, NC
2019-present	Associate Vice Chair of Academic Affairs, Department of Medicine, Duke University Medical Center, Durham, NC

Accreditations and Societies:

1976	Diplomat, American Board of Internal Medicine
1978	American Association of Immunology
1979	American Federation of Clinical Research
1979	American Rheumatism Association
1983	American Society of Clinical Investigation

1991

Association of American Physicians

Medical Licensure: North Carolina

Editorial Boards: Journal of Immunology, 1984-88
Arthritis and Rheumatism, 1985-90
EOS, Journal of Immunology and Immunopharmacology, 1986-
Section Editor, Journal of Immunology, 1995-2000
Clinical and Experimental Immunology, 1996-2000
Clinical Immunology and Immunopathology, 1996-2001
Yearbook of Rheumatology, 1997-2000
Modern Rheumatology, 2005-
Autoimmunity Reviews, 2005-
Scandinavian Journal of Immunology, 2006-
Autoantibody Editor, Arthritis Research and Therapy, 2006-
Associate Editor, Annals of Rheumatic Diseases 2012-
Member, Editorial Advisory Board, UpToDate 2019-

Editorship: Arthritis and Rheumatism, 2000-2005
Jointandbone.org, 2005-2006
The Rheumatologist, 2006-2011

Committees: Arthritis Foundation Research Grants Review Committee, 1981-83
Program Committee, ARA Meeting, 1983-88
Chairman, Cellular Immunology Section, ARA Meeting, 1988
North Carolina State Arthritis Committee Advisor, 1980-81
North Carolina Chapter Arthritis Foundation Medical Advisory
Budget Committee, 1980-81
VA Merit Review Board, Immunology Section, 1985-88
Chairman, VA Merit Review Board, Immunology Board, 1987-88
Member, Arthritis Foundation Fellowship Subcommittee, 1987-90
Ad Hoc, Member, NIH IMS Study Section, 1988
Member, NIH IMS Study Section, 1989-1992
Member, Arthritis Foundation Research Committee, 1989-1995
Chairman, Arthritis Foundation Fellowship Subcommittee, 1989-90
Vice Chairman, Arthritis Foundation Research Committee, 1991-1992
Member, Medical Planning Committee, Arthritis Society of Canada, 1990-92
Member, Professional Meetings Committee, American College of
Rheumatology, 1991-1994
Member, House of Delegates, Arthritis Foundation, 1992-94
Member, Arthritis Foundation Finance Committee, 1992-1993
Trustee, Arthritis Foundation, 1992-1994
Chairman, Arthritis Foundation Research Committee, 1993-1995
Chairman, NIH SLE SCOR Grant Review, 1993
Member, Planning Committee, NIAMS Workshop on Chronic Pain,
Pain Control and Patient Outcomes in Rheumatoid Arthritis and
Osteoarthritis, 1993
ACR Council on Research, 1993-95
ACR Organizational Review Committee, 1994-95

Member, Arthritis Foundation Financial Development Committee, 1994-95
 Medical Advisor, Arthritis Foundation, 1993-
 Medical Advisory Board, *Arthritis Today*, 1995-
 Co-organizer, CIS Symposium on Autoimmunity, 1995-96
 Editorial Review Panel, *Time Life Medical*, 1995-96
 Chairman, ACR Professional Meetings Committee, 1995-97
 Vice Chairman, Arthritis Foundation Chapter Operations Committee, 1995-96
 Member, Arthritis Foundation Blue Ribbon Committee on Research, 1996
 Member, NIAMS Center Group II, 1996-97
 Invited Participant. American Academy of Microbiology "Scientific
 Future of Genetic Immunizations", 1996
 Reviewer, NIAMS Sabbatical Program, 1996
 Site visit, Laboratory of Immunoregulation CBER, FDA, 1996
 Board of Directors, American College of Rheumatology, 1996-1999
 Editorial Board, Arthritis Foundation, 1997-
 Board of Directors, ACR Research and Education Foundation, 1997-98
 Chairman, NIH SLE SCOR Review, 1997
 Member, ACR Blue Ribbon Committee on Academic Rheumatology, 1997-98
 Molecular Immunology Study Section, Arthritis Foundation, 1997-1998
 Co-Chairman, NIH RA SCOR Review, 1998
 Invited Participant, Lupus Summit, 1999
 Chairman, NIAMS Special Emphasis Panel Meeting, 1999
 Scientific Executive Committee, Alliance for Lupus Research, 2000-2001
 Counselor, Clinical Immunology Society, 2000-2001
 International Advisory Board, European Workshop for Rheumatology Research,
 2001-2002
 Organizer, Global Arthritis Research Network Meeting, 2002
 Chairman, Protocol Evaluation Committee, LCTC, 2004-2005
 Site Visit Review, Laboratory of Retroviral Research and Laboratory of Immuno-
 Regulation, SBER, FDA, 2005
 Site Visit Review, Experimental Immunology Branch, NCI, 2005
 Committee on Nominations and Appointments, American College Rheumatology,
 2005-2006
 Steering Committee, 5th GARN Symposium, Vienna, 2005
 Scientific Committee, European League Against Rheumatism, 2006-
 Grant Review Committee, Lupus Research Institute, 2006-
 Grant Review Committee, ALR Pilot Grant Program, 2006-
 International Evaluation of Center for Gender Medicine, Karolinska Institutet,
 Sweden, 2007
 NIH ACTS Study Section Ad Hoc Member, 2008
 Co-Chair Grant Review Lupus Research Institute, 2007
 External Advisory Committee, Mary Kirkland Center for Lupus Research, 2009
 Board of Directors, Lupus Clinical Trial Consortium, 2009-
 Invited Speaker Bone and Joint Decade Global Network Conference, 2009
 American College of Rheumatology, Pain Management Task Force, 2009-
 International Advisory Board, 7th International Congress of Autoimmunity, 2010
 Alliance for Lupus Research Functional Genomic and Molecular Pathways, Grant
 Review, 2010
 NIH ACTS Study Section, 2010-2014
 Invited Participant at NIAMS Roundtable on Pre-Clinical Disease Phase of Skin &
 Rheumatic Autoimmune Disease, 2010

Panel Member for FDA Gastrointestinal Drugs Advisory Committee, 2010
Panel Member for FDA Arthritis Drugs Advisory Committee, 2010
Co-Chair, US Bone and Joint Initiative Musculoskeletal Summit, 2011 and 2013
Vice-President, US Bone and Joint Initiative, 2014-2015
President, US Bone and Joint Initiative, 2015-2017
FDA Arthritis Advisory Committee 2019-present

Awards: Arthritis Foundation—Devil's Bag Research Award, 1985-88
Philip Hench Award, 1994
Finalist, Creative Writing Contest, *Journal of General Internal Medicine*, 1998
Honorable Mention, Creative Writing Contest, *Journal of General Internal Medicine*, 2000
GAMMA Silver Award, Magazine Association of Georgia, 2001
Arthritis Foundation- Lee C. Howley Sr. Prize for Arthritis Research, 2001
GAMMA Gold Award, Magazine Association of Georgia, 2005
Bronze Award, American Society of Healthcare Publication Editors, 2010
Master of American College of Rheumatology, 2011
APEX Award, Magapaper & Newspaper Writing, 2012
American College of Rheumatology, Presidential Gold Medal award, 2016

Lectures: Simon Dworkin Lecture, 1994
Ogryzlo Day Lectureship, 1998
Erlangen Rheumatology Day Lectureship, 2001
Merrill Lectureship, Tufts University, 2001
Christian and Klemperer Lectureships, Hospital for Special Surgery, 2003
Goldstein Lectureship, NYU, 2004
Thomas Lectureship, VCU, 2005
Visiting Professor, Karolinska Institutet, 2006
Visiting Professor and Hartl Symposium Lecturer, University of Regensburg, 2007
Visiting Professor, UniversitätsSpital Zürich, 2007
Knowles Lecture, Arthritis Foundation of North California, 2008
Wallace Epstein Visiting Professor, University of California, San Francisco, 2009
Visiting Professor, University of California, San Diego, 2009
Invited Speaker Bone and Joint Decade Global Network Conference, 2009
Walter Bauer Visiting Professor, Massachusetts General Hospital, 2010
Invited Speaker, Anti-dsDNA Antibody Workshop, Norway, 2010
Visiting Professor, Brown University Medical School, 2010
Invited Speaker at NIH Pain & Musculoskeletal Disease Disorders Symposium, 2010
Invited Speaker and Session Chair, 9th International Congress on Systemic Lupus Erythematosus, 2010
Visiting Professor, University of Texas at Houston, 2011
Visiting Professor, Center for Gender Medicine, Karolinska Insitutet, 2011
Invited Speaker, University of Tromso, Norway, 2011
Invited Speaker, ACR Rheumatology Research Conference, 2011
Invited Speaker, 2012 Autoimmunity Congress, Granada, Spain, 2012
Invited Speaker, Temple University School of Medicine, Philadelphia, PA, 2012
Invited Speaker, 4th International Forum on RA, Beijing, China, 2012
Distinguished Lectureship, Florida Hospital, Orlando, FL, 2012

Invited Speaker, Mayo Clinic Department of Immunology, 2012
Invited Speaker, University of Pittsburgh Division of Rheumatology, 2012
Visiting Professor, University of Colorado, 2012
Visiting Professor, Northwestern University, 2012
Invited Speaker, Advances in Targeted Therapies, France, 2013
Invited Speaker, 10th International Congress on SLE, Argentina, 2013
Invited Speaker, EULAR, Madrid, 2013
Invited Speaker, Merinoff World Congress, Feinstein Institute for Medical Research, 2013
Invited Speaker, American College of Rheumatology, San Diego, CA, 2013
Invited Speaker, 2013 Semmelweiss Symposium, Budapest, Hungary, 2013
Invited Speaker for DIA/FDA Oligonucleotide-Based Therapeutic Conference, Washington, DC, 2013
Visiting Professor, Ohio State University School of Medicine, Ohio, 2013
Visiting Professor, University of Massachusetts, 2014
Visiting Professor, University of Virginia, 2014
David Trentham Visiting Professor in Rheumatology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, 2015.
Invited Speaker, BJD World Summit, Oslo, Norway, 2015.
Invited Speaker, Georgia Institute of Technology, 2016
Kroc Visiting Professor, Washington University, 2016
Invited Speaker, Peter Schur Symposium, Boston, 2016
Invited Speaker, Beth Israel Deaconess Medical Center, Boston, 2016
Invited Speaker, NYU Langone Seminar in Advanced Rheumatology, 2017
Invited Speaker, Workshop-Autoimmunity to Chromatin, Tromso, Norway, 2017
Invited Speaker, Lupus Academy, Lisbon, Portugal, 2017
Invited Speaker/Visiting Professor, 4th Annual Graciela S. Alarcon MD, MPH Lecture, University of Alabama, Birmingham, AL, 2017
Invited Speaker, Washington DC Rheumatology Fellows Forum, 2017
Invited Speaker, EULAR, Madrid, 2017
Invited Speaker/Visiting Professor, University of Texas Health Science Center, San Antonio, March 2018
Invited Speaker/Visiting Professor, Medical University of South Carolina, Charleston, April 2018
Invited Speaker/Visiting Professor, University of North Carolina, Chapel Hill, April 2018
Invited Speaker, Association of Medical Laboratory Immunologist, Scottsdale, Arizona, August 2018
Invited Speaker, American College of Clinical Pharmacology, Bethesda, Maryland, September 2018
Invited speaker, NIEHS, Research Triangle Park, NC, September 2018
Invited Speaker, American College of Rheumatology, Aspen, Colorado, February 2019
Invited Speaker, Congress on Controversies in Rheumatology, Florence, Italy, March 2019
Invited Speaker, Advances in Targeted Therapies, Palma, Spain, March 2019
Invited Speaker, Leon M. Kochman Memorial Lecture, University of Maryland, September 2020
Invited Speaker, BWH Rheum Grand Rounds, January 2021
Invited Speaker, NYLangone, April 2021

Invited Speaker, Mass General Brigham and Womens Rheumatology
Grand Rounds, January 2021
Invited Speaker, American College of Clinical Pharmacology, February
2021

University and Medical Center Committees:

Faculty Hearing Committee 1992-
Medical Center Awards Committee, 1997-
Medical Center APT Committee, 2003-2010
Standing Committee Scientific Misconduct, 2005-
Chair, Department of Medicine APT Committee, 2010-
Faculty Member, Duke Residency Professional Development Coaching
Program, 2016-

Publications 1972-Present

1. **Pisetsky DS**, Terry TM. Are mycoplasma membrane proteins affected by variations in membrane fatty acid composition? *Biochem Biophys Acta* 274:95-104, 1972. PMID: 5044067.
2. Abramson MB, **Pisetsky DS**. Thermal-turbidimetric studies of membranes from *Acholeplasma laidlawii*. *Biochem Biophys Acta* 282:80-84, 1972. PMID: 5070088.
3. **Pisetsky DS**, Berkower I., Wickner R., Hurwitz J. Role of ATP in DNA synthesis in *Escherichia coli*. *J Mol Biol* 71:557-71, 1972. PMID: 4567466.
4. Sachs DH, Berzofsky JA, Fathman, CG, **Pisetsky DS**, Schechter AN, Schwartz RH. The immune response to staphylococcal nuclease: a probe of cellular and humoral antigen specific receptors. *Cold Spring Symp Quant Biol* XLI:295-306, 1977. PMID: 70312.
5. Fathman CG, **Pisetsky DS**, Sachs DH. Genetic control of the immune response to nuclease. V. Genetic linkage and strain distribution of anti-nuclease idiotypes. *J Exp Med* 145:569-77, 1977. PMID: 233902. PMCID: PMC2180713.
6. **Pisetsky DS**, Sachs DH. The genetic control of the immune response to staphylococcal nuclease. VI. Recombination between genes determining the A/J anti-nuclease idiomorph and the heavy chain allotype locus. *J Exp Med* 146:1603-12, 1977. PMID: 411875. PMCID: PMC2181916.
7. Sachs DH, Berzofsky JA, **Pisetsky DS**, Schwartz RH. Genetic control of the immune response to staphylococcal nuclease. *Springer Sem Immunopathol* 1:51-83, 1978.
8. **Pisetsky DS**, Berzofsky JA, Sachs DH. The genetic control of the immune response to staphylococcal nuclease. VII. Role of non-H-2-linked genes in the control of the anti-nuclease antibody response. *J Exp Med* 147:396-408, 1978.

9. Berzofsky JA, **Pisetsky DS**, Schwartz RH, Schechter AN, Sachs DH. 1978. Genetic control of the immune response to staphylococcal nuclease in mice. In *Immunobiology of Protein and Peptides I*. M.Z. Atassi and A.B. Stavitsky, eds. Plenum Publishing Corp.
10. **Pisetsky DS**, Sachs DH. The genetic control of the immune response to staphylococcal nuclease. VIII. Mapping of genes for antibodies to different antigenic regions of nuclease. *J Exp Med* 147:1517-25, 1978. PMID: 77307. PMCID: PMC2184273.
11. **Pisetsky DS**, Riordan SE, Sachs DH. The genetic control of the immune response to staphylococcal nuclease. IX. Recombination between genes determining BALB/c antinuclease idiotypes and the heavy chain allotype locus. *J Immunol* 122:842-46, 1979. PMID: 109505.
12. **Pisetsky DS**, McCarty GA, Peters DV. Mechanisms of autoantibody production in autoimmune MRL mice. *J Exp Med* 152:1302-10, 1980. PMID: 7430950. PMCID: PMC2185992.
13. **Pisetsky DS**, Peters DV. A simple enzyme-linked immunosorbent assay for antibodies to native DNA. *J Immunol Methods* 41:187-200, 1981. PMID: 7021686.
14. Santoro TJ, Scott DW, **Pisetsky DS**. The induction of tolerance and suppression in autoimmune MRL mice using hapten-modified self. *J Immunol* 127:690-93, 1981. PMID: 7252156.
15. Berzofsky JA, **Pisetsky DS**, Killion DJ, Hicks G, Sachs DH. Ir genes of different high responder haplotypes for staphylococcal nuclease are not allelic. *J Immunol* 127:2453-55, 1981. PMID: 6795275.
16. McCarty GA, Rice JR, Fetter BF, **Pisetsky DS**. Lymphocytic lymphoma and systemic lupus erythematosus. Their coexistence with antibody to the Sm antigen. *Arch Pathol Lab Med* 106:196-99, 1982. PMID: 6175291.
17. **Pisetsky DS**, Caster SA. Binding specificity of a monoclonal anti-DNA antibody. *Mol Immunol* 19:645-50, 1982. PMID: 7110140.
18. **Pisetsky DS**, Caster SA, Roths JB, Murphy ED. Lpr gene control of the anti-DNA antibody response. *J Immunol* 128:2322-25, 1982. PMID: 6801136.
19. McCarty GA, Bembe MB, Rice JR, **Pisetsky DS**. Independent expression of autoantibodies in systemic lupus erythematosus. *J Rheumatol* 9:691-95, 1982. PMID: 6983576.
20. **Pisetsky DS**, Lerner EA. Idiotypic analysis of a monoclonal anti-Sm antibody. *J Immunol* 129:1489-92, 1982. PMID: 6180012.
21. **Pisetsky DS**, Caster SA. B cell repertoire for autoantibodies: Frequency of precursors for anti-DNA antibodies. *Cell Immunol* 72:294-305, 1982. PMID: 6983913.
22. **Pisetsky DS**, Rice JR. 1982. Clinical Immunology and Rheumatology. In *Review of Internal Medicine*. L.H. Smith, Jr. and J.B. Wyngarnden, eds. 2nd Ed., W.B. Saunders Co, Philadelphia, 241-258.

23. **Pisetsky DS.** Specificity and idiotype analysis of a monoclonal anti-DNA antibody. *Clin Immunol Immunopathol* 27:348-56, 1983. PMID: 6191903.
24. **Pisetsky DS,** Lerner EA, Caster SA. Idiotypic crossreaction between MRL autoantibodies and a BALB/c myeloma. *Mol Immunol* 70:615-21, 1983. PMID: 6877245.
25. **Pisetsky DS,** Caster SA, Steinberg AD. Influence of *xid* on anti-DNA precursors. *Cell Immunol* 78:326-32, 1983. PMID: 6602656.
26. **Pisetsky DS.** 1983. Murine hybridomas producing autoantibodies from MRL mice. In *Autoimmunity probed by monoclonal antibodies*. G.S. Eisenbarth and B. F. Haynes, eds. Academic Press 153-72.
27. **Pisetsky DS.** Treatment of arthritis in the elderly. *Drug Therapy* 13:47-56, 1983.
28. **Pisetsky DS,** Caster SA, Piper M, Scott DS, Steinberg AD. Cloning of B cells from autoimmune MRL mice. *Cell Immunol* 84:32-40, 1984. PMID: 6607779.
29. Warren RW, Roths JB, Murphy ED, **Pisetsky DS.** Mechanisms of polyclonal B cell activation in autoimmune B6-*lpr/lpr* mice. *Cell Immunol* 84:22-31, 1984. PMID: 6199122.
30. **Pisetsky DS,** Caster SA. Idiotypic crossreaction between MRL monoclonal antibodies of different autoantibody specificity. *Clin Immunol Immunopath* 30:461-68, 1984. PMID: 6199145.
31. Warren RW, Caster SA, Roths JB, Murphy ED, **Pisetsky DS.** The influence of the *lpr* gene on B cell activation: differential antibody expression in *lpr* congenic mouse strains. *Clin Immunol Immunopath* 31:65-77, 1984. PMID: 6607806.
32. Warren RW, Sailstad DM, Caster SA, Pisetsky DS. Specificity analysis of monoclonal anti-DNA antibodies from B6-*lpr/lpr* mice. *Arthritis Rheum* 27:545-51, 1984. PMID: 6721887.
33. Pisetsky DS, Sailstad DM, Chambers J. Characterization and idiotypic analysis of a monoclonal anti-RNP antibody. *Clin Exp Immunol* 56:593-600, 1984. PMID: 6744662. PMID: PMC1536011.
34. Warren RW, Pisetsky DS. Monoclonal rheumatoid factors from B6-*lpr/lpr* mice. *Clin Exp Immunol* 58:731-36, 1984. PMID: 6509801.
35. Pisetsky DS, Semper KF, Eisenberg RA. Idiotypic analysis of a monoclonal anti-Sm antibody II. Strain distribution of a common idiotypic determinant and its relationship to anti-Sm expression. *J Immunol* 133:2085-89, 1984. PMID: 6206150.
36. Pisetsky DS, Semper KF. The influence of assay conditions on ELISA determinations of anti-DNA antibodies. *J Immunol Methods* 74:217-27, 1984. PMID: 6209337.
37. Pisetsky DS, Henderson A, Hudson N, Velez R. Remittive care for rheumatoid arthritis in the V.A.: Challenges and problems. *VA Practitioner* 1 46-9, 1984.

38. Pisetsky DS. Hybridoma SLE autoantibodies: Insights for the pathogenesis of autoimmune disease. *Clin Immunol Rev* 3:169-239, 1984. PMID: 6084573.
39. Mayus JL, Pisetsky DS. Expression of a highly conserved anti-DNA idiotype in normal and autoimmune mice. *Clin Immunol Immunopathol* 34:366-78, 1985. PMID: 2578910.
40. Monroe JG, Cambier JC, Mody EA, Pisetsky DS. Hyper-Ia antigen expression on B cells from B6-*lpr/lpr* mice correlates with manifestations of the autoimmune state. *Clin Immunol Immunopathol* 34:124-29, 1985. PMID: 2578910.
41. Eisenberg RA, Pisetsky DS, Cohen PL. Antinuclear antibodies and nuclear antigens in NZB myeloma ascitic fluids. *Clin Immunol Immunopathol* 35:337-45, 1985. PMID: 3872756.
42. Jones FS, Pisetsky DS, Kurlander RJ. Defects in mononuclear phagocytic system (MPS) function in autoimmune MRL-*lpr/lpr* mice. *Clin Immunol Immunopathol* 36:30-9, 1985. PMID: 3874027.
43. Mayus JL, Semper KF, Pisetsky DS. Inhibition of *in vitro* anti-DNA B cell responses by cyclosporine. *Cell Immunol* 94:195-204, 1985. PMID: 3874703.
44. Pisetsky DS, Klatt C, Dawson D, Roths JB. The influence of *Yaa* on anti-DNA responses of B6-*lpr* mice. *Clin Immunol Immunopathol* 37:369-76, 1985. PMID: 3931946.
45. Pisetsky DS, Hoch SO, Klatt CL, O'Donnell MA, Keene JD. Specificity and idiotypic relationships of a monoclonal anti-Sm antibody with anti-DNA activity. *J Immunol* 135:4080-85, 1985. PMID: 3877763.
46. Cohen PL, Shores EW, Eisenberg RA, Pisetsky DS. Anti-Sm autoantibodies in MRL mice: Analysis of precursors. *Cell Immunol* 96:448-54, 1985. PMID: 3879807.
47. Pisetsky DS. Systemic lupus erythematosus. *Med Clin N America* 70:337-53, 1986. PMID: 3512930.
48. Pisetsky DS, Haughton G. Cyclosporine inhibition of a murine B cell tumor. *Clin Exp Immunol* 63:549-554, 1986. PMID: 3486733. PMCID: PMC1577546.
49. Jones FS, Pisetsky DS, Kurlander RJ. Clearance of a monoclonal anti-DNA antibody following administration of DNA in normal and autoimmune mice. *Clin. Immunol Immunopathol* 39:44-60, 1986. PMID: 3948437.
50. Lucas KJ, Karounos DG, Ellis GJ, Morris MA, Pisetsky DS, Feinglos MN. The intravenous insulin tolerance test in Type I diabetes. *Res Comm Chem Path Pharm* 53:331-45, 1986. PMID: 3534980.
51. Pisetsky DS, O'Donnell MA. 1986 Idiotypic analysis of murine monoclonal anti-Sm antibodies. In *Idiotypes*. M. Reichlin and J.D. Capra, eds. Academic Press 289-300.

52. Emlen, W, Pisetsky DS, Taylor RP. Antibodies to DNA: a perspective. *Arthritis Rheum* 29:1417-26, 1986. PMID: 3541943.
53. Pisetsky DS. 1986 The influence of cyclosporine on murine anti-DNA B cells. In *Biologically Based Immunomodulators in the Therapy of Rheumatic Diseases*. S.H. Pincus, D.S. Pisetsky and L.J. Rosenwasser, eds. Elsevier 153-59.
54. Pisetsky DS. Prospects for antibody therapy of rheumatologic disease. *Ibid.* 171-6, 1986.
55. Monestier M, Manheimer-Lory A, Bellon B, Painter C, Dang H, Talal N, Zanetti M, Schwartz R, Pisetsky DS, Kuppers R, Rose N, Brochier J, Klareskog L, Holmdahl R, Erlanger B, Alt F, Bona C. Shared idiotypes and restricted VH genes characterize murine autoantibodies of various specificities. *J Clin Invest* 78:753-59, 1986. PMID: 2427543. PMCID: PMC423668.
56. Darwin BS, Grudier JP, Klatt CL, Pisetsky DS. IgG antinuclear autoantibodies with crossreactive rheumatoid factor activity. *J Immunol* 137:3796-3801, 1986. PMID: 3782796.
57. Karounos DG, Pisetsky DS. Specificity analysis of monoclonal anti-DNA antibodies. *Immunol* 60:497-501, 1987. PMID: 3495481. PMCID: PMC1453275.
58. Pisetsky DS. Mechanisms of autoantibody production. *EOS* 7:53-9, 1987.
59. Gorelick MH, Bishop GA, Haughton G, Pisetsky DS. Cyclosporine inhibition of CH series murine B cell lymphomas. *Cell Immunol* 107:219-26, 1987. PMID: 3495347.
60. Pisetsky DS, Klatt C, Pincus S. Characterization of monoclonal antibodies with specificity for DNA and the synthetic polypeptide antigen (T,G)-A--L. *Mol Immunol* 24:365-69, 1987. PMID: 3498882.
61. Dang-Vu AP, Pisetsky DS, Weinberg JB. Functional alterations of macrophages in autoimmune MRL-*lpr/lpr* mice. *J Immunol* 138:1757-61, 1987. PMID: 3102599.
62. Laster AJ, Pisetsky DS, Haynes BF. Polyspecific reactivity of a murine monoclonal antibody that binds to nuclear matrix-associated, chromatin-bound antigens. *Clin Immunol Immunopathol* 44:187-205, 1987. PMID: 3301102.
63. Dresser M, Pisetsky DS, Warren R, McCarty G, Moses M. A new method for the cytological analysis of autoantibody specificities using whole-mount, surface-spread meiotic nuclei. *J Immunol Meth* 104:111-21, 1987. PMID: 3316391.
64. Shlomchik MJ, Aucoin AH, Pisetsky DS, Weigert MG. The structure and function of anti-DNA autoantibodies derived from a single autoimmune mouse. *Proc Natl Acad Sci U S A* 84:9150-54, 1987. PMID: 3480535. PMCID: PMC299710.
65. Pisetsky DS. Mechanisms of antinuclear antibody production in the rheumatic diseases. *Rheum Dis Clin N Amer* 13:569-81, 1987. PMID: 3324206.

66. Pisetsky DS. Inhibition of *in vitro* NZB antibody responses by cyclosporine. *Clin Exp Immunol* 71:155-58, 1988. PMID: 3258202. PMCID: PMC1541629.
67. Karounos DG, Grudier JP, Pisetsky DS. Spontaneous expression of antibodies to DNA of various species origin in sera of normals and patients with SLE. *J Immunol* 140:451-55, 1988. PMID: 3257238.
68. Shores EW, Pisetsky DS, Grudier JP, Eisenberg RA, Cohen PL. Immunization with the Sm nuclear antigen induces anti-Sm antibodies in normal and MRL mice. *Immunol* 65:473-78, 1988. PMID: 3264813. PMCID: PMC1385489.
69. Shergy WJ, Polisson RP, Caldwell DS, Rice JR, Pisetsky DS, Allen NB. Methotrexate-associated hepatotoxicity: Retrospective analysis of 210 patients with rheumatoid arthritis. *Am J Med* 85:771-74, 1988. PMID: 3195601.
70. St. Clair EW, Pisetsky DS, Reich CF, Chambers JC, Keene JD. Quantitative immunoassay of anti-La antibodies using purified recombinant La antigen. *Arthritis Rheum* 31:506-14, 1988. PMID: 3128988.
71. Pisetsky DS. Mechanisms of anti-DNA production in human and murine SLE. *In Vivo* 2:31-4, 1988. PMID: 2979813.
72. Shergy WJ, Kredich DW, Pisetsky DS. The relationship of anticardiolipin antibodies to disease manifestations in pediatric systemic lupus erythematosus. *J Rheum* 15:1389-94, 1988. PMID: 3264338.
73. St. Clair EW, Pisetsky DS, Reich CF, Keene JD. Analysis of autoantibody binding to different regions of the human La antigen expressed in recombinant fusion proteins. *J Immunol* 141:4173-80, 1988. PMID: 2461985.
74. Pisetsky DS. The role of anti-DNA antibodies in systemic lupus erythematosus. *Clin Aspects Autoimmun* 2:8-15, 1988.
75. Gilkeson GS, Grudier JP, Karounos DG, Pisetsky DS. Induction of anti-dsDNA antibodies in normal mice by immunization with bacterial DNA. *J Immunol* 142:1482-86, 1989. PMID: 2645362.
76. Gilkeson GS, Grudier JP, Pisetsky DS. The antibody response of normal mice to immunization with single-stranded DNA of various species origin. *Clin Immunol Immunopathol* 51:362-71, 1989. PMID: 2785884.
77. Ward MM, Pisetsky DS, Christenson VD. Anti-double stranded DNA antibody assays in systemic lupus erythematosus: correlations of longitudinal antibody measurements. *J Rheum* 16:609-613, 1989. PMID: 2666655.
78. Shergy WJ, Kredich DW, Pisetsky DS. Patterns of autoantibody expression in pediatric and adult systemic lupus erythematosus. *J Rheum* 18:1329-34, 1989. PMID: 2810258.
79. Gilkeson GS, Ruiz P, Grudier JP, Kurlander RJ, Pisetsky DS. Genetic control of inflammatory arthritis in congenic *lpr* mice. *Clin Immunol Immunopathol* 53:460-74, 1989. PMID: 2805451.

80. Pisetsky DS, Grudier JP. Polyspecific binding of *E. coli* β -galactosidase by murine antibodies to DNA. *J Immunol* 143:3609-13, 1989. PMID: 2511245.
81. Eisenberg RA, Craven SY, Fisher CL, Morris SC, Rapoport R, Pisetsky DS, Cohen PL. The genetics of autoantibody production in MRL/lpr lupus mice. *Clin Exp Rheum* 3:35-40, 1989. PMID: 2514059.
82. St. Clair EW, Talal N, Moutsopoulos HM, Keene JD, Pisetsky DS. Epitope specificity of anti-La antibodies from patients with Sjogren's syndrome. *J Autoimmun* 2:335-44, 1989. PMID: 2477000.
83. Pisetsky DS. Mechanisms of antinuclear antibody expression in connective tissue disease. *Autoimmunity Forum—Rheumatology* 1:2-4, 1989.
84. Eisenberg RA, Pisetsky DS, Craven S, Grudier JP, O'Donnell MA, Cohen PL. Regulation of the anti-Sm autoantibody response in systemic lupus erythematosus mice by monoclonal antibodies. *J Clin Invest* 85:86-92, 1990. PMID: 2295704. PMCID: PMC296390.
85. Pisetsky DS, Grudier JP, Gilkeson GS. A role for immunogenic DNA in the pathogenesis of systemic lupus erythematosus. *Arthritis Rheum* 33:153-59, 1990. PMID: 2407246.
86. St. Clair EW, Burch JA, Ward MM, Keene JD, Pisetsky DS. Temporal correlation of antibody responses to different epitopes of the human La autoantigen. *J Clin Invest* 85:515-21, 1990. PMID: 1688887. PMCID: PMC296453.
87. Pisetsky DS, Jelinek DF, McAnally LM, Reich CF, Lipsky PE. *In vitro* autoantibody production by normal adult and cord blood B cells. *J Clin Invest* 85:899-905, 1990. PMID: 2138166. PMCID: PMC296508.
88. St. Clair EW, Query CC, Bentley R, Keene JD, Polisson RP, Allen NB, Caldwell DS, Rice JR, Cox C, Pisetsky DS. Expression of autoantibodies to recombinant (U1) RNP-associated 70K antigen in systemic lupus erythematosus. *Clin Immunol Immunopathol* 54:266-80, 1990. PMID: 2104788.
89. Shlomchik M, Mascelli M, Shan H, Pisetsky DS, Marshak-Rothstein A, Weigert M. Anti-DNA antibodies from autoimmune mice arise by clonal expansion and somatic mutation. *J Exp Med* 171:265-92, 1990. PMID: 2104919. PMCID: PMC2187662.
90. Currie MS, Vala M, Pisetsky DS, Greenberg CS, Crawford J, Cohen HJ. Correlation between erythrocyte CRI reduction and other blood proteinase markers in patients with malignant and inflammatory disorders. *Blood* 75:1699-1704, 1990. PMID: 2158365.
91. St. Clair EW, Kenan D, Burch J, Keene JD, Pisetsky DS. Fine specificity of anti-La antibodies induced in mice by immunization with recombinant human La antigen. *J Immunol* 144:3868-76, 1990. PMID: 1692063.

92. Ward MM, Dawson DV, Kredich DW, Pisetsky DS. Expression of IgM and IgG autoantibodies in pediatric and adult systemic lupus erythematosus. *Clin Immunol Immunopathol* 55:273-84, 1990. PMID: 2323106.
93. Ward MW, Pisetsky DS. Heavy and light chain utilization in autoantibodies of elderly patients with systemic lupus erythematosus. *Clin Immunol Immunopathol* 57:280-96, 1990. PMID: 2208808.
94. Wu DP, Gilkeson GS, Reich CF, Pisetsky DS. Selective recognition of DNA antigenic determinants of murine monoclonal anti-DNA antibodies. *Clin Exp Immunol* 82:33-37, 1990. PMID: 1698581. PMCID: PMC1535160.
95. Gilkeson GS, Pritchard AJ, Pisetsky DS. Cellular requirements for anti-DNA production induced in mice by immunization with bacterial DNA. *Eur J Immunol* 20:1789-94, 1990. PMID: 2209690.
96. Pisetsky DS, Darwin BS, Reich CF. IgG binding of monoclonal antinuclear antibodies from MRL-*lpr/lpr* mice. *Immunology* 71:586-91, 1990. PMID: 2279742.
97. Ward MM, Hall RP, Pisetsky DS. Serum interleukin-2 receptor responses to immunization. *Clin Immunol Immunopathol* 57:80-96, 1990. PMID: 2394031.
98. Ward MM, Dooley MA, Christenson VD, Pisetsky DS. The relationship between soluble interleukin 2 receptor levels and anti-double stranded DNA antibody levels in patients with systemic lupus erythematosus. *J Rheum* 18:235-40, 1991. PMID: 2023217.
99. Pisetsky DS, Haynes BF, Lipsky PE, Kang AH, Postlethwaite AE. The specialized centers of research in rheumatoid arthritis: recent progress and prospects for future advances. *Hum Immunol* 31:148-51, 1991. PMID: 2066274.
100. Gilkeson GS, Ruiz P, Pritchard AJ, Pisetsky DS. Genetic control of inflammatory arthritis and glomerulonephritis in congenic *lpr* mice and their F1 hybrids. *J Autoimmun* 4: 595-606, 1991. PMID: 1777011.
101. Ward MM, Dawson DV, Pisetsky DS. Serum immunoglobulin levels in systemic lupus erythematosus: the effects of age, sex, race and disease duration. *J Rheumatol* 18:540-44, 1991. PMID: 2066946.
102. Gilkeson GS, Pritchard AJ, Pisetsky DS. Specificity of anti-DNA antibodies induced in normal mice by immunization with bacterial DNA. *Clin Immunol Immunopathol* 59:288-300, 1991. PMID: 1706971.
103. St. Clair EW, Kenan D, Burch JA, Keene JD, Pisetsky DS. Anti-La antibody production by MRL-*lpr/lpr* mice. Analysis of fine specificity. *J Immunol* 146:1885-92, 1991. PMID: 2005384.
104. Spurney RF, Ruiz P, Pisetsky DS, Coffman TM. Enhanced renal leukotriene production in murine lupus: role of lipoxygenase metabolites. *Kidney Int* 39:95-102, 1991. PMID: 1848329.

105. Gilkeson GS, Pisetsky DS. Effects of structural alterations induced by procainamide on DNA antigenicity. *Immunol (Life Sci Adv)* 10:63-68, 1991.
106. Spurney RF, Bernstein RJ, Ruiz P, Pisetsky DS, Coffman TM. Physiologic role for enhanced renal thromboxane production in murine lupus nephritis. *Prostaglandins* 42:15-28, 1991. PMID: 1771236.
107. Ward MM, Pisetsky DS, Hall RP. Soluble interleukin 2 receptor levels in patients with dermatitis herpetiformis. *J Invest Dermatol* 91:568-72, 1991. PMID: 1875055.
108. Messina J, Gilkeson GS, Pisetsky DS. Stimulation of *in vitro* murine lymphocyte proliferation by bacterial DNA. *J Immunol* 147:1759-64, 1991. PMID: 1890302.
109. Pisetsky DS. Systemic lupus erythematosus. *Curr Opin Immunol* 3:917-23, 1991. PMID: 1751308.
110. Robertson CR, Gilkeson GS, Ward MM, Pisetsky DS. Patterns of heavy and light chain utilization in the antibody response to bacterial DNA in normal human subjects and patients with SLE. *Clin Immunol Immunopathol* 62:25-32, 1992. PMID: 1728977.
111. Pisetsky DS. Mechanisms of Anti-DNA Antibody Expression in Normal and Aberrant Immunity. *Concepts Immunopathol* 8:71-84, 1992. PMID: 1735106.
112. Vernino LA, Pisetsky DS, Lipsky PE. Analysis of expression of CD5 by human B cells and correlation with functional activity. *Cell Immunol* 139:185-97, 1992. PMID: 1370255.
113. Pisetsky DS. Anti-DNA antibodies in systemic lupus erythematosus. *Rheum Dis Clin North Am* 18:437-54, 1992. PMID: 1626077.
114. Spurney RF, Fan PY, Ruiz P, Sanfilippo F, Pisetsky DS, Coffman TM. Thromboxane receptor blockade reduces renal injury in murine lupus nephritis. *Kidney Int* 41:973-82, 1992. PMID: 1387435.
115. Pincus SH, Cole R, Pisetsky DS. A defect in the humoral immune response to protein antigens and haptens in immunoglobulin mu heavy-chain transgenic mice. *Mol Immunol* 29:801-06, 1992. PMID: 1603097.
116. Gilkeson GS, Spurney R, Coffman TM, Kurlander R, Ruiz P, Pisetsky DS. Effect of Anti-CD4 antibody treatment on inflammatory arthritis in MRL-*lpr/lpr* mice. *Clin Immunol Immunopath* 64:166-72, 1992. PMID: 1353712.
117. Robertson CR, Pisetsky DS. Specificity analysis of antibodies to single-stranded micrococcal DNA in the sera of normal human subjects and patients with systemic lupus erythematosus. *Clin Exp Rheum* 10:589-94, 1992. PMID: 1483310.
118. Robertson CR, Pisetsky DS. Immunochemical properties of anti-DNA antibodies in the sera of patients with *Escherichia coli* bacteremia. *Int Arch Allergy Immunol* 98:311-16, 1992. PMID: 1422260.

119. Watson ML, Rao JK, Gilkeson GS, Ruiz P, Eicher EM, Pisetsky DS, Matsuzawa A, Rochelle JM, Seldin MF. Genetic analysis of MRL-*lpr* mice: Relationship of the *Fas* apoptosis gene to disease manifestations and renal disease modifying loci. *J. Exp. Med.* 176:1645-56, 1992. PMID: 1460423. PMCID: PMC2119463.
120. Pisetsky DS. Autoantibodies and their idiotypes. *Curr Opin Rheumatol* 4:635-43, 1992. PMID: 1419497.
121. Pyun EH, Pisetsky DS, Gilkeson GS. The fine specificity of monoclonal anti-DNA antibodies induced in normal mice by immunization with bacterial DNA. *J Autoimmun* 1:11-26, 1993. PMID: 8457283.
122. Messina JP, Gilkeson GS, Pisetsky DS. The influence of DNA structure on the *in vitro* stimulation of murine lymphocytes by natural and synthetic polynucleotide antigens. *Cell Immunol* 147: 148-57, 1993. PMID: 8462107.
123. Spurney RF, Onorato JJ, Ruiz P, Pisetsky DS, Coffman TM. Characterization of glomerular thromboxane receptors in murine lupus nephritis. *J Pharmacol Exp Ther* 264:584-90, 1993. PMID: 8437109.
124. Bloom DD, Davignon JL, Retter MW, Shlomchik MJ, Pisetsky DS, Cohen PL, Eisenberg RA, Clarke SH. V region gene analysis of anti-Sm hybridomas from MRL/Mp-*lpr/lpr* mice. *J Immunol* 150:1591-1610, 1993. PMID: 8432995.
125. Gilkeson GS, Bloom DD, Pisetsky DS, Clarke SH. Molecular characterization of anti-DNA antibodies induced in normal mice by immunization with bacterial DNA. Differences from spontaneous anti-DNA in the content and location of V_H CDR3 arginines. *J Immunol* 151:1353-64, 1993. PMID: 8335932.
126. Pisetsky DS. Nucleic acid and crossreactive antigens. 1993. In *Structure of Antigens, Vol. 2*. M.H.V. Rogenmortel, ed. CRC Press, 129-48.
127. Gilkeson GS, Ruiz P, Howell D, Lefkowitz JB, Pisetsky DS. Induction of immune mediated glomerulonephritis in normal mice immunized with bacterial DNA. *Clin Immunol Immunopathol* 68:283-92, 1993. PMID: 8370182.
128. Palmer SM, Gilkeson GS, Pisetsky DS. The effect of sex on the induction of anti-DNA antibodies in normal mice immunized with DNA. *Lupus* 2:251-55, 1993. PMID: 8268973.
129. Dooley MA, Cush JJ, Lipsky PE, Dawson DV, Pisetsky DS. The effects of nonsteroidal anti-inflammatory drug therapy in early rheumatoid arthritis on serum levels of soluble IL-2R, CD4, and CD8. *J Rheumatol* 20:1857-62, 1993. PMID: 8308770.
130. Pisetsky DS. Rheumatic Disease Etiology. In *Rheumatology*, J.H. Klippel and P.A. Dieppe, eds. Mosby—Year Book Europe Limited, 13.1-13.
131. Pisetsky DS. Systemic Lupus Erythematosus: Epidemiology, Pathology and Pathogenesis. In *Primer on the Rheumatic Diseases (10th Edition)*. H.R. Schumacher, ed. Arthritis Foundation, 100-05.

132. Pisetsky DS. Autoantibodies and their significance. *Curr Opin Rheumatol* 5:549-56, 1993. PMID: 8398606.
133. Pisetsky DS, Reich CF. Stimulation of *in vitro* proliferation of murine lymphocytes by synthetic oligodeoxynucleotides. *Mol Biol Rep* 18:217-21, 1993. PMID: 8114689.
134. Pisetsky DS. DNA vaccination: a clue to memory? *Hum Immunol* 38:241-42, 1993. PMID: 8138418.
135. Wang J, Chou CH, Blankson J, Satoh M, Knuth MW, Eisenberg RA, Cohen PL, Pisetsky DS, Reeves WH. Murine monoclonal antibodies specific for conserved and non-conserved antigenic determinants of the human and murine Ku autoantigen. *Mol Biol Rep* 18:15-28, 1993. PMID: 7694076.
136. Weinberg JB, Granger DL, Pisetsky DS, Seldin MF, Misukonis MA, Mason SN, Phippen AM, Ruiz P, Wood ER, Gilkeson GS. The role of nitric oxide in the pathogenesis of spontaneous murine autoimmune disease: increased nitric oxide production and nitric oxide synthase expression in MRL-*lpr/lpr* mice, and reduction of spontaneous glomerulonephritis and arthritis by orally administered N^G- monomethyl-L-arginine. *J Exp Med* 179:651-60, 1994. PMID: 7507509. PMCID: PMC2191384.
137. Polisson R, Dooley MA, Dawson DA, Pisetsky DS. Interleukin-2 receptor levels in the sera of rheumatoid arthritis patients treated with methotrexate. *Arthritis Rheum* 37:50-56, 1994. PMID: 8129764.
138. Pisetsky DS, Reich CF. Stimulation of murine lymphocyte proliferation by an oligonucleotide with antisense activity. *Life Sci* 54:101-07, 1994. PMID: 8277816.
139. Bunyard MP, Pisetsky DS. Characterization of antibodies to bacterial double-stranded DNA in the sera of normal human subjects. *Int Arch Allergy Immunol* 105:122-27, 1994. PMID: 7920012.
140. Pisetsky DS, Reich CF. The influence of DNA size on the binding of anti-DNA antibodies in the solid and fluid phase. *Clin Immunol Immunopathol* 72:350-56, 1994. PMID: 7520375.
141. Pisetsky DS. Antinuclear Antibodies. *Immunol Allergy Clin N Am* 14:371-85, 1994.
142. Bloom DD, St. Clair EW, Pisetsky DS, Clarke SH. The anti-La response of a single MRL/Mp-*lpr/lpr* mouse: specificity for DNA and V_H gene usage. *Eur J Immunol* 24:1332-38, 1994. PMID: 8206093.
143. Spurney RF, Ruiz P, Albrightson CR, Pisetsky DS, Coffman TM. Fish oil feeding modulates leukotriene production in murine lupus nephritis. *Prostaglandins* 48:331-48, 1994. PMID: 7855311.
144. Pisetsky DS. Anti-DNA: What do these antibodies mean? *Clinical Guide to Rheumatology* 4:1-6, 1994.

145. Ward MM, Pyun E, Pisetsky DS. Serial measurement of serum interleukin-2 receptor levels in patients with rheumatoid arthritis: limited evidence for a role of T cell activation in clinical exacerbations. *Clin Immunol Immunopathol* 73:296-304, 1994. PMID: 7661913.
146. Shan H, Shlomchik MJ, Marshak-Rothstein A, Pisetsky DS, Litwin S, Weigert MG. The mechanism of autoantibody production in an autoimmune MRL/lpr mouse. *J Immunol* 153:5104-20, 1994. PMID: 7525723.
147. Halpern MD, Pisetsky DS. *In vitro* inhibition of murine IFN γ production by phosphorothioate deoxyguanosine oligomers. *Immunopharmacology* 29:47-52, 1995. PMID: 7768671.
148. Fan, PY, Ruiz P, Pisetsky DS, Spurney RF. The effects of short-term treatment with the prostaglandin E $_1$ (PGE $_1$) analog misoprostol on inflammatory mediator production in murine lupus nephritis. *Clin Immunol Immunopathol* 75:125-30, 1995. PMID: 7704969.
149. Gilkeson GS, Phippen AMM, Pisetsky DS. Induction of cross-reactive anti-dsDNA antibodies in preautoimmune NZB/NZW mice by immunization with bacterial DNA. *J Clin Invest* 95:1398-1402, 1995. PMID: 7883986. PMCID: PMC441482.
150. Pisetsky DS. Immunologic consequences of nucleic acid therapy. *Antisense Res Dev* 5:219-25, 1995. PMID: 8785478.
151. Gilkeson GS, Bernstein K, Phippen AMM, Clarke SH, Marion T, Pisetsky DS, Ruiz P, Lefkowitz JB. The influence of variable-region somatic mutations on the specificity and pathogenicity of murine monoclonal anti-DNA antibodies. *Clin Immunol Immunopathol* 76:59-67, 1995. PMID: 7606869.
152. Pisetsky DS, Reich CF, Crowley SD, Halpern MD. Immunological properties of bacterial DNA. *Ann N Y Acad Sci* 772:152-63, 1995. PMID: 8546388.
153. Halpern MD, Kurlander RJ, Pisetsky DS. Bacterial DNA induces murine interferon- γ production by stimulation of interleukin-12 and tumor necrosis Factor- α . *Cell Immunol* 167:72-78, 1996. PMID: 8548847.
154. Pisetsky DS. The immunologic properties of DNA. *J Immunol* 156:421-23, 1996. PMID: 8543788.
155. Gilkeson GS, Ruiz P, Phippen AMM, Alexander AL, Lefkowitz JB, Pisetsky DS. Modulation of renal disease in autoimmune NZB/NZW mice by immunization with bacterial DNA. *J Exp Med* 183:1389-97, 1996. PMID: 8666897.
156. Pisetsky DS. Immune activation by bacterial DNA: a new genetic code. *Immunity* 5:303-10, 1996. PMID: 8885863.
157. Wloch MK, Alexander AL, Phippen AMM, Pisetsky DS, Gilkeson GS. Differences in V κ gene utilization and VH CDR3 sequence among anti-DNA from C3H-lpr mice and lupus mice with nephritis. *Eur J Immunol* 26:2225-33, 1996. PMID: 8814271.

158. St. Clair EW, Wilkinson WE, Lang T, Sanders L, Misukonis MA, Gilkeson GS, Pisetsky DS, Granger DL, Weinberg JB. 1996. Increased expression of blood mononuclear cell nitric oxide synthase type 2 in rheumatoid arthritis patients. *J Exp Med* 184:1173-78, 1996. PMID: 9064335. PMCID: PMC2192765.
159. Liang H, Nishioka Y, Reich CF, Pisetsky DS, Lipsky PE. 1996. Activation of human B cells by phosphorothioate oligodeoxynucleotides. *J Clin Invest* 98:1119-29, 1996. PMID: 8787674.
160. Merkel PA, Dooley MA, Dawson DV, Pisetsky DS, Polisson RP. Interleukin-2 receptor levels in sera of patients with rheumatoid arthritis treated with sulfasalazine, parenteral gold, or placebo. *J Rheumatol* 23:1856-61, 1996. PMID: 8923356.
161. Polisson RP, Gilkeson GS, Pyun EH, Pisetsky DS, Smith EA, Simon LS. A multicenter trial of recombinant human interferon gamma in patients with systemic sclerosis: effects on cutaneous fibrosis and interleukin 2 receptor levels. *J Rheumatol* 23:654-58, 1996. PMID: 8730122.
162. Sato S, Ono M, Steeber DA, Pisetsky DS, Tedder TF. CD19 regulates B lymphocyte signaling thresholds critical for the development of B-1 lineage cells. *J Immunol* 157:4371-78, 1996. PMID: 8906812.
163. Pisetsky DS. DNA and the immune system. *Ann Intern Med* 126:169-71, 1997. PMID: 9005754.
164. Pisetsky DS, Drayton DM. Deficient expression of antibodies for bacterial DNA by patients with systemic lupus erythematosus. *Proc Assoc Am Phys* 109:237-44, 1997. PMID: 9154640.
165. Pisetsky DS. Pain in rheumatoid arthritis and osteoarthritis. *Pain Management Secrets* 26:113-21, 1997.
166. Pisetsky DS. Specificity and immunochemical properties of antibodies to bacterial DNA. *Methods* 11:55-61, 1997. PMID: 8990089.
167. Pisetsky DS, Gilkeson G, St. Clair EW. Systemic lupus erythematosus: diagnosis and treatment. *Med Clin North Am* 81:113-28, 1997. PMID: 9012757.
168. Wloch, MK, Alexander AL, Phippen AMM, Pisetsky DS, Gilkeson GS. Molecular properties of anti-DNA induced in pre-autoimmune NZB/W mice by immunization with bacterial DNA. *J Immunol* 158:4500-06, 1997. PMID: 9127017.
169. Pisetsky DS. Immunostimulatory DNA: a clear and present danger? *Nat Med* 3: 829-831, 1997. PMID: 9256266.
170. Wu, ZQ, Drayton D, Pisetsky DS. Specificity and immunochemical properties of antibodies to bacterial DNA in sera of normal human subjects and patients with systemic lupus erythematosus (SLE). *Clin Exp Immunol* 109:27-31, 1997. PMID: 9218820. PMCID: PMC1904712.

171. Gilkeson G S, Mudgett JS, Seldin MF, Ruiz P, Alexander AA, Misukonis MA, Pisetsky DS, Weinberg JB. Clinical and serologic manifestations of autoimmune disease in MRL-*lpr/lpr* mice lacking nitric oxide synthase type 2. *J Exp Med* 186:365-73, 1997. PMID: 9236188. PMCID: PMC2199001.
172. Pisetsky DS. The influence of susceptibility factors on the immune response to DNA. *Environ Toxicol Pharmacol* 4:295-98, 1997. PMID: 21781836.
173. Pisetsky DS. Immune recognition of DNA in SLE. *Clin Immunol Immunopathol* 86:1-2, 1998. PMID: 9434790.
174. Pisetsky DS. Anti-DNA antibodies in SLE: A case of mistaken identity? *J Rheum* 25:195-97, 1998. PMID: 9489804.
175. Pisetsky DS. Antibody responses to DNA in normal immunity and aberrant immunity. *Clin Diagn Lab Immunol* 5:1-6, 1998. PMID: 9455870. PMCID: PMC121381.
176. Wloch MK, Pasquini S, Ertl HCJ, Pisetsky DS. The influence of DNA sequence on the immunostimulatory properties of plasmid DNA vectors. *Hum Gene Ther* 9:1439-47, 1998. PMID: 9681415.
177. Pisetsky DS, Reich CF. The influence of base sequence of the immunological properties of defined oligonucleotides. *Immunopharmacology* 40:199-208, 1998. PMID: 9585063.
178. Pisetsky DS, Reich CF. The binding of anti-DNA antibodies to phosphorothioate oligonucleotides in a solid phase immunoassay. *Mol Immunol* 35:1161-70, 1998. PMID: 10199390.
179. Pisetsky DS. New treatments for rheumatoid arthritis. *Health News* 4:3, 1998. PMID:9825708.
180. Gilkeson GS, Conover J, Halpern M, Pisetsky DS, Feagin A, Klinman DM. Effects of bacterial DNA on cytokine production by (NZB/NZW)F-1 mice. *J Immunol* 161:3890-95, 1998. PMID: 9780154.
181. Pisetsky DS. 1999. Anti-DNA antibodies: markers of the pathogenesis of SLE. In *Lupus: Molecular and Cellular Pathogenesis*. G. M. Kammer and G.C. Tsokos, eds. Humana Press, Totowa, NJ, 417-428.
182. Reich CF, Pisetsky DS. 1999. *In vitro* assay of immunostimulatory activities of plasmid vectors. In *DNA Vaccines: Methods and Protocols*. D.B.Lowrie and R.G. Whalen, eds. Humana Press, Totowa, NJ,173-184.
183. Pisetsky DS, Gonzalez TC. The influence of DNA size on the binding of antibodies to DNA in the sera of normal human subjects and patients with systemic lupus erythematosus. *Clin Exp Immunol* 116:354-59, 1999. PMID: 10337030. PMCID: PMC1905279.
184. Pisetsky DS, Drayton DM, Wu ZQ. Specificity of antibodies to bacterial DNA in the sera of healthy human subjects and patients with systemic lupus erythematosus. *J Rheumatol* 26:1934-38, 1999. PMID: 10493672.

185. Neujahr DC, Reich CF, Pisetsky DS. Immunostimulatory properties of genomic DNA from different bacterial species. *Immunobiology* 200:106-19, 1999. PMID: 10084699.
186. Pisetsky DS. The influence of base sequence on the immunostimulatory properties of DNA. *Immunol Res* 19:35-46, 1999. PMID: 10374694.
187. Goulet JL, Griffiths RC, Ruiz P, Spurney RF, Pisetsky DS, Koller BH, Coffman TM. Deficiency of 5-lipoxygenase abolishes sex-related survival differences in MRL-lpr/lpr mice. *J Immunol* 163:359-66, 1999. PMID: 10384136.
188. Goeckeritz BE, Flora M, Witherspoon K, Vos Q, Lees A, Dennis GJ, Pisetsky DS, Klinman DM, Snapper CM, Mond JJ. Multivalent cross-linking of membrane Ig sensitizes murine B cells to a broader spectrum of CpG-containing oligodeoxynucleotide motifs, including their methylated counterparts, for stimulation of proliferation and Ig secretion. *Int Immunol* 11:1693-1700, 1999. PMID: 10508187.
189. Reich CF, Pisetsky DS. The influence of lipofectin on immune stimulation by bacterial DNA and plasmid DNA vectors. *J Interferon Cytokine Res* 19:1219-26, 1999. PMID: 10547162.
190. Pisetsky DS, Reich CF. Influence of backbone chemistry on immune activation by synthetic oligonucleotides. *Biochem Pharmacol* 58:1981-88, 1999. PMID: 10591154.
191. Rice JR, Pisetsky DS. Pain in the rheumatic diseases: practical aspects of diagnosis and treatment. *Rheum Dis Clin N Am* 25:15-30, 1999. PMID: 9858063.
192. Pisetsky DS, White B. A college for its teachers. (Editorial) *Arthritis Rheum* 42:595-8, 1999. PMID: 10211872.
193. Pisetsky DS. The role of bacterial DNA in autoantibody induction. *Curr Top Microbiol Immunol* 247:143-55, 2000. PMID: 10689785.
194. Pisetsky DS, Collier E. 2000 Biomarkers in the spectrum of autoimmune diseases. In *Biomarkers and Surrogate Endpoints: Advancing Clinical Research and Applications*. G. Downing, ed. Elsevier Science B.V., Bethesda, MD
195. Ghosh DK, Misukonis MA, Pisetsky DS, Levesque MC, Mast M, Reich CF, Weinberg JB. 2000 Induction of nitric oxide production by murine macrophages and human monocytes by CpG-containing DNA. In *The Biology of Nitric Oxide. (Part 7)* S. Moncada, L. Gustafsson, P. Wiklund and E.A. Higgs, eds. Portland Press, Ltd., Essex, UK.
196. Pisetsky DS. Mechanisms of immune stimulation by bacterial DNA. *Springer Semin Immunopathol* 22:21-34, 2000. PMID: 10944810.
197. Neujahr DC, Pisetsky DS. DNA as an Adjuvant. In *Vaccine Adjuvants: Preparation Methods and Research Protocols in Methods in Molecular Medicine, Vol. 42*. D.T. O'Hagan, ed. Humana Press, Totowa, NJ (2000), 299-313.
198. Pisetsky DS. Tumor necrosis factor blockers in rheumatoid arthritis. (Comment, Editorial) *N Engl J Med* 342:810-1, 2000. PMID: 10717018.

199. Mannon, RB, Nataraj D, Pisetsky DS. Stimulation of thymocyte proliferation by phosphorothioate DNA oligonucleotides. *Cell Immunol* 201:14-21, 2000. PMID: 10805969.
200. Pisetsky DS. The antigenic properties of bacterial DNA in normal and aberrant immunity. *Springer Semin Immunopath* 22:153-66, 2000. PMID: 10944797.
201. Pisetsky DS. Fibromyalgia. *World Book Encyclopedia*.
202. Pisetsky DS. Anti-DNA and autoantibodies. *Cur Opin Rheumatol* 12:364-8, 2000. PMID: 10990170.
203. Liang H, Reich CF, Pisetsky DS, Lipsky PE. The role of cell surface receptors in the activation of human B cells by phosphorothioate oligonucleotides. *J Immunol* 165:1438-45, 2000. PMID: 10903748.
204. Pisetsky DS, Reich CF. Inhibition of murine macrophage IL-12 production by natural and synthetic DNA. *Clin Immunol* 96:198-204, 2000. PMID: 10964537.
205. Pisetsky DS. Tumor necrosis factor α blockers and the induction of anti-DNA autoantibodies. *Arthritis Rheum* 43:2381-82, 2000. PMID: 11083257.
206. Pisetsky DS. Immune responses to DNA in normal and aberrant immunity. *Immunol Res* 3:119-26, 2000. PMID: 11339349.
207. Pisetsky DS. 2001 The Immunostimulatory Properties of Bacterial DNA. In *Development of Novel Antimicrobial Agents: Emerging Strategies*. K. Lohner, ed. Horizon Scientific Press, Norfolk, UK.
208. Pisetsky DS. Systemic Lupus Erythematosus A. Epidemiology, Pathology, and Pathogenesis. In *Primer on the Rheumatic Diseases Edition 12*. J.H. Klippel, Ed. Arthritis Foundation, (2001) Atlanta, Georgia.
209. Jawaheer D, Seldin MF, Amos CI, Chen WV, Shigeta R, Monteiro J, Kern M, Criswell LA, Albani S, Nelson L, Clegg DO, Pope R, Schroeder HW Jr, Bridges SL Jr, Pisetsky DS, Ward R, Kastner DL, Wilder RL, Pincus T, Callahan LF, Flemming D, Wener MH, Gregersen PK. A genomewide screen in multiplex rheumatoid arthritis families suggests genetic overlap with other autoimmune diseases. *Am J Hum Genet* 68:927-36, 2001. PMID: 11254450. PMCID: PMC1275647.
210. Liang H, Reich CF, Pisetsky DS, Lipsky PE. The role of surface Ig binding in the activation of human B cells by phosphorothioate oligodeoxynucleotides. *Scand J Immunol* 54:551-63, 2001. PMID: 11902330.
211. St. Clair EW, Wilkinson WE, Pisetsky DS, Sexton DJ, Drew R, Kraus VB, Greenwald RA. The effects of intravenous doxycycline therapy for rheumatoid arthritis: a randomized, double-blind, placebo-controlled trial. *Arthritis Rheum* 44:1043-7, 2001. PMID: 11357896.

212. Zhu FG, Reich CF, Pisetsky DS. The role of the macrophage scavenger receptor in immune stimulation by bacterial DNA and synthetic oligonucleotides. *Immunology* 103:226-34, 2001. PMID: 11412310. PMCID: PMC1783228.
213. Fermor B, Weinberg JB, Pisetsky DS, Misukonis MA, Banes AJ, Guilak F. The effects of static and intermittent compression on nitric oxide production in articular cartilage explants. *J Orthop Res* 19:729-37, 2001. PMID: 11518285.
214. Fink C, Fermor B, Weinberg JB, Pisetsky DS, Misukonis MA, Guilak F. The effect of dynamic mechanical compression on nitric oxide production in the meniscus. *Osteoarthritis Cartilage* 9:481-7, 2001. PMID: 11467897.
215. LeGrand A, Fermor B, Fink C, Pisetsky DS, Vail TP, Weinberg JW, Guilak F. Interleukin-1, tumor necrosis factor alpha, and interleukin-17 synergistically up-regulate nitric oxide and prostaglandin E2 production in explants of human osteoarthritic knee menisci. *Arthritis Rheum* 44:2078-83, 2001. PMID: 11592370.
216. Pisetsky DS, Wenk KS, Reich CF. The role of CpG sequences in the induction of anti-DNA antibodies. *Clin Immunol* 100:157-63, 2001. PMID: 11465944.
217. Fermor B, Haribabu B, Weinberg JB, Pisetsky DS, Guilak F. Mechanical stress and nitric oxide influence leukotriene production in cartilage. *Biochem Biophys Res Commun* 285:806-10, 2001. PMID: 11453664.
218. Fermor B, Weinberg JB, Pisetsky DS, Misukonis MA, Banes AJ, Guilak F. The effects of static and intermittent compression on nitric oxide production in articular cartilage explants. *J Orthop Res* 19:729-37, 2001. PMID: 11518285.
219. Zhu FG, Pisetsky DS. Role of the heat shock protein 90 in immune response stimulation by bacterial DNA and synthetic oligonucleotides. *Infect Immunol* 69:5546-52, 2001. PMID: 11500428. PMCID: PMC98668.
220. Pisetsky DS. Immune response to DNA in systemic lupus erythematosus. *Isr Med Assoc J* 3:850-52, 2001. PMID: 11729584.
221. Pisetsky DS, St. Clair EW. Progress in the treatment of rheumatoid arthritis. *JAMA* 286:2787-90, 2001. PMID: 11735734.
222. Ghosh DK, Misukonis MA, Reich CF, Pisetsky DS, Weinberg JB. Host response to infection: the role of CpG DNA in induction of cyclooxygenase 2 and nitric oxide synthase 2 in murine macrophages. *Infect Immunol* 69:7703-10, 2001. PMID: 11705951. PMCID: PMC98865.
223. Firestein GS, Pisetsky DS. DNA microarrays: boundless technology or bound by technology? Guidelines for studies using microarray technology. *Arthritis Rheum* 46:859-61, 2002. PMID: 11953960.
224. Zhu FG, Reich CF, Pisetsky DS. Inhibition of murine dendritic cell activation by synthetic phosphorothioate oligodeoxynucleotides. *J Leuk Biol* 72:1154-1163, 2002. PMID: 12488497.

225. Cernanec J, Guilak F, Weinberg JB, Pisetsky DS, Fermor B. Influence of hypoxia-reoxygenation on cytokine induced proinflammatory mediators in articular cartilage. *Arthritis Rheum* 46:968-75, 2002. PMID: 11953974.
226. Pisetsky DS. 2002 The antigenicity of bacterial DNA. In *Microbial DNA and Host Immunity*. Eyal Raz, ed. Humana Press Inc. 341-345.
227. Fermor B, Weinberg JB, Pisetsky DS, Misukonis MA, Fink C, Guilak F. Induction of cyclooxygenase-2 by mechanical stress through a nitric oxide-regulated pathway. *Osteoarthritis Cartilage* 10:792-798, 2002. PMID: 12359165.
228. Pisetsky DS. 2003 Pain in Rheumatoid Arthritis and Osteoarthritis. In *Pain Management Secrets, 2nd Edition* Ronald Kanner, ed. Hanley & Belfus, Inc., Medical Publishers, Philadelphia, PA.
229. Jiang N, Reich CF III, Monestier M, Pisetsky DS. The expression of plasma nucleosomes in mice undergoing *in vivo* apoptosis. *Clin Immunol* 106:139-147, 2003. PMID: 12672404.
230. Pisetsky DS, Hunder GG, Gravalles EM. New policy on disclosure of interest for American College of Rheumatology journals. *Arthritis Rheum* 48:873-875, 2003. PMID: 12687503.
231. Jawaheer D, Seldin MF, Amos CI, Chen WV, Shigeta R, Etzel C, Damle A, Xiao X, Chen D, Lum RF, Monteiro J, Kern M, Criswell LA, Albani S, Nelson JL, Clegg DO, Pope R, Schroeder HW Jr., Bridges SL Jr., Pisetsky DS, Ward R, Kastner DL, Wilder RL, Pincus T, Callahan LF, Flemming D, Wener MH, Gregersen PK. North American Rheumatoid Arthritis Consortium. Screening the genome for rheumatoid arthritis susceptibility genes: a replication study and combined analysis of 512 multicase families. *Arthritis Rheum* 48:906-916, 2003. PMID: 12687532.
232. Pisetsky DS, Hunder GG, Gravalles EM. New policy on disclosure of interest for American College of Rheumatology journals. *Arthritis Rheum* 49:149-250, 2003. PMID: 12687527.
233. Criscione LG, Sugarman J, Sanders L, Pisetsky DS, St Clair EW. Informed consent in a clinical trial of a novel treatment for rheumatoid arthritis. *Arthritis Rheum* 49:361-367, 2003. PMID: 12794792.
234. Zhu FG, Reich CF III, Pisetsky DS. Effect of cytofectins on the immune response of murine macrophages to mammalian DNA. *Immunology* 109:255-262, 2003. PMID: 12757621.
235. Jiang N, Reich CF III, Pisetsky DS. The role of macrophages in the generation of circulating blood nucleosomes from dead and dying cells. *Blood* 102:2243-2250, 2003. PMID: 12775567.
236. Bjorkman L, Reich CF III, Pisetsky DS. The use of fluorimetric assays to assess the immune response to DNA in murine SLE. *Scand J Immunol* 57:525-533, 2003. PMID: 12791090.

237. Jiang W, Pisetsky DS. Enhancing immunogenicity by CpG DNA. *Curr Opin Mol Therapeut* 5:180-185, 2003. PMID: 12772509.
238. Criscione LG, Pisetsky DS. B lymphocytes and systemic lupus erythematosus. *Curr Rheumatol Rep* 2:264-269, 2003. PMID: 14531953.
239. Shin S-J, Fermor B, Weinberg JB, Pisetsky DS, Guilak F. Regulation of matrix turnover in meniscal explants: role of mechanical stress, interleukin-1, and nitric oxide. *J Appl Physiol* 95:308-313, 2003. PMID: 12665533.
240. Tran TT, Reich CF III, Alam M, Pisetsky DS. Specificity and immunochemical properties of anti-DNA antibodies induced in normal mice by immunization with mammalian DNA. *Clin Immunol* 109:278-287, 2003. PMID: 14697742.
241. Criscione LG, Pisetsky DS. B lymphocytes and systemic lupus erythematosus. *Curr Rheum Dis* 52:6, 2003. Online PMID:14531953.
242. Jiang N, Pisetsky DS. The effect of dexamethasone on the generation of plasma DNA from dead and dying cells. *Am J Pathol* 164:1751-1759, 2004. PMID: 15111321.
243. Jiang W, Reich CF III, You D, Kandimalla E, Agrawal S, Pisetsky DS. Induction of immune activation by a novel immunomodulatory oligonucleotide without thymocyte apoptosis. *Biophys Biochem Res Commun* 318:60-66, 2004. PMID: 15110753.
244. Pisetsky DS. DNA as a marker of cell death in systemic lupus erythematosus. *Rheum Dis Clin North Am* 30:575-587, 2004. PMID: 15261342.
245. Guilak F, Fermor B, Keefe FG, Kraus VB, Olson SA, Pisetsky DS, Setton LA, Weinberg JB. The role of biomechanical and inflammatory factors in cartilage injury and repair. *Clin Orthop Rel Res* 423:17-26, 2004. PMID: 15248203.
246. Jiang W, Reich CF III, Pisetsky DS. Mechanisms of activation of the RAW264.7 macrophage cell line by transfected mammalian DNA. *Cell Immunol* 229:31-40, 2004. PMID: 15331326.
247. Cook DN, Pisetsky DS, Schwartz DA. Toll-like receptors in the pathogenesis of human disease. *Nat Immunol* 5:975-979, 2004. PMID: 15454920.
248. Choi JJ, Reich CF III, Pisetsky DS. Release of DNA from dead and dying lymphocyte and monocyte cell lines *in vitro*. *Scand J Immunol* 60:159-166, 2004. PMID: 15238085.
249. Tran TT, Pisetsky DS. Antibodies as predictive and diagnostic markers in SLE and related diseases. *Autoimmunity* 37:301-304, 2004. PMID: 15518046.
250. Pisetsky DS. The immune response to cell death in SLE. *Autoimmunity Reviews*, 3:500-504, 2004. PMID: 15546797.
251. Fermor B, Jeffcoat D, Hennerbichler A, Pisetsky DS, Weinberg JB, Guilak F. The effects of cyclic mechanical strain and tumor necrosis factor alpha on the response of cells of the meniscus. *Osteoarthritis Cart* 12:956-962, 2004. PMID: 15564062.

252. Huizinga TW, Pisetsky DS, Kimberly RP. Associations, populations, and the truth: recommendations for genetic association studies in Arthritis & Rheumatism. *Arthritis Rheum* 50:2066-2071, 2004. PMID: 15248203.
253. Jiang N, Pisetsky DS. The effect of inflammation on the generation of plasma DNA from dead and dying cells in the peritoneum. *J Leuk Biol* 77:296-302, 2005. PMID: 15601668.
254. Choi JJ, Reich CF III, Pisetsky DS. The role of macrophages in the *in vitro* generation of extracellular DNA from dead and dying cells. *Immunology* 115:55-62, 2005. PMID: 15819697.
255. Distler JHW, Jünger A, Huber LC, Seemayer CA, Reich CF III, Gay RE, Miceli BA, Fontana A, Gay S, Pisetsky DS, Distler O. The induction of matrix metalloproteinase and cytokine expression in synovial fibroblasts stimulated with immune cell microparticles. *Proc Natl Acad Sci* 102:2892-2897, 2005. PMID: 15701693.
256. Docken WP, Pisetsky DS. Toward optimal health: William P. Docken, M.D. and David S. Pisetsky, M.D., Ph.D. discuss arthritis in women. Interview by Jody R. Godfrey. *J Women's Hlth* 14:208-213, 2005. PMID: 15857266.
257. Jiang W, Li J, Gallowitsch-Puerta M, Tracey KJ, Pisetsky DS. The effects of CpG DNA on HMGB1 release by murine macrophage cell lines. *J Leuk Biol* 78:930-936, 2005. PMID: 16081598.
258. Distler JHW, Hueber AX, Reich CF III, Gay S, Distler O, Pisetsky DS. The release of microparticles by apoptotic cells and their effects on macrophages. *Apoptosis* 4:731-741, 2005. PMID: 16133865.
259. Distler JHW, Pisetsky DS, Huber LC, Kalden JR, Gay S, Distler O. Microparticles as regulators of inflammation: novel players of cellular crosstalk in the rheumatic diseases. *Arthritis Rheum* 52:3337-3348, 2005. PMID: 16255015.
260. Rocha PN, Plumb TJ, Robinson LA, Spurney R, Pisetsky DS, Koller BH, Coffman TM. The role of thromboxane A₂ in the induction of apoptosis of immature thymocytes by LPS. *Clin Diag Lab Immunol* 12:896-903, 2005. PMID: 16085906. PMCID: PMC1182190.
261. Fermor B, Weinberg JB, Pisetsky DS, Guilak F. The influence of oxygen tension on the induction of nitric oxide and prostaglandin E₂ by mechanical stress in articular cartilage. *Osteoarthritis Cart* 13:935-941, 2005. PMID: 15975834.
262. Hamilton KJ, Schett G, Reich CF III, Smolen J, Pisetsky DS. The binding of sera of patients with SLE to bacterial and mammalian DNA. *Clin Immunol* 118:209-218, 2006. PMID: 16298553.
263. Aringer M, Stamm TA, Pisetsky DS, Yarboro CH, Cieza A, Smolen JS, Stucki G. ICF core sets: how to specify impairment and function in systemic lupus erythematosus. *Lupus* 15:1-7, 2006. PMID: 16686267.

264. Huber LC, Gay S, Distler O, Pisetsky DS. The effect of UVB on lupus skin: new light on the role of apoptosis in the pathogenesis of autoimmunity. *Rheumatology (Oxford)* 45:500-1, 2006. PMID: 16467364.
265. Jiang W, Pisetsky DS. The role of IFN- α and nitric oxide in the release of HMGB1 by RAW 264.7 cells stimulated with polyinosinic-polycytidylic acid and lipopolysaccharide. *J Immunol* 177:3337-43, 2006. PMID: 16920974.
266. Pisetsky DS. Fulfilling Koch's postulates of autoimmunity: Anti-NR2 antibodies in mice and men. *Arthritis Rheum* 54:2349-2352, 2006. PMID: 16868989.
267. Weinberg JB, Lang T, Wilkinson WE, Pisetsky DS, St. Clair EW. Serum, urinary, and salivary nitric oxide in rheumatoid arthritis: complexities of interpreting nitric oxide measures. *Arthritis Res* 8:1-9, 2006. PMID: 16907988.
268. Pisetsky DS, Jiang N. The generation of extracellular DNA in SLE: the role of death and sex. *Scand J Immunol* 64:200-4, 2006. PMID: 16918687.
269. Jiang W, Reich CF, Pisetsky DS. *In vitro* assay of immunostimulatory activities of plasmid vectors. *Methods Mol Med* 127:55-70, 2006. PMID: 16988446.
270. Bell CW, Jiang W, Reich CF III, Pisetsky DS. The extracellular release of HMGB1 during apoptotic cell death. *Am J Physiol Cell Physiol* 291:C1318-C1325, 2006. PMID: 16855214. PMID: 16855214.
271. Pisetsky, DS. Rheumatology in 2006. Crossroads or crisis? *Bull Hosp Jt Dis* 64:1-2, 2006. PMID: 17121482.
272. Tran TT, Pisetsky DS. 2006 Detection of anti-DNA antibodies, *In: B. Detrick, R. Hamilton, J. Folds (eds.) Manual of Molecular and Clinical Laboratory Immunology*, 7th ed. ASM Press, Washington, DC., 1027-1032.
273. Distler JHW, Distler LC, Huber A, Gay S, Distler O, Pisetsky DS. Microparticles as mediators of cellular cross-talk in inflammatory disease. *Autoimmunity* 39:683-90, 2006. PMID: 17178565.
274. Pisetsky DS. Mechanisms of Tissue Damage: Antibodies to DNA. *In Systemic Lupus Erythematosus*. George Tsokos, Caroline Gordon, Josef S. Smolen eds. Mosby Elsevier, Philadelphia, PA 225, 2006.
275. Jiang W, Reich CF, Pisetsky DS. *In vitro* assay of immunostimulatory activities of plasmid vectors. *In: D. Lowrie and R. Whalen, (eds.) DNA Vaccines: Methods and Protocols*. 2nd Humana Press, Totowa, NJ, 127:55-70, 2006. PMID: 16988446.
276. Jiang W, Pisetsky DS. Mechanisms of disease: the role of HMGB1 in the pathogenesis of inflammatory arthritis. *Nat Clin Pract Rheumatol* 3:52-8, 2007. PMID: 17203009. Published before 4/7/07.
277. Jiang W, Bell CW, Pisetsky DS. The relationship between apoptosis and high-mobility group protein 1 release from murine macrophages stimulated with lipopolysaccharide or

- polyinosinic-polycytidylic acid. *J Immunol* 178:6495-503, 2007. PMID: 17475879. No PMC
278. Pisetsky DS. The role of nuclear macromolecules in innate immunity. *Proc Am Thorac Soc* 3:1-5, 2007. PMID: 17607009. No PMC
279. Huber LC, Jüngel A, Distler JHW, Moritz F, Gay RE, Michel BA, Pisetsky DS, Gay S, Distler O. The role of membrane lipids in the induction of macrophage apoptosis by microparticles. *Apoptosis* 12:363-74, 2007. PMID: 17191114. Published before 4/7/07.
280. Mitchell KL, Pisetsky DS. Early rheumatoid arthritis. *Curr Opin Rheumatol* 19:278-83, 2007. PMID: 17414956. No PMC
281. Taylor HA, Sugarman J, Pisetsky DS, Bathon J. Formative research in clinical trial development: attitudes of patients with arthritis in enhancing prevention trials. *Ann Rheum Dis* 66:542-24, 2007. PMID: 16984939. PMCID: PMC1856056.
282. Pisetsky DS, Fairhurst AM. The origin of extracellular DNA during the clearance of dead and dying cells. *Autoimmunity* 40:281-4, 2007. PMID: 17516210. No PMC
283. Pisetsky DS. Autoimmunity: the nuclear arsenal of autoimmunity. *Immunol & Cell Biol* 85:344-5, 2007. PMID: 17533412. No PMC
284. Nair S, Boczkowski D, Fassnacht M, Pisetsky DS, Gilboa E. Vaccination against the forkhead family transcription factor Foxp3 enhances tumor immunity. *Cancer Research* 67:371-80, 2007. PMID: 17210720. Published before 4/7/07
285. Jüngel A, Distler O., Schulze-Horsel U, Huber LC, Ha HR, Simmen B, Kalden JR, Pisetsky DS, Gay S, and Distler JH. Microparticles stimulate the synthesis of prostaglandin E synthase 1. *Arthritis Rheum*, 56(11):3564, 2007. PMID: 17968936. No PMC
286. Pisetsky DS, Jiang W. The role of Toll-like receptors in HMGB1 release of macrophages. Submitted. *Ann N Y Acad Sci.*, 1109:58-65, 2007. PMID: 17785291. No PMC
287. Ardoin SP, Shanahan JC, Pisetsky DS. The role of microparticles in inflammation and thrombosis. *Scan J Immunol*, 66(2-3):159-65, 2007. PMID: 17635793. No PMC
288. Pisetsky DS. Systemic Lupus Erythematosus B. Epidemiology, Pathology, and Pathogenesis. In *Primer on the Rheumatic Diseases*. 13th Edition, John H. Klippel, Editor, Springer Science+Business Media, LLC, New York, NY. Pp. 319-326, 2007.
289. Pisetsky DS. Clinician's comment on the management of pain in arthritis. *Health Psychol* 26:657-9, 2007. PMID: 18020835. No PMC
290. Zetterström CK, Jiang W, Wähämaa H, Östberg T, Aveberger AC, Schierbeck H, Lotze MT, Andersson U, Pisetsky DS, Harris HE. Pivotal Advance: Inhibition of HMGB1 nuclear translocation as a mechanism for the anti-rheumatic effects of gold sodium thiomalate. *J Leukoc Biol* 83:1-7, 2008. PMID: 17913975. Published before 4/7/07

291. Pisetsky DS. Rheumatology in the current era: the challenge of success. *Nature Clin Pract Rheumatol* 4:1, 2008. PMID: 18382480. No PMC
292. Pisetsky DS. A landmark study on treatment strategies for rheumatoid arthritis. *Arthritis Rheum* 58:S123-5, 2008. PMID: 18240202. No PMC
293. Pisetsky DS. The role of innate immunity in the induction of autoimmunity. *Autoimmunity Reviews* 8:69-72, 2008. PMID: 18708168. No PMC
294. Ardoin SP, Pisetsky DS. Developments in the scientific understanding of lupus. *Arthritis Res Ther* 10:218, 2008. PMID: 18947369. PMCID: PMC2592776.
295. Jiang W, Pisetsky DS. Expression of high mobility group protein 1 in the sera of patients and mice with systemic lupus erythematosus. *Ann Rheum Dis* 67: 727-728, 2008. PMID: 18408114. No PMC
296. Ardoin SP, Pisetsky DS. The role of cell death in the pathogenesis of autoimmune disease: HMGB1 and microparticles as intercellular mediators of inflammation. *Mod Rheumatol* 18:319-26, 2008. PMID: 18418695. PMCID: PMC2516192.
297. Pisetsky DS, Erlandsson-Harris H, Andersson U. High-mobility group box protein 1 (HMGB1): an alarm in mediating the pathogenesis of rheumatic disease. *Arthritis Res Ther* 10:209, 2008. PMID: 18598385. PMCID: PMC2483460.
298. Gasper-Smith N, Crossman DM, Whitesides JF, Mensali N, Ottinger JS, Plant SG, Moody MA, Ferrari G, Weinhold KJ, Miller SE, Reich CF 3rd, Qin L, Self SG, Shaw GM, Denny TN, Jones LE, Pisetsky DS, Haynes BF. Induction of plasma (TRAIL), TNFR-2, Fas ligand and plasma microparticles after human immunodeficiency virus type 1 (HIV-1) transmission: implications for HIV-1 vaccine design. *J Virol* 82:7700-10, 2008. PMID: 18508902. PMCID: PMC2493338.
299. Jiang W, Pisetsky DS. The induction of HMGB1 release from RAW 264.7 cells by transfected DNA. *Mol Immunol* 45:2038-44, 2008. PMID: 18031817. No PMC
300. Tran TT, Groben P, Pisetsky DS. The release of DNA into the plasma of mice following hepatic cell death by apoptosis and necrosis. *Mol Immunol* 13:184-200, 2008. PMID: 18270870. No PMC
301. Guiducci S, Distler JH, Jungel A, Huscher D, Huber LC, Michel BA, Gay RE, Pisetsky DS, Gay S, Matucci-Cerinic M, Distler O. The relationship between plasma microparticles and disease manifestations in patients with systemic sclerosis. *Arthritis Rheum* 58:2845-2853, 2008. PMID: 18759303. No PMC
302. Pisetsky DS and Ronnblom L. Systemic lupus erythematosus: a matter of life and death. *Arthritis Rheum* 60:1567-70, 2009. PMID: 19479835. No PMC
303. Su K, Pisetsky DS. The role of extracellular DNA in autoimmunity in SLE. *Scand J Immunol* 70:175-83, 2009. PMID: 19703007. No PMC
304. Gauley J and Pisetsky DS. The translocation of HMGB1 during cell activation and cell death. *Autoimmunity*, 42:299-301, 2009. PMID: 19811282. No PMC

305. Crowley SD, Vasievich MP, Ruiz P, Gould SK, Parsons KK, Pazmino AK, Facemire C, Chen BJ, Kim HS, Tran TT, Pisetsky DS, Barisoni L, Prieto-Carrasquero MC, Jeansson M, Foster MH, Coffman TM. Glomerular type 1 angiotensin receptors augment kidney injury and inflammation in murine autoimmune nephritis. *J Clin Invest* 119:943-53, 2009. PMID: 19287096. PMCID: PMC2662542.
306. Reich CF, Pisetsky DS. The content of DNA and RNA in microparticles released by Jurkat and HL-60 cells undergoing *in vitro* apoptosis. *Exp Cell Res* 315:760-8, 2009. PMID: 19146850. No PMC
307. Grundtman C, Bruton J, Yamada T, Ostberg T, Pisetsky DS, Harris HE, Andersson U, Lundberg IE, Westerblad H. Effects of HMGB1 on *in vitro* responses of isolated muscle fibers and functional aspects in skeletal muscles of idiopathic inflammatory myopathies. *FASEB J* 24:570-578, 2009. PMID: 19837864. No PMC
308. Pisetsky DS. Microparticles as biomarkers in autoimmunity: from dust bin to center stage. *Arthritis Res Ther* editorial, 11:135, 2009. PMID: 19954508. PMCID: PMC3003533.
309. Pisetsky DS and Vrabie IA. Antibodies to DNA: infection or genetics? *Lupus* 18:1176-1180, 2009. PMID: 19880564. No PMC
310. Beyer C, Pisetsky DS. The role of microparticles in the pathogenesis of rheumatic diseases. *Nature Rev Rheum* 6:21-29, 2010. PMID: 19949432. No PMC
311. Borenstein D, Altman R, Bello A, Chatham W, Clauw D, Crofford L, Croft J, Fox D, Hasset A, Kozin F, Pisetsky D, Richardson J, Schanberg L, Starz T, Witter J. Report of the American College of Rheumatology Pain Management Task Force. *Arthritis Care Res* 62:590-599, 2010. PMID: 20461782. No PMC
312. Pisetsky DS, Lipsky PE. Microparticles as autoadjuvants in the pathogenesis of SLE. *Nat Rev Rheum* 6:368-372, 2010. PMID: 20458331. No PMC
313. Pisetsky DS. HMGB1: a dangerous player in lupus pathogenesis. *J Rheum* 37:766-775, 2010. PMID: 20360203. No PMC
314. Ullal, AJ, Pisetsky, DS, Reich III, CF . Use of SYTO 13, a fluorescent dye binding nucleic acids, for the detection of microparticles in *in vitro* systems. *Cytometry Part A*, 77A:294-301, 2010. PMID: 20104574. PMCID: PMC2885873.
315. Ullal, AJ and Pisetsky, DS. The release of microparticles by Jurkat leukemia T cells treated with staurosporine and related kinase inhibitors to induce apoptosis. *Apoptosis* 15:586-596, 2010. PMID: 20146001. PMCID: PMC3004153.
316. Gauley, Julie and Pisetsky, DS. The release of microparticles by RAW 264.7 macrophage cells stimulated with TLR ligands. *J Leukoc Biol*, 87:1115-1123, 2010. PMID: 20335312. No PMC

317. Pisetsky, DS. The role of HMGB1 in efferocytosis: when the dead go unburied. Focus on "HMGB1 inhibits macrophage activity in efferocytosis through binding to the alphavbeta3-integrin." *Am J Physiol Cell Physiol*, 299: C1253-C1255, 2010. PMID: 20926774. No PMC
318. Pisetsky DS, Ullal AJ. The blood nucleome in the pathogenesis of SLE. *Autoimmun Rev*, 10:35-37, 2010. PMID: 20659590. PMCID: PMC3004144.
319. Pisetsky DS, Gauley J, and Ullal AJ. Microparticles as a source of extracellular DNA. *Immunol Res*, 49:227-234, 2011. PMID: 21132466. No PMC
320. Pisetsky DS, Gauley J, and Ullal A. HMGB1 and microparticles as mediators of the immune response to cell death. *Antioxid Redox Signal* 15:2209-2219, 2011. PMID 21194388. PMCID: PMC3166182.
321. Pisetsky DS. Platelet microparticles: making blood a bad humor. *J Rheumatol*, 38:590-592, 2011. PMID: 21459954. No PMC
322. Ullal AJ, Reich CF3rd, Clowse M, Criscione-Schreiber LG, Tochacek M, Monestier M, Pisetsky DS. Microparticles as antigenic targets of antibodies to DNA and nucleosomes in systemic lupus erythematosus. *J Autoimmun*, 36:173-180, 2011. PMID 21376534. No PMC
323. Pisetsky DS, Grammer AC, Ning TC, Lipsky PE. Are autoantibodies the targets of B-cell-directed therapy? *Nat Rev Rheumatol*, 7:551-556, 2011. PMID: 21808289. No PMC
324. Yang IV, Jiang W, Rutledge HR, Lackford B, Wang LA, De Arras L, Alper S, Schwartz DA, Pisetsky DS. Identification of novel innate immune genes by transcriptional profiling of macrophages stimulated with TLR ligands. *Mol Immunol*. 48:1886-1895, 2011. PMID: 21665277. PMCID: PMC3163807.
325. Gottlin EB, Bentley RC, Campa MJ, Pisetsky DS, Herndon JE 2nd, Patz EF Jr. The association of intratumoral germinal centers with early-stage non-small cell lung cancer. *J Thorac Oncol*, 6:1687-1690, 2011. PMID: 21642860. No PMC
326. Pisetsky DS. Antinuclear antibodies in healthy people: the tip of autoimmunity's iceberg? *Arthritis Res Ther*, 13:109, 2011. PMID: 21554754. PMCID: PMC3132028.
327. Distler JH, Akhmetshina A, Dees C, Jungel A, Sturzl M, Gay S, Pisetsky DS, Schett G, Distler O. Induction of apoptosis in circulating angiogenic cells by microparticles. *Arthritis Rheum*, 63:2067-2077, 2011. PMID: 21437873. No PMC
328. Pisetsky DS. Pus: the Rodney Dangerfield of immunology. *Arthritis Res Ther*, 13:131, 2011. PMID: 22029909. PMCID: PMC3308091.
329. Pisetsky DS, Spencer DM. The effects of progesterone and estradiol sex hormone on the release of microparticles by RAW 264.7 macrophages stimulated by poly (I:C). *Clin Vaccine Immunol*, 18:1420-1426, 2011. PMID: 21653747. PMCID: PMC3165218.
330. Pisetsky DS. Cell death in the pathogenesis of immune-mediated diseases: the role of HMGB1 and DAMP-PAMP complexes. *Swiss Med Wkly*, 141:w13256, 2011. PMID: 21877298. No PMC

331. Pisetsky DS. Laboratory testing in the rheumatic diseases. Chapter 265 in Goldman's Cecil Medicine, 24th edition, edited by Lee Goldman and Andrew I. Schaefer, published by Elsevier, 2011.
332. Pisetsky DS. The 2011 ACR meeting: what's new in the windy city. *Arthritis Res Ther*, 13:138, 2011. PMID: 22192758. No PMC
333. Rutledge HR, Jiang W, Yang J, Wang LA, Schwartz DA, Pisetsky DS, Yang IV. Gene expression profiles of RAW 264.7 macrophages stimulated with preparations of LPS differing in isolation and purity. *Innate Immun* 18:80-88, 2012. PMID: 21239457. No PMC
334. Pisetsky DS, Ullal AJ, Gauley J, Ning TS. Microparticles as mediators and biomarkers of rheumatic disease. *Rheumatology (Oxford)* 51:1737-1746, 2012. PMID: 22403183. PMCID: PMC3448881.
335. Harris H, Andersson U, Pisetsky DS. HMGB1: A multifunctional alarmin driving inflammation and autoimmunity. *Nat Rev Rheum*, 8:195-202, 2012. PMID: 22293756. No PMC
336. Beyer C, Stearns N, Giessel A, Distler J, Schett G, Pisetsky DS. The extracellular release of DNA and HMGB1 from Jurkat T cells during *in vitro* necrotic cell death. *Innate Immun* 18:727-737, 2012. PMID: 22344226. No PMC
337. Pisetsky DS, Lee J, Leong KW, Sullenger BA. Nucleic acid binding polymers as anti-inflammatory agents: reducing the danger of nuclear attack. *Exp Rev Clin Immunol* 8:1-3, 2012. PMID: 22149331. No PMC
338. Pisetsky DS. The origin and properties of extracellular DNA: From PAMP to DAMP. *Clin Immunol*, 144:32-40, 2012. PMID: 22659033. No PMC
339. Pisetsky DS. HMGB1: a smoking gun in lupus nephritis? *Arthritis Res Ther*, 14:112, 2012. PMID: 22423653. PMCID: PMC3446408.
340. Pisetsky DS. The BRIC-GARN Meeting 2011: of mice and men. *Arthritis Res Ther*, 14:107, 2012. PMID: 22404910. PMCID: PMC3392809.
341. Clowse ME, Harward L, Criscione-Schreiber L, Pisetsky D, Copland S. Anti-Mullerian hormone: a better marker of ovarian damage from cyclophosphamide. *Arthritis Rheum*, 64:1305-1310, 2012. PMID: 22354568. No PMC
342. Pisetsky DS. Antinuclear antibodies in rheumatic disease: a proposal for a function-based classification. *Scand J Immunol*, 76:223-228, 2012. PMID: 22670594. No PMC
343. Gnatz SM, Pisetsky DS, Andersson GB. The value in musculoskeletal care: summary and recommendations. *Semin Arthritis Rheum*, 41:741-744, 2012. PMID: 22483656. No PMC

344. Pisetsky DS, Ward MM. Advances in the treatment of inflammatory arthritis. *Best Pract Res Clin Rheumatol*, 26:251-261, 2012. PMID: 22794097. PMCID: PMC3461328.
345. Harrill AH, Roach J, Fier I, Eaddy JS, Kurtz CL, Antoine DJ, Spencer DM, Kishimoto TK, Pisetsky DS, Park BK, Watkins PB. The effects of heparins on the liver: application of mechanistic serum biomarkers in a randomized study in healthy volunteers. *Clin Pharmacol Ther*, 92:214-220, 2012. PMID: 22739141. No PMC
346. Stearns NA, Lee J, Leong KW, Sullenger BA, Pisetsky DS. The inhibition of anti-DNA binding to DNA by nucleic acid binding polymers. *PLoS ONE*, 7:e40862, 2012. PMID: 22808279. PMCID: PMC3394750.
347. Pisetsky DS. The LE cell: crime scene or crime stopper? *Arthritis Res Ther*, 14:120, 2012. PMID: 22738266. PMCID: PMC3446528.
348. Pisetsky DS. 4th International Forum on Rheumatoid Arthritis: Great Times Near the Great Wall. *Arthritis Res Ther* 14:125, 2012. PMID: 23025638. PMCID: PMC3580510.
349. Pisetsky DS. Microparticles as autoantigens: making immune complexes big. *Arthritis Rheum*, 64:958-961, 2012. PMID: 22237935. No PMC
350. Beyer C, Pisetsky DS. Modeling nuclear molecule release during in vitro cell death. *Autoimmunity* 46:298-301, 2013. PMID: 23244202. No PMC
351. Kim Y, Trace SE, Brownley KA, Hamer RM, Pisetsky DS, Sullivan PF, Bulik CM. Assessment of gene expression in peripheral blood using RNA-seq before and after weight restoration in anorexia nervosa. *Psychiatry Res* 210:287-293, 2013. PMID: 23778302
352. Soop A, Hallstrom L, Frostell C, Wallen H, Mobarrez, Pisetsky DS. Effect of endotoxin administration on the number, phenotype and content of nuclear molecules in blood microparticles of normal human subjects. *Scand J Immunol* 78:205-213, 2013. PMID: 23679665. No PMC
353. Ullal AJ, Pisetsky DS. The role of microparticles in the generation of immune complexes in murine lupus. *Clin Immunol*, 146:1-9, 2013. PMID: 23159786. PMCID: PMC3551532.
354. Pisetsky DS. Standardization of anti-DNA antibody assays. *Immunol Res* 56:420-424, 2013. PMID: 23579774. No PMC
355. Stolberg-Stolberg JA, Furman BD, Garrigues NW, Lee J, Pisetsky DS, Stearns NA, DeFrate LE, Guilak F, Olson SA. Effects of cartilage impact with and without fracture on chondrocyte viability and the release of inflammatory markers. *J Orthop Res* 31:1283-1292, 2013. PMID: 23620164. No PMC
356. Clowse MEB, Wallace DJ, Weisman M, James A, Criscione-Schreiber LG, Pisetsky DS. Predictors of preterm birth in patients with mild systemic lupus erythematosus. *Ann Rheum Dis*, 2013 Jan 29. [Epub ahead of print], 2013. PMID: 23361085. No PMC

357. Pisetsky, DS. Translation, treatises and tweets. *Arthritis Care Res (Hoboken)* 65:839-842, 2013. PMID: 23401416. No PMC
358. Pisetsky, DS. The butterfly rash of lupus: An example of aposematism? *Arthritis Res Ther* 15:106, 2013. PMID: 23425372. PMCID: PMC3672680.
359. Dye JR, Ullal AJ, Pisetsky DS. The role of microparticles in the pathogenesis of rheumatoid arthritis and SLE. *Scand J Immunol* 78:140-148, 2013. PMID: 23672591. No PMC
360. Pisetsky DS. The danger of sex and death in autoimmunity: lessons from Scarf1 deficient mice. *Nature Immunol* 14:888-889, 2013. PMID: 23959178. No PMC
361. Pisetsky DS. The choosing wisely initiative: does it have your back? *Arthritis Res Ther* 15:117, 2013. PMID: 23998494. No PMC
362. Pisetsky DS. The effectors of innate immunity: DAMPS, DAMEs or DIMEs? *Arthritis Res Ther* 15:123, 2013. PMID: 24172019. No PMC
363. Pisetsky DS. Immune activation by histones: Pluses and minuses in inflammation. *Eur J Immunol* 43:3163-3166, 2013. PMID: 24165954
364. Spencer DM, Gauley J, Pisetsky DS. The properties of microparticles from RAW 264.7 macrophage cells undergoing in vitro activation or apoptosis. *Innate Immun* 20:239-238, 2014. PMID: 23839527. No PMC
365. Pisetsky DS. The translocation of nuclear molecules during inflammation and cell death. *Antioxid Redox Signal* 20:1117-1125, 2014. PMID: 23373769.
366. Wang, X, Stearns NA, Li X, Pisetsky DS. The effect of polyamines on the binding of anti-DNA antibodies from patients with SLE and normal human subjects. *Clin Immunol* 153:94-103, 2014. PMID: 24732074
367. Magna M, Pisetsky DS. The role of HMGB1 in the pathogenesis of inflammatory and autoimmune diseases. *Mol Med* 20:138-146, 2014. PMID: 24531836
368. Mobarrez F, Antoniewicz L, Bosson JA, Kuhl J, Pisetsky DS, Lundback M. The effects of smoking on levels of endothelial progenitor cells and microparticles in the blood of healthy volunteers. *PLoS One* 9:e90314, 2014. PMID: 24587320
369. Pisetsky DS. The expression of HMGB1 on microparticles released during cell activation and cell death in vitro and in vivo. *Mol Med* 20:158-163, 2014. PMID: 24618884
370. Leuchten N, Bauernfeind B, Kuttner J, Stamm, T, Smolen JS, Pisetsky DS, Arknger M. Relevant concepts of functioning for patients with systemic lupus erythematosus identified in a Delphi exercise of experts and a literature review. *Arthritis Care Res* 2014 May 16. Doi 10.1002/acr 22372. (Epub ahead of print) PMID: 24839085

371. Spencer DM, Mobarrez F, Wallen H, Pisetsky DS. The expression of HMGB1 on microparticles from jurkat and HL-60 cells undergoing apoptosis in vitro. *Scand J Immunol* 80:101-110, 2014. PMID: 24846056
372. Ullal AJ, Marion TN, Pisetsky DS. The role of antigen specificity in the binding of murine monoclonal anti-DNA antibodies to microparticles from apoptotic cells. *Clin Immunol* 154: 178-187, 2014. PMID: 24873886
373. Pisetsky DS. The complex role of DNA, histones and HMGB1 in the pathogenesis of SLE. *Autoimmunity* 2014. 11:1-7. PMID: 24916843
374. Mobarrez F, Sjovik C, Soop A, Hallstrom L, Frostell C. Pisetsky DS, Wallen H. CD40L expression in plasma of volunteers following LPS administration: a comparison between assay of CD40L on platelet microvesicles and soluble CD40L. *Platelets* 2014. June 25:1-5. PMID: 24964251.
375. Pisetsky DS, Trace SE, Brownley KAI, hamer RM, Zucker NL, Roux-Lombard P, Dayer JM, Bulik CM. The expression of cytokines and chemokines in the blood of patients with severe weight loss from anorexia nervosa: an exploratory study. *Cytokine* 2014. 69:110-115. PMID: 25022969.
376. Pisetsky DS. Tumor necrosis factor: is it time to change the name? *Arthritis Res Ther* 16:108, 2014. PMID: 25166863
377. Pisetsky DS. Gout, tophi and the wonders of NETs. *Arthritis Res Ther* 16:431, 2014. PMID: 25606589.
378. Pisetsky DS. Rheumatoid vasculitis: going, going, but not yet gone. *Arthritis Res Ther* 17:116, 2015.
379. Magna M, Pisetsky, DS. The role of cell death in the pathogenesis of SLE: Is pyroptosis the missing link? *Scand J Immunol* 82: 218-224, 2015. PMID: 26118732
380. Mobarrez F, Abraham-Nordling M, Aguilera-Gatica K, Friberg I, Antovoc A, Pisetsky DS, Jorneskog G, Wallen H. The expression of microvesicles in the blood of patients with Graves' disease and its relationship to treatment. *Clin Endocrinol* Aug. 2015. PMID: 26252432.
381. Pisetsky DS. Anti-DNA antibodies – quintessential biomarkers of SLE. *Nat Rev Rheumatol*. Nov. 2015. PMID: 26581343.
382. Mobarrez F, Sjovik C, Soop A, Hallstrom L, Frostell C, Pisetsky DS, Wallen H. CD40L expression in plasma of volunteers following LPS administration: a comparison between assay of CD40L on platelet microvesicles and soluble CD40L. *Platelets* 26:486-490, 2015. PMID: 24964251.
383. Pisetsky DS. Anti-DNA antibodies – quintessential biomarkers of SLE. *Nat Rev Rheumatol* 12:102-110, 2016. PMID: 26581343.
384. Sokolove J, Pisetsky DS. Bone loss, pain and inflammation: three faces of ACPA in RA pathogenesis. *Ann Rheum Dis* 75:637-639, 2016. PMID: 26768407.

385. Magna M, Pisetsky DS. The alarmin properties of DNA and DNA-associated nuclear proteins. *Clin Ther* 38:1029-1041, 2016. PMID: 27021604.
386. Stearns NA, Pisetsky DS. The role of monogamous bivalency and Fc interactions in the binding of anti-DNA antibodies to DNA antigen. *Clin Immunol* 166:38-47, 2016. PMID: 27083935.
387. Schett G, Emery P, Tanaka Y, Burmester G, Pisetsky DS, Naredo E, Fautrel B, van Vollenhoven R. Tapering biologic and conventional DMARD therapy in rheumatoid arthritis: current evidence and future directions. *Ann Rheum Dis* 75:1428-1437, 2016. PMID: 27261493.
388. Pisetsky DS. Modified Framingham risk score predicted 10-y CAD better than the original score in patients with lupus. *Ann Intern Med* 164:JC71, 2016. PMID: 27323267.
389. Pisetsky DS. The role of mitochondria in immune-mediated disease: the dangers of a split personality. *Arthritis Res Ther* 18:169, 2016. PMID: 27424174.
390. Stearns NA, Zhou S, Petri M, Binder SR, Pisetsky DS. The use of poly-L-lysine as a capture agent to enhance the detection of antinuclear antibodies by ELISA. *PLoS One* 11:e0161818, 2016. PMID: 27611194.
391. Mobarrez F, Vikerfors A, Gustafsson JT, Gunnarsson I, Zickert A, Pisetsky DS, Wallen H, Svenungsson E. Microparticles in the blood of patients with systemic lupus erythematosus (SLE): phenotypic characterization and clinical associations. *Sci Rep* 6:36025, 2016. PMID: 27777414.
392. Pisetsky DS, Rovin BH, Lipsky PE. Biomarkers as entry criteria for clinical trials of new therapies for systemic lupus erythematosus: the example of ANA and anti-DNA. *Arthritis Rheumatol* 69:487-493, 2017. PMID: 27899010.
393. Pisetsky DS. Mechanisms of chromatin remodeling and repurposing during extracellular translocation. *Adv Protein Chem Struct Biol* 106:113-137, 2017. PMID: 28057209.
394. Pisetsky DS. EULAR recommendations for disease management: guidance not guidelines. *Ann Rheum Dis* 76:935-938, 2017. PMID: 28465346.
395. Pisetsky DS. Antinuclear antibody testing – misunderstood or misbegotten? *Nat Rev Rheumatol* 13:495-502, 2017. PMID: 28541299.
396. Shoda LK, Battista C, Siler SQ, Pisetsky DS, Watkins PB, Howell BA. Mechanistic modelling of drug-induced liver injury: investigating the role of innate immune responses. *Gene Regul Syst Bio* May 30, 2017. PMID: 28615926.
397. Pisetsky DS. Advances in the treatment of rheumatoid arthritis: costs and challenges. *NC Med J* 78:337-340, 2017. PMID: 28963273.
398. Borenstein DG, Hassett AL, Pisetsky DS. Pain management in rheumatology research, training, and practice. *Clin Exp Rheumatol* 35(Suppl 107):2-7, 2017. PMID: 28967362.

399. Pisetsky DS. The role of microparticles in the pathogenesis of SLE: a new look at an old paradigm. *Lupus Sci Med* 4:e000220, 2017. PMID: 29071092.
400. Zerwas S, Larsen JT, Petersen L, Thornton LM, Quaranta M, Koch SV, Pisetsky D, Mortensen PB, Bulik CM. Eating disorders, autoimmune, and autoinflammatory disease. *Pediatrics* 140: 2017. PMID: 29122972.
401. Pisetsky DS. The biological functions of DNA: from the sublime to the slime. *Arthritis Res Ther* 19:275, 2017. PMID: 29246183.
402. Spencer DM, Dye JR, Piantadosi CA, Pisetsky DS. The release of microparticles and mitochondria from RAW 264.7 murine macrophage cells undergoing necroptotic cell death in vitro. *Exp Cell Res* 363:151-159, 2018. PMID: 29291399.
403. Frank-Bertoncelj M, Pisetsky DS, Kolling C, Michel BA, Gay RE, Jungel A, Gay S. TLR3 ligand poly(I:C) exerts distinct actions in synovial fibroblasts when delivered by extracellular vesicles. *Front Immunol* 9:28, 2018. PMID: 29434584.
404. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Assay variation in the detection of antinuclear antibodies in the sera of patients with established SLE. *Ann Rheum Dis* 77:911-913, 2018. PMID: 29440000.
405. Pisetsky DS. How the gut inflames the joints. *Ann Rheum Dis* 77:634-635, 2018. PMID: 29500164.
406. Naqvi I, Gunaratne R, McDade JE, Moreno A, Rempel RE, Rouse DC, Herrera SG, Pisetsky DS, Lee J, White RR, Sullenger BA. Polymer-mediated inhibition of pro-invasive nucleic acid DAMPs and microvesicles limits pancreatic cancer metastasis. *Mol Ther* 26:1020-1031, 2018. PMID: 29550075.
407. Pisetsky DS, Lipsky PE. The role of ANA determinations in classification criteria for SLE. *Arthritis Care Res* March 26, 2018. PMID: 29579355.
408. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to: 'Lack of standardization of ANA and implications for drug development and precision medicine' by Mahler. *Ann Rheum Dis* March 28, 2018. PMID: 29592916.
409. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to: 'Unending story of the indirect immunofluorescence assay on Hep-2 cells: old problems and new solutions?' by Meroni et al. *Ann Rheum Dis* April 28, 2018. PMID: 29705742.
410. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to: 'Variation in antinuclear antibody detection by automated indirect immunofluorescence analysis' by van Hoovels et al. *Ann Rheum Dis* May 5, 2018. PMID: 29730638.
411. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to: 'Pitfalls of antinuclear antibody detection in systemic lupus erythematosus: the positive experience of a national multi-center study' by Pregalato et al. *Ann Rheum Dis* May 5, 2018. PMID: 29730639.

412. Pisetsky DS. Effects of immune checkpoint inhibitors on B cells: relationship to immune-related adverse events. *Ann Rheum Dis* 77:795-796, 2018. PMID: 29724733.
413. Pisetsky DS. Role of Epstein-Barr virus infection in SLE: gene-environment interactions at the molecular level. *Ann Rheum Dis* June 1, 2018. PMID: 29858172.
414. Putterman C, Pisetsky DS, Petri M, Caricchio R, Wu AHB, Sanz I, Oates JC, Wallace S, Sorek R, Gerwien R, Safer P, Jakobi-Brook K, Cohen IR. The SLE-key test serological signature: new insights into the course of lupus. *Rheumatology* June 4, 2018. PMID: 29873771.
415. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to 'Antinuclear antibody as entry criterion for classification of systemic lupus erythematosus: pitfalls and opportunities' by Bossuyt et al. *Ann Rheum Dis* June 23, 2018. PMID: 29936440.
416. Mobarrez F, Svenungsson E, Pisetsky DS. Microparticles as autoantigens in system lupus erythematosus. *Eur J Clin Invest* July 30:e1310, 2018. PMID: 30062774.
417. Stamm TA, Machold K, Aletaha D, A;asto F, Lipsky P, Pisetsky, D, Landewe R, van der Heijfe D, Sepriano A, Aringer M, Boumpas D, Burmester G, Cutolo M, Ebner W, Graninger W, Huizinga T, Schett G, Schulze-Koops H, Tak P, Martin-Mola E, Breedveld F, Smolen J. Induction of sustained remission in early inflammatory arthritis with the combination of infliximab plus methotrexate: the DINORA trial. *Arthritis Res Ther* 20:174, 2018. PMID: 30092827.
418. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to 'ANA testing in "real life"' by Infantino et al. *Ann Rheum Dis* Nov. 17, 2018. PMID: 30448767.
419. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Antinuclear autoantibodies: discordance among four different assays" by Pacheco et al. *Ann Rheum Dis* Dec. 1, 2018. PMID: 30504443.
420. They C, Witwer KW . . . Pisetsky DS, et al. Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *J Extracell Vesicles* 7: 1535750, 2018. PMID: 30637094.
421. Pisetsky DS. "Lupus Biomarkers," in: Wallace DJ (ed): Dubois' Lupus Erythematosus and Related Syndromes, chapter 50, pp. 631-639, Elsevier 2019.
422. Mobarrez F, Fuzzi E, Gunnarsson I, Larsson A, Eketjall S, Pisetsky DS, Svenungsson E. Microparticles in the blood of patients with SLE: size, content of mitochondria and role in circulating immune complexes. *J Autoimm* 102:142-149, 2019. PMID: 31103269.
423. Pisetsky DS, Thompson DK, Wajdula J, Diehl A, Sridharan S. Variability in antinuclear antibody testing to assess patient eligibility for clinical trials of novel treatments for systemic lupus erythematosus. *Arthritis Rheumatol* 71:1534-1538, 2019. PMID: 31385442.

424. Pisetsky DS, Lipsky PE. Role of antinuclear antibody determinations in classification criteria for systemic lupus erythematosus: comment on the article by Leuchten et al. *Arthritis Care Res* 71:696, 2019. PMID: 29579355.
425. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Lack of standardization of ANA and implications for drug development and precision medicine," by Mahler. *Ann Rheum Dis* May, 2019. PMID: 29592916.
426. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Unending story of the indirect immunofluorescence assay on HEp-2 cells: old problems and new solutions?" by Meroni et al. *Ann Rheum Dis* June 2019. PMID: 29705742.
427. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Variation in antinuclear antibody detection by automated indirect immunofluorescence analysis," by van Hoovels et al. *Ann Rheum Dis* June 2019. PMID: 29730638.
428. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Pitfalls of antinuclear antibody detection in systemic lupus erythematosus: the positive experience of a national multi-center study," by Pregalato et al. *Ann Rheum Dis* June 2019. PMID: 29730639.
429. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Antinuclear antibody as entry criterion for classification of systemic lupus erythematosus: pitfalls and opportunities," by Bossuyt et al. *Ann Rheum Dis* Aug 2019. PMID: 29936440.
430. Pisetsky DS, Clowse MEB, Criscione-Schreiber LG, Rogers JL. A novel system to categorize the symptoms of systemic lupus erythematosus. *Arthritis Care Res* 71:735-741, 2019. PMID: 30354033.
431. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Can solid-phase assays replace immunofluorescence for ANA screening?" by Bizzaro. *Ann Rheum Dis* Jan 2019. PMID: 30659048.
432. Pisetsky DS. The central role of nucleic acids in the pathogenesis of systemic lupus erythematosus. *F1000Res* April 2019. PMID: 31001416.
433. Toes R, Pisetsky DS. Pathogenic effector functions of ACPA: where do we stand? *Ann Rheum Dis* 78:716-721, 2019. PMID: 31005898.
434. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to "Antinuclear antibodies by indirect immunofluorescence and solid phase assays," by Bossuyt et al. *Ann Rheum Dis* May 2019. PMID: 31076389.
435. Pisetsky DS. Unexpected link between mitochondrial DNA and T-cell help in systemic lupus erythematosus. *Ann Rheum Dis* 78:e59, 2019. PMID: 31088799.
436. Toes R, Pisetsky DS. Response to "Comment on editorial 'Pathogenic effector functions of ACPA: where do we stand,'" by Holmdahl. *Ann Rheum Dis* July 2019. PMID: 31270108.

437. Toes R, Pisetsky DS. Response to “How to communicate in science,” by Klareskog et al. *Ann Rheum Dis* Aug 2019. PMID: 31409590.
438. Pisetsky DS, Spencer DM, Rovin BH, Lipsky PE. Role of ANA testing in the classification of patients with systemic lupus erythematosus. *Ann Rheum Dis* Sept 2019. PMID: 31540932.
439. Pisetsky DS, Bossuyt X, Meroni PL. ANA as an entry criterion for the classification of SLE. *Autoimmun Rev* 18:102400, 2019. PMID: 31639513
440. Pisetsky DS. Evolving story of autoantibodies in systemic lupus erythematosus. *J Autoimm* Dec 2019. PMID: 31810857.
441. Weinmann SC, Pisetsky DS. Mechanisms of immune-related adverse events during the treatment of cancer with immune checkpoint inhibitors. *Rheumatology* Dec 2019. PMID: 31816080.
442. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to ‘ANA testing in “real life”’ by Infantino et al. *Ann Rheum Dis* Jan 2020. PMID: 30448767.
443. Pisetsky DS, Spencer DM, Lipsky PE, Rovin BH. Response to “Antinuclear autoantibodies: discordance among four different assays” by Pacheco et al. *Ann Rheum Dis* Jan 2020. PMID: 30504443.
444. Rogers JL, Eudy AM, Pisetsky DS, Criscione-Schreiber LG, Sun K, Doss J, Clowse MEB. Utilizing clinical characteristics and patient-reported outcome measures to categorize lupus subtypes. *Arthritis Care Res* Jan 2020. PMID: 31909888.
445. Pisetsky DS, Spencer DM, Mobarrez F, Fuzzi E, Gunnarsson I, Svenungsson E. The binding of SLE autoantibodies to mitochondria. *Clin Immunol* 212:108349, 2020. PMID: 31982644.
446. Pisetsky DS. Of mice, men and microbes: the impact of the microbiome on immune responses. *Ann Rheum Dis* Feb 2020. PMID: 31988192.
447. Pisetsky DS. The basic and translational science year in review: Confucius in the era of Big Data. *Semin Arthritis Rheum* 50:373-379, 2020. PMID: 32238274
448. Pisetsky DS, Lipsky PE. New insights into the role of antinuclear antibodies in SLE. *Nat Rev Rheum* 16:565-579, 2020. PMID: 32884126.
449. Pisetsky DS. Hopefulness of ‘Hope’. *Ann Rheum Dis* 79:849-850, 2020. PMID: 32414806.
450. Pisetsky, DS, Spencer DM, Lipsky PE, Rovin BH. Response to: “Can solid phase assays replace immunofluorescence for ANA screening?” by Bizzaro. *Ann Rheum Dis* 79:e33, 2020. PMID: 30659048.

451. Toes R, Pisetsky DS. Response to “Comment on editorial ‘Pathogenic effector functions of ACPA: where do we stand’ by Holmdahl. *Ann Rheum Dis* 79:e127, 2020. PMID: 31270108.
452. Pisetsky DS. The value of antinuclear antibody testing and retesting. *Lancet Rheumatol* 2:7e373-374, 2020.
453. Woolf AD, Pisetsky DS, Rodeo SA, Waddell JP, Hagino H, Kaeley GS, Crotty M, Cameron ID, McGuigan L, McGuigan FE, Akesson KE. Clinical advances- from bench to bedside. *Best Pract Res Clin Rheumatol* 34:101598, 2020. PMID: 33153896.
454. Pisetsky DS. Immune phenotypes in individuals positive for antinuclear antibodies: the impact of race and ethnicity. *J Allergy Clin Immunol* Sept 2020. PMID: 32971108.
455. Pisetsky DS. The role of TASL in the pathogenesis of SLE: X marks the spot. *Ann Rheum Dis* Sept 2020. PMID: 32978239.
456. Griffith DM, Jayaram DT, Spencer DM, Pisetsky DS, Payne CK. DNA-nanoparticle interactions: formation of a DNA corona and its effects on a protein corona. *Biointerphases* 15:051006, 2020. PMID: 33003950.
457. Toes R, Pisetsky DS. Response to “How to communicate in science” by Klareskog et al. *Ann Rheum Dis* 79(e165), 2020. PMID: 31409590.
458. Pisetsky DS, Lipsky PE. Reply to “Diagnostic role of anti-DSDNA antibodies: do not forget autoimmune hepatitis.” *Nat Rev Rheumatol* Jan 18, 2021. PMID: 33462416.
459. Rogers JL, Eudy AM, Pisetsky DS, Criscione-Schreiber LG, Sun K, Doss J, Clowse MEB. Using clinical characteristics and patient-reported outcome measures to categorize systemic lupus erythematosus. *Arthritis Care Res* 73:386-393, 2021. PMID: 31909888.
460. Pisetsky DS, Eudy AM, Clowse MEB, Rogers JL. The categorization of pain in systemic lupus erythematosus. *Rheum Dis Clin North Am* 47:215-228, 2021. PMID: 33781491.
461. Pisetsky DS, Voll R, Buzas EI. Editorial: The role of nuclear molecules in the pathogenesis of autoimmune disease. *Front Immunol* 12:737923, 2021. PMID: 34421932.
462. Pisetsky DS. Are DNA-HLA class II interactions the missing link in SLE? *Nat Rev Rheumatol* Aug 19, 2021. PMID: 34413519.
463. Dvergsten JA, Reed AM, Landerman L, Pisetsky DS, Ilkayeva O, Huffman KM. Metabolomics analysis identifies a lipidomic profile in treatment of naïve juvenile dermatomyositis patients versus healthy control subjects. *Rheumatology* June 2021. PMID: 34185053.
464. Pisetsky DS. Some disease-modifying osteoarthritis drugs make small improvements in knee and hip osteoarthritis. *Ann Intern Med* 174:JC104, 2021. PMID: 34487443.

465. Spencer DM, Reyna AG, Pisetsky DS. The binding of monoclonal and polyclonal anti-Z-DNA antibodies to DNA of various species origin. *Int J Mol Sci* 22:8931, 2021. PMID; 34445637.
466. Pisetsky DS, Shaffer R, Armstrong DD, Spencer DM. The interaction of anti-DNA antibodies with DNA antigen: evidence for hysteresis for high avidity binding. *Clin Immunol* 231: 108848, 2021. PMID: 34492381.
467. Belina ME, Spencer DM, Pisetsky DS. The binding mechanisms of antibodies to DNA from health subjects and patients with systemic lupus erythematosus. *Immunohorizons* 5:792-801, 2021. PMID: 34525509
1. McCarty GA, Pisetsky DS. Quantitative expression of anti-DNA antibody in MRL mice. *Fed Proc* 39 (1980):473.
2. Pisetsky DS, McCarty GA, Peters DV. Quantitative expression of autoantibodies in autoimmune MRL mice. *Clin Res* 28 (1980):358A.
3. Pisetsky DS, Peters DV. Measurement of anti-DNA antibodies by an ELISA assay. *Clin Res* 28 (1980):358A.
4. Pisetsky DS. Idiotypic analysis of monoclonal autoantibodies from MRL mice. *Clin Res* 30 (1982):354A.
5. Pisetsky DS. Idiotypic analysis of monoclonal autoantibodies from MRL mice. *Arthritis Rheum* 25 (1982):S16.
6. Pisetsky DS, Caster SA, Lerner EA. Idiotypic analysis of a monoclonal anti-Sm antibody. *Fed Proc* 41 (1982):128.
7. Pisetsky DS, Caster SA. Frequency of precursors for anti-DNA antibodies in spleens of normal and autoimmune mice. *Fed Proc* 41 (1982):3150.
8. Cohen PL, Pisetsky DS, Eisenberg RA. Cellular requirements for *in vitro* anti-Sm production in MRL/MP-*lpr/lpr* mice. *Fed Proc* 41 (1982):3134.
9. Pisetsky DS, Caster SA, Steinberg AD. The influence of *xid* on anti-DNA precursors. *Fed Proc* 42 (1983):408
10. Warren RW, Pisetsky DS. The mechanism of B cell activation in B6-*lpr/lpr* mice. *Fed Proc* 42 (1983):1207.
11. Caster SA, Pisetsky DS. Idiotypic crossreaction between an anti-Sm monoclonal antibody and a BALB/c myeloma protein. *Fed Proc* 42 (1983):1377.
12. Warren RW, Pisetsky DS. Anti-DNA hybridomas from B6-*lpr/lpr* mice. *Arthritis Rheum* 26 (1983):S14.

13. Pisetsky DS, Caster SA, Steinberg AD. Cloning of B cells from autoimmune MRL mice. *Clin Res* 31 (1983):350A.
14. Pisetsky DS, Mayus JL. Specificity analyses of monoclonal anti-DNA antibodies. *Clin Res* 32 (1984):508A.
15. Mayus JL, Pisetsky DS. An idiotypic determinant from an anti-DNA antibody is widely shared in mice and rats. *Arthritis Rheum* 27 (1984):S30.
16. Pisetsky DS, Klatt C, O'Donnell M. Specificity analysis of a monoclonal anti-DNA antibody. *Arthritis Rheum* 28 (1985):S20.
17. Pincus SH, Ebling FH, Hahn BH, Pisetsky DS, Ward JR. Immunoglobulin variable region gene arrangements in anti-nuclear antibodies. *Arthritis Rheum* 28 (1985):S35.
18. Pisetsky DS, Klatt C, Roths JB. The influence of *Yaa* on B6-*lpr* anti-DNA responses. *Arthritis Rheum* 28 (1985):S95.
19. Pisetsky DS, Mayus JL. Cyclosporine inhibition of *in vitro* murine anti-DNA responses. *Clin Res* 33 (1985):385A.
20. Pisetsky DS, Klatt C, O'Donnell M. Expression of shared idiotypes on monoclonal anti-Sm and anti-DNA antibodies. *Clin Res* 33 (1985):592A.
21. Gorelick M, Haughton G, Pisetsky DS. Cyclosporine inhibition of murine B cell lymphomas. *Clin Res* 34 (1986):494A.
22. Dang-Vu AP, Pisetsky DS, Weinberg JB. Enhanced hydrogen peroxide secretion by macrophages from autoimmune MRL-*lpr* mice. *Clin Res* 34 (1986):616A.
23. Karounos DG, Pisetsky DS, Haynes BF. Production of a monoclonal antibody that defines a nuclear matrix associated, chromatin bound, autoantigen. *Clin Res* 34 (1986):704A.
24. Pisetsky DS, Klatt C. Inhibition of *in vitro* NZB anti-DNA responses by cyclosporine. *Clin Res* 34 (1986):705A.
25. Eisenberg RA, Craven SY, Pisetsky DS, Shores EW, Cohen PL. Anti-Sm autoantibodies enhance their own production by a positive feedback mechanism. *Arthritis Rheum* 30 (1987):S21.
26. St. Clair EW, Pisetsky DS, Reich CF, Chambers JC, Keene JD. Antibodies against recombinantly derived La fusion protein measured by enzyme-linked immunosorbent assay (ELISA). *Arthritis Rheum* 30 (1987):S46.
27. Shores EW, Pisetsky DS, Eisenberg RA, Cohen PL. The induction of anti-Sm antibodies in normal and autoimmune mice. *Arthritis Rheum* 30 (1987):S46.

28. St. Clair EW, Pisetsky DS, Chambers J, Reich CF, Keene JD. Human autoantibodies recognize multiple epitopes on recombinant La fusion proteins. *Arthritis Rheum* 31 (1988):S19.
29. St. Clair EW, Query CC, Pisetsky DS, Keene JD. Lupus sera frequently recognize cloned U1 RNP-associated 70k fusion protein. *Arthritis Rheum* (1988):S64.
30. Shergy WJ, Sinclair HD, Kredich DW, Pisetsky DS. Anticardiolipin antibodies in pediatric SLE. *Arthritis Rheum* (1988):S78.
31. St. Clair EW, Pisetsky DS, Chambers JC, Reich CF, Keene JD. Human autoantibodies recognize multiple epitopes on recombinant La fusion proteins. *Clin Res* 36 (1988):537A.
32. Grudier JP, Gilkeson GS, Pisetsky DS. Induction of anti-DNA antibodies in normal mice. *Clin Res* 36 (1988):532A.
33. Gilkeson GS, Ruiz P, Grudier JP, Pisetsky DS. Genetic control of arthritis in *lpr* congenic mice. *Arthritis Rheum* 32 (1989):S88.
34. Pisetsky DS, Grudier JP. The interaction of anti-DNA antibodies with *E. coli* β -galactosidase. *Arthritis Rheum* 32 (1989):S22.
35. St. Clair EW, Pisetsky DS, Burch JAJr., Keene JD. Variations in serum autoantibody levels to La epitopes on recombinant fusion proteins. *Arthritis Rheum* 32 (1989):S26.
36. Polisson RP, St. Clair EW, Pisetsky DS. Prevalence of autoantibodies to recombinant La and U1 (RNP) 70k proteins in patients with early connective tissue diseases. *Arthritis Rheum* 32 (1989):S117.
37. Gilkeson GS, Pisetsky DS. Effect of DNA methylation on antigenicity. *Arthritis Rheum* 32(1989):S127.
38. Gilkeson GS, Ruiz P, Grudier JP, Pisetsky DS. Genetic control of arthritis in *lpr* congenic mice. *Clin Res* 37 (1989):507A.
39. Polisson RP, St. Clair EW, Pisetsky DS. Prevalence of autoantibodies to recombinant La and U1 (RNP) 70k proteins in patients with early connective tissue diseases. *Clin Res* 37 (1989):510A.
40. St. Clair EW, Pisetsky DS, Burch JA Jr., Keene JD. Variations in serum autoantibody levels to La epitopes on recombinant fusion proteins. *Clin Res* 37 (1989):588A.
41. Gilkeson GS, Pritchard J, Pisetsky DS. Specificity of induced anti-DNA responses. *Arthritis Rheum* 33 (1990):54S.
42. Gilkeson GS, Ruiz P, Pritchard AJ, Pisetsky DS. Genetic control of arthritis in congenic *lpr* mice. *Arthritis Rheum* 33 Supp. (1990):C103.
43. Retter MW, Davignon JL, Eisenberg RA, Cohen PL, Bloom DD, Pisetsky DS, Shlomchik M, Weigert M, Clarke SH. Anti-Sm hybridomas from MRL/*lpr* mice show diverse variable gene usage and clonality. *Arthritis Rheum* 33 Supp. (1990): A60.

44. Bloom D, Davignon JL, Eisenberg RA, Cohen PL, Pisetsky DS, Retter M, Shlomchik M, Weigert M, Clarke S. Relationship between the anti-Sm and anti-DNA autoantibody responses in MRL/lpr mice. *Arthritis Rheum* 33 Supp. (1990):A45.
45. Vernino L, Pisetsky DS, Lipsky PE. Analysis of the expression of CD5 by human B cells and correlation with functional activity. *Arthritis Rheum* 33 Supp. (1990):A32.
46. Gilkeson G, Pisetsky D. Effect of Procainamide induced DNA alterations on DNA antigenicity. *Arthritis Rheum* 33 Supp. (1990):58S.
47. Gilkeson G, Pritchard J, Pisetsky D. Specificity of induced anti-DNA responses. *Arthritis Rheum* 33 Supp. (1990):54S.
48. Armitage J, Wu DP, Gilkeson GS, Reich CF, Pisetsky DS. Selective recognition of DNA antigenic determinants by murine anti-DNA monoclonal antibodies. *Clin Res* 38 (2) 1990:276A.
49. Gilkeson GS, Pritchard AJ, Pisetsky DS. Cellular requirements for anti-DNA production in mice immunized with bacterial DNA. *Clin Res* 38 (2) 1990:316A.
50. St. Clair EW, Kenan D, Burch JA Jr., Keene JD, Pisetsky DS. The fine specificity of anti-La antibodies induced in mice by immunization with recombinant human La autoantigen. *Clin Res* 38 (2) 1990:365A.
51. St. Clair EW, Kenan D, Burch JA Jr., Keene JD, Pisetsky DS. Spontaneous anti-La antibody production by MRL-lpr/lpr mice. *Clin Res* 38 (2) 1990:459A.
52. Gilkeson GS, Ruiz P, Pisetsky DS. Induction of immune mediated glomerulonephritis in normal mice by bacterial DNA immunization. *Arthritis Rheum* 34 Supp. (1991):P3S.
53. Gilkeson GS, Bloom D, Pisetsky DS, Clarke S. Molecular analysis of anti-DNA antibodies induced by bacterial DNA immunization. *Arthritis Rheum* 34 (9) Supp. 1991:12.
54. Dooley MA, Pisetsky DS, Dawson DV, Polisson RP. Soluble serum IL-2 receptor levels in refractory RA: trends during MTX therapy. *Arthritis Rheum* 34 (9) Supp. 1991:22.
55. Dooley MA, Messina JP, Gilkeson GS, Spritzer CE, Pisetsky DS. MRI features in early RA: correlation with clinical and immunological response to NSAID therapy. *Arthritis Rheum* 34 (9) Supp. 1991:186.
56. Dooley MA, Dawson DV, Cush JJ, Lipsky PE, Pisetsky DS. Soluble serum IL-2 receptor, CD4, and CD8 levels in early RA: lack of correlation with disease activity. *Arthritis Rheum* 34 (9) Supp. 1991:A150.
57. St. Clair EW, Bloom D, Burch JA Jr., Reich C, Kenan D, Clarke S, Pisetsky DS. Specificity of monoclonal anti-La antibodies derived from an autoimmune mouse. *Arthritis Rheum* 34 (9) Supp. 1991:B6.

58. Gilkeson GS, Ruiz P, Lefkowitz J, Pisetsky DS. Induction of immune mediated glomerulonephritis in normal mice immunized with bacterial DNA. *Arthritis Rheum* 35(9) Supp. 1992:S208.
59. Gilkeson GS, Wong Y, Pisetsky DS, Kotzin BL. T cell V α usage in lymphocytes derived from kidneys of MRL-*lpr* mice. *Arthritis Rheum* 35(9) Supp. 1992:S207.
60. Gilkeson GS, Pippen AM, Rao J, Seldin MF, Pisetsky DS. Correlation of serological abnormalities with disease expression in interspecific backcross *lpr* mice. *Arthritis Rheum* 35(9) Supp. 1992:S207.
61. Dooley MA, Pisetsky DS, Scarlett EL, Gilkeson GS, Collins AJ, Spritzer CE. Longitudinal MRI studies in early RA: correlation with clinical and radiographic disease activity. *Arthritis Rheum* 35 (9) Supp. 1992:S196.
62. Pyun EH, Pisetsky DS. Soluble CD2 levels of rheumatoid arthritis (RA). *Arthritis Rheum* 35(9) Supp. 1992:S144.
63. Dooley MA, Pisetsky DS, Dawson DV, Polisson RP. Soluble CD4 and CD8 levels in refractory RA: correlations with disease activity during MTX therapy. *Arthritis Rheum* 35 (9) Supp. 1992:S144.
64. Messina JP, Kenan DJ, Keene JD, Pisetsky DS. In vitro selection of double stranded DNA molecules that bind an anti-DNA antibody. *Arthritis Rheum* 35 (9) Supp. 1992:S72.
65. Rao JK, Gilkeson GS, Ruiz P, Pisetsky DS, Eicher EM, Watson ML, Seldin MF. Identification of a marker closely linked to the *lpr* mutation and a renal disease modifying locus in autoimmune MRL mice. *Clin Res* 40 (2) 1992:298A.
66. Spurney RF, Ruiz P, Sanfilippo F, Pisetsky DS, Coffman TM. Chronic thromboxane (TX) receptor blockade reduces glomerular immune deposits and renal injury in murine lupus nephritis. *Clin Res* 39 (2) 1991:183A.
67. Gilkeson GS, Pippen AM, Pisetsky DS. Anti-DNA antibodies from C3H-*lpr* mice are not polyreactive despite V μ sequence similarities with anti-DNA derived from MRL-*lpr* mice. *Clin Res* 41 (2) 1993:135A.
68. Gilkeson GS, Pippen AM, Pisetsky DS. Effects of immunization of preimmune NZB/W mice with bacterial dsDNA on antibody production and renal disease. *Arthritis Rheum*. 37(9) Supplement (1994) 374: S222.
69. Pisetsky DS, Halpern MD. The effect of phosphorothioate oligonucleotides on the *in vitro* production of IFN- γ by mouse spleen cells. *Arthritis Rheum*. 37(9) Supplement (1994) 885:S308.
70. Fermor B, Bodduluri H, Weinberg JB, Pisetsky DS, Guilak F. Interplay of nitric oxide synthase (NOS), cyclooxygenase (COX) and lipoxygenase (LOX) pathways in response to of mechanical compression articular cartilage. *American Society for Bone and Mineral Research*. Supplement, in review. 2001.

71. Fermor B, Weinberg JB, Pisetsky DS, Fink C, Misukonis M, Guilak F. Interaction of cyclooxygenase2 (CO2) and nitric oxide synthase2 (NOS2) pathways in response to mechanical compression of articular cartilage explants. *Orthopaedic Research Society*. 2001.
72. Cernanec J, Guilak F, Pisetsky DS, Weinberg JB, Fermor B. Influence of hypoxia/reoxygenation on cytokine-induced nitric oxide production in cartilage. *Orthopaedic Research Society*. 2001.
73. LeGrand B, Fermor B, Fink C, Pisetsky DS, Vail TP, Weinberg JB, Guilak F. Production of nitric oxide and prostaglandin E2 from human meniscus. *Orthopaedic Research Society*. 2001.

Book Review

1. Harbeck RJ, Giclas PC: Diagnostic Immunology Laboratory Manual, *Modern Pathology*, 332 pp, New York, Raven Press, 1991.

Edited Works

1. Pincus SH, Pisetsky DS, Rosenwasser LJ. Biologically based immunomodulators in the therapy of rheumatic diseases. Elsevier, New York, 1986.
2. Pisetsky DS. and Snyderman R.S. Immunology of the rheumatic diseases. *Rheum Dis Clin N Amer* 13 (1987).
3. Pisetsky DS. Antinuclear antibodies. *Rheum Dis Clin N Amer* 18 (1992).
4. Pisetsky DS, Bradley L. Pain Management in the Rheumatic Diseases. *Rheum Dis Clin N Amer* 18 (1999).
5. Pisetsky DS. Apoptosis in the Rheumatic Diseases. *Rheum Dis Clin N Amer* 30 (2004).

Edited Textbooks

1. *Rheumatoid Arthritis* eds. E William St. Clair, David S. Pisetsky, Barton F. Haynes. Lippincott Williams, and Wilkins, Philadelphia 2004.
2. *Handbook of Clinical Gender Medicine* eds. Karein Schenck-Gustafsson, Paula R. DeCola, Donald W. Pfaff, and David S. Pisetsky. Karger, Switzerland 2012.
3. *The ACR at 75: A Diamond Jubilee* ed. David S. Pisetsky. John Wiley & Sons, Inc., New Jersey 2009.

Books

1. Pisetsky DS with Trien, SF. *The Duke University Medical Center Book of Arthritis*, New York, Fawcett and Colombine, 1991.
2. Pisetsky DS. *Chicken Soup for the Soul: Arthritis*, Florida, Health Communications, Inc. 2006.

Short Stories and Essays

1. Pisetsky DS. Mike's Treatment. *Am J Med* 85:543, 1988.
2. Pisetsky DS. Home for a Bunny. *North Carolina Medical Journal* 54 (1993) 655.
3. Pisetsky DS. Second Opinion. *North Carolina Medical Journal* 56 (1995) 120-122.
4. Pisetsky DS. The Breakthrough. *Annals Internal Medicine* 124 (1996) 345-347.
5. Pisetsky DS. Consultation at Twilight. *North Carolina Medical Journal* 56 (1995) 608-610.
6. Pisetsky DS. Do No Harm. *Mediphors* No.5 (1995) 12-14.
7. Pisetsky DS. Final Act. *Arthritis Care Research* 9 (1996) 248-250.
8. Pisetsky DS. Moments of Love. *JAMA* 275 (1996) 433-434.
9. Pisetsky DS. American Dream. *J Med Human* 17 (1996) 203-211.
10. Pisetsky DS. The Checkup. *J Gen Intern Med* 13 (1998) 654-656.
11. Pisetsky DS. Doing Everything. *Ann Intern Med* 128 (1998) 869-870.
12. Pisetsky DS. White Cloud. *Mediphors* 11 (1998) 31-34.
13. Pisetsky DS. What Are We Made Of. *JAMA* 282 (1999) 1112.
14. Pisetsky DS. Till Death Do Us Part. *J Gen Intern Med* 12 (1999) 705-706.
15. Pisetsky DS. A Test of Memory. *J Gen Intern Med* 15 (2000) 70-72.
16. Pisetsky DS. A Chance to Meet Her. *Mediphors* No. 14 (2000) 42-46.
17. Pisetsky DS. Praying for Golden Raisins. *Arthritis Today* 14 (2000) 68-70, 104-105.
18. Pisetsky DS. Getting In. *Harvard Magazine* 102 (2000) 36L-36N.
19. Pisetsky DS. A Strange Place To Be. *J Gen Intern Med* (2001).
20. Pisetsky DS. The Only Lives of Cats. *The Urban Hiker* 3 (2001) 30-33.
21. Pisetsky DS. A Walk on the Beach. *Ann Internal Med* 137 (2002) 366-367.

22. Pisetsky DS. A Medical Education. *Lancet* 359 (2002) 636.
23. Pisetsky DS. Out of Date. *Pharos* 67 (2004) 17-18.
24. Pisetsky DS. Charlie's List, *Ann Intern Med* 153 (2010) 344. PMID: 20820046

Funding – 1982 to present

1. Title: Training Program in Inflammatory and Immunological Diseases
Sponsor: NIH – 5T32AI007217
Dates: 1982 - present
Award: N/A
2. Title: SCOR in Rheumatoid Arthritis: Small Molecule Inhibitors in RA
Sponsor: NIH – 5P50AR39162
Dates: 09/01/1998 – 08/31/2003
Award: \$1,134,882
3. Title: Genetic Analysis of Rheumatoid Arthritis Sibling Pairs
Sponsor: North Shore University Hospital Agreement
Dates: 09/01/1998 – 10/31/2000
Award: 143,811
4. Title: Mechanisms of Anti-DNA Production in Autoimmune Mice
Sponsor: VA Merit Review Grant
Dates: 04/01/1999 – 03/31/2002
Award: \$324,191
5. Title: Target Identification in Lupus
Sponsor: Arthritis Foundation Biomedical Science
Dates: 07/01/1999 – 06/30/2002
Award: \$245,000
6. Title: Mechanisms of Anti-DNA Production in Autoimmune Mice
Sponsor: NIH – 1R21AI044808
Dates: 09/30/2000 – 09/29/2001
Award: \$87,383
7. Title: Immune Modulation by DNA in SLE
Sponsor: Arthritis Foundation Grant
Dates: 02/01/2001 – 06/30/2004
Award: \$490,880
8. Title: The Immunomodulatory Effects of DNA in SLE
Sponsor: NIH – 5R01AI044808
Dates: 04/15/2001 – 3/31/2007
Award: \$1,289,345
9. Title: Mechanisms of Anti-DNA Production in SLE

- Sponsor: VA Merit Review Grant
Dates: 04/01/2002 – 03/31/2005
Award: \$402,600
10. Title: Strategies for Evaluating and Treating Early Synovitis
Sponsor: NIH – 5R21AR050880
Dates: 09/25/2003 – 06/30/2006
Award: \$86,760
 11. Title: Prospective Registry to Study the Course of SLE in Patients
Sponsor: Lupus Clinical Trials Consortium Agreement
Dates: 01/01/2004 – 12/31/2008
Award: \$430,670
 12. Title: The Role of HMGB1 in the Pathogenesis of SLE
Sponsor: Lupus Research Institute Grant
Dates: 04/01/2004 – 03/31/2009
Award: \$229,112
 13. Title: Nitric Oxide, Oxygen and Mechanical Stress in Cartilage
Sponsor: NIH – 5R01AR049790
Dates: 08/01/2004 – 07/31/2009
Award: \$197,909
 14. Title: Planning an Early RA Prevention Trial
Sponsor: NIH – 1R34AR052465
Dates: 08/01/2005 – 07/31/2006
Award: \$29,865
 15. Title: Microparticles in the Pathogenesis of SLE
Sponsor: Lupus Foundation of America Grant
Dates: 10/01/2007 – 09/30/2009
Award: \$60,000
 16. Title: Mechanisms of Autoimmunity in SLE
Sponsor: VA Merit Review Grant
Dates: 10/01/2007 – 09/30/2010
Award: \$460,000
 17. Title: Biomechanics and Inflammation in Cartilage
Sponsor: NIH – 5P01AR050245
Dates: 09/01/2008 – 08/31/2013
Award: \$511,676
 18. Title: Idera/Duke Research Agreement
Sponsor: Idera Pharmaceuticals
Dates: 10/01/2008 – 09/31/2012
Award: \$60,000
 19. Title: Immune Tolerance Network: Start Up Phase for Study Initiation

- Sponsor: UCSF Agreement
Dates: 02/01/2009 – 12/31/2009
Award: \$15,610
20. Title: The Role of Microparticles in the Pathogenesis of SLE
Sponsor: Alliance for Lupus Research
Dates: 02/01/2009 – 01/31/2010
Award: \$121,099
 21. Title: Microparticles as a Source of Nuclear Antigens in SLE
Sponsor: NIH – 5R21AI082402
Dates: 05/22/2009 – 03/31/2012
Award: \$353,375
 22. Title: The Role of Sex in Self-Antigen Generation in SLE
Sponsor: NIH – 5R21AI083923
Dates: 07/17/2009 – 6/30/2012
Award: \$353,375
 23. Title: Kirkland Scholar Award
Sponsor: Hospital for Special Surgery
Dates: 07/01/2010 – 06/30/2013
Award: \$180,000
 24. Title: Pilot Study: Nucleic Acid Binding Polymers as a Novel Therapy for Autoimmune Disease
Sponsor: Autoimmune Center for Excellence
Date: 05/01/2011 – 04/30/2014
Award: \$275,000
 25. Title: Mechanisms of Autoimmunity in SLE
Sponsor: VA Merit Review Grant
Dates: 07/01/2011 – 06/30/2015
Award: \$600,000
 26. Title: Nucleic Acid Binding Polymers in the Treatment for SLE
Sponsor: Alliance for Lupus Research Grant
Dates: 08/01/2011 – 07/31/2014
Award: \$552,459
 27. Title: Nucleic Acid Binding Polymers as Anti-Inflammatory Agents
Sponsor: NIH – 1R56AI093960
Dates: 09/01/2011 – 08/31/2012
Award: \$250,000
 28. Title: Obesity, Biomechanics and Inflammation in Osteoarthritis
Sponsor: NIH – 1R01AG046927
Dates: 09/30/13 – 07/31/18
Award: \$317,416