CURRICULUM VITAE

Daniel Lindsley Kastner

Place of Birth	Lockport, New York
Marital Status	Married, two children

Education

1973	AB, Princeton University, *summa cum laude* Princeton, New Jersey Major: Philosophy
1979	PhD, Baylor College of Medicine Houston, Texas Department of Microbiology and Immunology PhD Thesis: "Role of the *Qa-1* Region in Cell-Mediated Immune Responses" Advisor: Robert R Rich, MD
1982	MD, Baylor College of Medicine, with honor Houston, Texas

Employment

1982-84	Resident in Internal Medicine Baylor College of Medicine Affiliated Hospitals Houston, Texas
1985	Chief Resident in Internal Medicine Baylor College of Medicine Houston, Texas
1985-87	Medical Staff Fellow in Rheumatology National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases National Institutes of Health Bethesda, Maryland
1987-90	Arthritis Foundation Fellow Arthritis and Rheumatism Branch (ARB) National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) National Institutes of Health Bethesda, Maryland
1990-93	Senior Staff Fellow ARB/NIAMS/NIH
1992-95	Acting Chief, Genetics Section ARB/NIAMS/NIH
1993-2001	Senior Investigator ARB/NIAMS/NIH

1995-2001	Chief, Genetics Section ARB/NIAMS/NIH
2001-2009	Chief, Genetics and Genomics Branch NIAMS/NIH
2005-2010	Clinical Director and Director of Translational Research, Intramural Research Program, NIAMS/NIH
2009-2010	Chief, Laboratory of Clinical Investigation, NIAMS/NIH
2008-2011	Deputy Director for Intramural Clinical Research, NIH
2010-2021	Scientific Director Division of Intramural Research National Human Genome Research Institute (NHGRI)
2019	Acting Clinical Director Division of Intramural Reserarch, NHGRI
2021-present	NIH Distingished Investigator and Chief, Inflammatory Disease Section Metabolic, Cardiovascular and Inflammatory Disease Genomics Branch Division of Intramural Research, NHGRI

Awards and Honors

1969	National Merit Scholarship Princeton University, Princeton, New Jersey
1973	Alexander Guthrie McCosh Prize in Philosophy Princeton University, Princeton, New Jersey
1981	Alpha Omega Alpha Honor Medical Society Baylor College of Medicine, Houston, Texas
1982	Outstanding Student in Internal Medicine Award Baylor College of Medicine, Houston, Texas
1985	Henry D McIntosh Award to the Outstanding Resident in Internal Medicine Baylor College of Medicine Affiliated Hospitals Houston, Texas
1987	Regina S Loeb Fellowship Award National Arthritis Foundation
1995	Election to the American Society for Clinical Investigation
1997	Harry Heller Award for Outstanding Contribution to the Understanding and Treatment of Patients with Familial Mediterranean Fever
1997	NIH Group Merit Award
1999	NIH Director’s Award
2000	Breakthroughs in Arthritis Research Award

	Metro Washington Chapter, Arthritis Foundation
2000	The Paul Klemperer Award New York Academy of Medicine
2000	Lee C. Howley, Sr. Prize for Research in Arthritis National Arthritis Foundation
2001	NIAMS Mentoring Award
2002	Charles W. Thomas Lecture Medical College of Virginia, Virginia Commonwealth University
2003	Ann Hengel Lecture in Rheumatology Children's Hospital of Wisconsin
2003	Kroc Lecture in the Genetics of Immunity and Inflammation The Scripps Research Institute
2003	Top Ten Arthritis Research Advances of 2003 National Arthritis Foundation
2004	Mary Jane Keller Lecture Department of Pediatrics, Yale University School of Medicine
2004	Woodard Colby Memorial Lecture Children's Hospitals and Clinics, Minneapolis, Minnesota
2004	Dr. Morris Ziff Distinguished Lecture in Rheumatology University of Texas Southwestern Medical School
2005	Election to the Association of American Physicians
2005	ACR Distinguished Investigator Award American College of Rheumatology
2006	Edward W. Boland Lecture in Rheumatology Mayo Foundation, Rochester, Minnesota
2006	Jean S. and Ephraim P. Engleman Visiting Professor of Rheumatology, University of California San Francisco
2006	Invited Lecturer, 51st Annual Lowe Conference on Rheumatic Diseases, University of Alabama at Birmingham
2007	Promotion to NIH Distinguished Investigator
2009	James J. Lane Lecture University of Washington School of Medicine
2009	Herman Beerman Lecture Society for Investigative Dermatology
2009	NIH Director's Award

2009	NIH Astute Clinician Lectureship
2010	Election to the National Academy of Sciences of the United States of America
2010	Lewis Cogen Lecture in Rheumatology Maine Medical Center, Portland, Maine
2010	Paul M. and Dorothy E. Seebohm Lecture in Allergy University of Iowa College of Medicine
2011	Walter Bauer Lecture in Rheumatology Massachusetts General Hospital
2011	Sc.D., *honoris causa* Elmezzi Graduate School of Molecular Medicine
2011	Harrison Society Visiting Professor in Medicine Vanderbilt University School of Medicine
2012	Ernest Beutler Lecture The Scripps Research Institute
2012	Invited Special Lecture Fifteenth International Conference on Behçet's Disease
2012	NIH Director's Award
2012	Great Teachers Lecture, NIH Clinical Clinical Center
2012	Election to the Institute of Medicine of the National Academies
2013	Henry Kunkel Lecture The Henry Kunkel Society
2013	Keynote Lecture Summer Frontiers Symposium Nijmegen Institute of Infection, Inflammation and Immunity
2013	Keynote Lecture FASEB Science Research Conference on Autoimmunity
2014	David Trentham Lecture in Rheumatology Beth Israel Deaconess Medical Center, Boston
2014	Keynote Lecture Convergence Day, University of Texas Southwestern Medical School
2014	Keynote Lecture Sixteenth Congress of the Asia Pacific League of Associations for Rheumatology
2014	Keynote Lecture Fourteenth International Symposium on Amyloidosis
2014	Rufus Cole Lecture The Rockefeller University

2014	Opening Keynote Lecture Federation of Clinical Immunology Societies Annual Meeting
2015	The Nelson Lecture University of California, Davis
2015	Distinguished Plenary Lecture World Congress of Dermatology
2015	Thomas Waldmann Award for Excellence in Human Immunology Foundation for Primary Immunodeficiency Diseases
2015	Paul Klemperer Memorial Lecture American College of Rheumatology
2016	Public Lecture Award Irish Society of Immunology
2016	Invited Plenary Lecture Third Congress of the Turkish Pediatric Rheumatology Society
2016	Invited Plenary Lecture 57th Annual Meeting of the Australian Rheumatology Association
2016	Arthur and Mary Robinson Family Endowed Lecture Human Medical Genetics and Genomics Program University of Colorado School of Medicine
2016	Election as Master of the American College of Rheumatology
2016	NHGRI Mentorship Award
2017	Maimon M. Cohen Endowed Lectureship The Harvey Institute for Human Genetics Greater Baltimore Medical Center
2017	Invited Lecturer Fourth International Conference on Primary Immunodeficiency Diseases Bangalore, India
2017	Keynote Lecturer Keystone Conference on Pattern Recognition Signaling, From Innate Immunity to Inflammatory Disease
2017	Keynote Lecture Fourth Conference of Translational Medicine on Pathogenesis and Therapy of Immune-Mediated Diseases, Palermo, Italy
2017	Keynote Lecture American College of Rheumatology Pediatric Rheumatology Symposium (PRSYM)
2017	Ruth L. Kirschstein Mentoring Award National Institutes of Health

2018	Opening Keynote Lecture Advanced Educational Course on Autoinflammatory Syndromes Paediatric Rheumatology European Society Jerusalem, Israel
2018	Fourth Annual Bobby Alford Distinguished Lecture Baylor College of Medicine, Houston, Texas
2018	Opening Keynote Lecture Precision Genomics Midwest 2018, Cincinnati, Ohio
2018	Keynote Lecture University of Pennsylvania Rheumatology Trainee Research Day
2018	Invited Lecture Chinese Clinical Immunology Society Annual Meeting, Hangzhou, China
2018	Distinguished Lecture Series Life Sciences Institute, Zhejiang University, Hangzhou, China
2018	Samuel J. Heyman Service to America ('Sammie') Medal 2018 Federal Employee of the Year
2018	Keynote Lecture Conference Celebrating 70 Years of FMF Research at the Sheba Medical Center Tel Hashomer, Israel
2019	Gladys J. Fashena Lecture in Pediatrics University of Texas Southwestern Medical Center
2019	Opening Lecture Tenth International Congress on FMF and Systemic Autoinflammatory Diseases
2019	Keynote Lecture Patient Organizations Meeting Tenth International Congress on FMF and Systemic Autoinflammatory Diseases
2019	Career Achievement Award U.S. Department of Health and Human Services
2019	Ross Prize in Molecular Medicine The Feinstein Institute for Medical Research
2019	Opening Lecture NIH-WRNMC Symposium on Autoinflammation
2019	Keynote Lecture Novartis Institutes of Biomedical Research Annual Retreat
2019	Keynote Lecture Japan Society of Behçet's Disease Annual Meeting
2020	Invited Lecturer Annual Meeting of the Western Society of Allergy, Asthma, and Immunology

2020	Barbara Ansell Lecture Pediatric Rheumatology European Society (PReS) Annual Meeting
2020	Keynote Lecture Pediatric Dermatology Research Alliance (PeDRA) Annual Meeting
2021	American Medical Association Award for Outstanding Member of the Executive Branch in Career Public Service, for Scientific Achievement
2021	Dunlop-Dottridge Lecture Canadian Rheumatology Association Annual Meeting
2021	Crafoord Prize in Polyarthritis Royal Swedish Academy of Sciences and the Crafoord Foundation
2021	Presidential Award Clinical Immunology Society
2021	Plenary Lecture German Children's and Youth Medicine Conference 2021
2021	Keynote Lecture Lupus Research Alliance Annual Scientific Meeting
2021	Keynote Lecture Fourth Inflammatory Skin Disease Summit
2021	NHGRI Director's Distinguished Service Award
2022	Nathan J. Zvaifler Lecture University of California San Diego School of Medicine
2023	Great Teachers Lecture, NIH Clinical Center
2023	Opening Lecture Biannual Meeting, International Society of Systemic Autoinflammatory Diseases
2023	Rudi Schmid Lecture University of California San Francisco School of Medicine
2023	G. Burroughs Mider Lecture National Institutes of Health
2024	Sudhir Gupta Oration Indian Society for Primary Immunodeficiency Diseases
2024	George M. Kober Medal Association of American Physicians
2024	Keynote Address 43rd European Workshop for Rheumatology Research
2024	Plenary Lecture European Alliance of Organizations for Rheumatology (EULAR) Annual Congress

2024	Plenary Lecture Peripheral Nerve Society Annual Meeting

Patents

2003	U.S. Patent 6,627,745 B1 Daniel L. Kastner et al., Pyrin Gene and Mutations Thereof, which Cause Familial Mediterranean Fever

Medical Licensure

1983	Texas, #G5242

Board Certification

1985	Diplomate of the American Board of Internal Medicine
1990	Diplomate of the Subspecialty Board in Rheumatology

Memberships

1989	American Association of Immunologists
1989	American College of Rheumatology
1994	American Society of Human Genetics
1995	American Society for Clinical Investigation
2005	Association of American Physicians
2010	National Academy of Sciences of the United States of America
2012	National Academy of Medicine (formerly Institute of Medicine)

Committees

1989-90	Biomedical Chapter Grants Subcommittee Arthritis Foundation
1991-92	Molecular Biology/Genetics Study Section Arthritis Foundation
1990-91	Chairman, Institutional Review Board NIDDK/NIAMS Intramural Research Program
1992-98	Member, Institutional Review Board NIDDK/NIAMS Intramural Research Program
1995	Chairman, Search Committee for Tenure-Track Scientist Laboratory of Genetic Disease Research, NHGRI
1995-2010	Member, NIAMS Promotions Panel
1997-1999	Member, Scientific Review Committee

	NIH Intramural Sequencing Center (NISC)
1998-2001	Member, NIH Central Tenure Committee
2000-2005	Member, NIDDK/NIAMS Animal Care and Use Committee
2000-present	Co-Chair, NIH Genetics Interest Group
2003	Member, NIH Director's Blue Ribbon Panel on the Future of Intramural Clinical Research
2003	Member, NINDS Scientific Director's Search Committee
2004	Chair, Genomics and Proteomics Abstract Selection Committee American College of Rheumatology
2005-2006	Basic Science Chair American College of Rheumatology National Meeting
2005	Conference Chair, Fourth International Congress on Systemic Autoinflammatory Diseases, November 6–10, Bethesda, MD
2005-2010	Member, Medical Executive Committee, NIH Clinical Center
2006-2011	Member, NIH Advisory Board for Clinical Research
2007-2009	Member at Large, Scientific Advisory Council, American College of Rheumatology Research and Education Foundation
2008-2011	Chair, NIH Intramural Clinical Research Steering Committee
2008-present	Member, NIH Compensation Committee
2008-present	Member, NIH Clinical Compensation Panel
2010-present	Member, Scientific Advisory Board, Scleroderma Research Foundation
2010-2016	Member, NIAMS Title 42 Pay Committee
2011-2018	Member, NIH Intramural Clinical Research Steering Committee
2012	Chair, NIDDK Scientific Director Search Committee
2013-2016	Member, Advisory Board for Clinical Research Budget Working Group
2014-present	Member, NIH Research Facilities Advisory Committee
2015-2016	Chair, NCI Center for Cancer Research Scientific Director Search Committee
2015-2016	Chair, NIH Clinical Center Budget Working Group
2020	Member, Center for Alzheimer's and Related Dementias Director Search Committee
2020	Chair, NIDCD Scientific Director Search Committee
2020-21	Member, Chief Medical and Scientific Officer Search Committee, *All of Us* Program

2021	Chair, Center for Alzheimer's and Related Dementias Clinical Director Search Committee
2021	Chair, NEI Scientific Director Search Committee
2022	Chair, NHGRI Metabolic Medicine Branch Chief Search Committee
2022-present	Co-Director, Demystifying Medicine Course, NIH
2022-2023	Member, NIAMS Scientific Director Review Committee
2023	Chair, NIAID Laboratory Chief Search Committee
2023	Chair, NCI/CCR Genomics Branch Director Search Committee
2023	Chair, NIAMS Scientific Director Search Committee
2023	Chair, Chief Scientific Officer of the NIH Clinical Center Search Committee

Publications

1. **Kastner DL**, Rich RR, Chu L, Rich SS (1977) Regulatory mechanisms in cell-mediated immune responses. V. *H-2* homology requirement for the production of a minor locus-induced suppressor factor. *J Exp Med* **146**:1152-1157. PMC2180814

2. Rich SS, Rich RR, **Kastner DL** (1978) Suppressor factor activity in cell-mediated immune responses. *J Reticuloendothel Soc* **24**:417-425. PMID:152354

3. **Kastner DL**, Rich RR (1978) Regulation of alloantigen-induced cytotoxic responses by concanavalin A-activated lymphoid cells: suppression by antigen elimination. *J Immunol* **121**:1732-1737. PMID:712063

4. **Kastner DL**, Rich RR (1979) *H-2*-nonrestricted cytotoxic responses to an antigen encoded telomeric to *H-2D*. *J Immunol* **122**:196-201. PMID:84017

5. **Kastner DL**, Rich RR, Shen FW (1979) *Qa-1*-associated antigens. I. Generation of *H-2*-nonrestricted cytotoxic T lymphocytes specific for determinants of the *Qa-1* region. *J Immunol* **123**:1232-1238. PMID:89166

6. **Kastner DL**, Rich RR, Chu L (1979) *Qa-1*-associated antigens. II. Evidence for functional differentiation from H-2K and H-2D antigens. *J Immunol* **123**:1239-1244. PMID:469248

7. Rich RR, Sedberry DA, **Kastner DL**, Chu L (1979) Primary *in vitro* cytotoxic response of NZB spleen cells to *Qa-1*^{b}-associated antigenic determinants. *J Exp Med* **150**:1555-1560. PMC2185726

8. Nell LJ, **Kastner DL**, Rich RR (1980) *Qa-1*-associated antigens. III. Distribution of *Qa-1*-region antigens on lymphoid subpopulations. *J Immunol* **125**:2597-2603. PMID:6159414

9. Smith HR, Yaffe LJ, **Kastner DL**, Steinberg AD (1986) Evidence that Lyb 5 is a differentiation antigen in normal and *xid* mice. *J Immunol* **136**:1194-1200. PMID:3080520

10. **Kastner DL**, Steinberg AD (1988) Determinants of B cell hyper-activity in murine lupus. *Concepts in Immunopathology* **6**:22-88. PMID:3292051

11. Steinberg AD, Klinman DM, Krieg AM, Seldin MF, **Kastner DL** (1988) Approach to the use of antigen nonspecific immunosuppression in systemic lupus erythematosus and other rheumatic autoimmune diseases. *J Autoimmunity* **1**:575-592. doi:10.1016/0896-8411(88)90049-2

12. Papa MZ, Shiloni E, Vetto JT, **Kastner DL**, McDonald HD (1989) Surgical morbidity in patients with systemic lupus erythematosus. *Am J Surg* **157**:295-298. PMID:2919734

13. **Kastner DL**, McIntyre TM, Mallett CP, Hartman AB, Steinberg AD (1989) Direct quantitative *in situ* hybridization studies of immuno-globulin V_H utilization: a comparison between unstimulated B cells from autoimmune and normal mice. *J Immunol* **143**:2761-2767. PMID:2507638

14. McIntyre TM, Holmes KL, Steinberg AD, **Kastner DL** (1991) $CD5^+$ peritoneal B cells express high levels of membrane, but not secretory, C_μ mRNA. *J Immunol* **146**:3639-3645. PMID:1709199

15. Sack GH, Talbot CD Jr, McCarthy BG, Harris EL, **Kastner D**, Gruberg L, Pras M (1991) Exclusion of linkage between familial Mediterranean fever and the human serum amyloid A (SAA) gene cluster. *Hum Genet* **87**:506-508. PMID:1679035

16. Pras E, Aksentijevich I, Gruberg L, Balow JE Jr, Prosen L, Dean M, Steinberg AD, Pras M, **Kastner DL** (1992) Mapping of a gene causing familial Mediterranean fever to the short arm of chromosome 16. *N Engl J Med* **326**:1509-1513. PMID:1579134

17. Gruberg L, Aksentijevich I, Pras E, **Kastner DL**, Pras M (1992) Mapping of the familial Mediterranean fever gene to chromosome 16. *Am J Reprod Immunol* **28**:241-242. PMID:1285890

18. Aksentijevich I, Gruberg L, Pras E, Balow JE Jr, Kovo M, Gazit E, Dean M, Pras M, **Kastner DL** (1993) Evidence for linkage of the gene causing familial Mediterranean fever to chromosome 17q in non-Ashkenazi Jewish families. Second locus or type I error? *Hum Genet* **91**:527-534. PMID:8340105

19. Aksentijevich I, Pras E, Gruberg L, Shen Y, Holman K, Helling S, Prosen L, Sutherland GR, Richards RI, Ramsburg M, Dean M, Pras M, Amos CI, **Kastner DL** (1993) Refined mapping of the gene causing familial Mediterranean fever by linkage and homozygosity studies. *Am J Hum Genet* **53**:451-461. PMC1682355

20. Aksentijevich I, Pras E, Gruberg L, Shen Y, Holman K, Helling S, Prosen L, Sutherland GR, Richards RI, Dean M, Pras M, **Kastner DL** (1993) Familial Mediterranean fever in Moroccan Jews: demonstration of a founder effect by extended haplotype analysis. *Am J Hum Genet* **53**:644-651. PMC1682431

21. Pras E, Arber N, Aksentijevich I, Katz G, Schapiro JM, Prosen L, Gruberg L, Harel D, Liberman U, Weissenbach J, Pras M, **Kastner DL** (1994) Localization of a gene causing cystinuria to chromosome 2p. *Nature Genet* **6**:415-419. PMID:8054985

22. Pras E, Aksentijevich I, Levy E, Gruberg L, Prosen L, Dean M, Pras M, **Kastner DL** (1994) The gene causing familial Mediterranean fever maps to the short arm of chromosome 16 in Druze and Moslem Arab families. *Human Genet* **94**:576-577. PMID:7959700

23. McDermott M, **Kastner DL**, Holloman JD, Schmidt-Wolf G, Lundberg AS, Sinha AA, Hsu C, Cashin P, Molloy MG, Mulcahy B, O'Gara F, McConnell FI, Adams C, Khan MA, Wolfe F, Rubin LA, Clegg DO, Husebye D, Amos CI, Ward RH, McDevitt HO (1995) The role of T-cell receptor ß chain genes in the susceptibility to rheumatoid arthritis. *Arthritis Rheum* **38**:91-95. PMID:7645823

24. McDermott M, Hsu C, Molloy MG, Mulcahy B, Phelan M, Shanahan F, O'Gara F, Adams C, Rubin LA, Clegg DO, Husebye D, Amos CI, Ward RH, **Kastner DL** (1995) Nonlinkage of a T-cell receptor ß chain

micro-satellite (*D7S485*) to rheumatoid arthritis in multiplex families. *J Autoimmunity* **8**:131-138. PMID:7734033

25. Pras E, Raben N, Golomb E, Arber N, Aksentijevich I, Schapiro JM, Harel D, Katz G, Liberman U, Pras M, **Kastner DL** (1995) Mutations in the *SLC3A1* transporter gene in cystinuria. *Am J Hum Genet* **56**:1297-1303. PMC1801079

26. Pras M, Pras E, **Kastner D** (1995) The origin of the FMF gene. *Isr J Med Sci* **31**:503-4. PMID:7635702

27. Kindy MS, de Beer FC, Markesbery WR, Pras M, Aksentijevich I, **Kastner D**, Kyle R, Skinner M, Solomon A, Woo P (1995) Apolipo-protein E genotypes in AA and AL amyloidoses. *Amyloid* **2:**159-162.

28. Stratakis CA, Carney JA, Lin JP, Papanicolaou DA, Karl M, **Kastner DL**, Pras E, Chrousos GP (1996) Carney complex, a familial multiple neoplasia and lentiginosis syndrome: analysis of 11 kindreds and linkage to the short arm of chromosome 2. *J Clin Invest* **97**:699-705. PMC507106

29. Levy E, Shen Y, Kupelian A, Aksentijevich I, Pras E, Balow JE Jr, Linzer B, Kruglyak L, Pras M, Shohat M, Rotter JI, Fischel-Ghodsian N, Richards RI, **Kastner DL** (1996) Linkage disequilibrium mapping places the gene causing familial Mediterranean fever close to *D16S246*. *Am J Hum Genet* **58:**523-534. PMC1914760

30. Pras E, Sood R, Aksentijevich I, Chen X, **Kastner DL** (1996) Genomic organization of *SLC3A1*, a transporter gene mutated in cystinuria. *Genomics* **36:**163-167. PMID:8812428

31. McDermott MF, Schmidt-Wolf G, Sinha AA, Koo M, Porter MA, Briant L, Cambon-Thomsen A, Maclaren NK, Fiske D, Bertera S, Trucco M, Amos CI, McDevitt HO, **Kastner DL** (1996) No linkage or association of telomeric and centromeric T-cell receptor ß-chain markers with susceptibility to type 1 insulin-dependent diabetes in *HLA-DR4* multiplex families. *Eur J Immunogenet* **23:** 361-370. PMID:8909943

32. Pras E, Schumacher HR, **Kastner DL**, Wilder RL (1996) Lack of evidence of mycobacteria in synovial tissue from patients with rheumatoid arthritis. *Arthritis Rheum* **39:** 2080-2081. PMID:8961916

33. Wartenfeld R, Golomb E, Katz G, Bale SJ, Goldman B, Pras M, **Kastner DL**, Pras E (1997) Molecular analysis of cystinuria in Libyan Jews: exclusion of the *SLC3A1* gene and mapping of a new locus on chromosome 19q. *Am J Hum Genet* **60:** 617-624. PMC1712472

34. Sood R, Blake T, Aksentijevich I, Wood G, Chen X, Gardner D, Shelton DA, Mangelsdorf M, Orsborn A, Pras E, Balow JE Jr, Centola M, Deng Z, Zaks N, Chen X, Richards N, Fischel-Ghodsian N, Rotter JI, Pras M, Shohat M, Deaven LL, Gumucio DL, Callen DF, Richards RI, Collins FS, Liu P, **Kastner DL**, Doggett NA (1997) Construction of a 1-Mb restriction-mapped cosmid contig containing the genetic interval for the familial Mediterranean fever locus (*MEFV*) on chromosome 16p13.3. *Genomics* **42:**83-95. PMID:9177779

35. Balow JE Jr, Shelton DA, Orsborn A, Mangelsdorf M, Aksentijevich I, Blake T, Sood R, Gardner D, Liu R, Pras E, Levy EN, Centola M, Deng Z, Zaks N, Wood G, Chen X, Richards N, Shohat M, Livneh A, Pras M, Doggett NA, Collins FS, Liu PP, Rotter JI, Fischel-Ghodsian N, Gumucio D, Richards RI, **Kastner DL** (1997) A high-resolution genetic map of the familial Mediterranean fever candidate region allows identification of haplotype-sharing among ethnic groups. *Genomics* **44:**280-291. PMID:9325049

36. Livneh A, Drenth JP, Klasen IS, Langevitz P, George J, Shelton DA, Gumucio DL, Pras E, **Kastner DL**, Pras M, van der Meer JW (1997) Familial Mediterranean fever and hyperimmunoglobulinemia D syndrome: two diseases with distinct clinical, serologic, and genetic features. *J Rheum* **24**:1558-1563. PMID:9263151

37. International FMF Consortium (**Kastner DL**, corresponding author) (1997) Ancient missense mutations in a new member of the *RoRet* gene family are likely to cause familial Mediterranean fever. *Cell* **90:**797-807. PMID:9288758

38. Pras E, Golomb E, Drake C, Aksentijevich I, Katz G, **Kastner DL** (1998) A splicing mutation (891+4A->G) in *SLC3A1* leads to exon 4 skipping and causes cystinuria in a Moslem Arab family *Human Mutation* Supplement 1:S28-S30. PMID:9452031

39. Pras E, Livneh A, Balow JE Jr, Pras E, **Kastner DL**, Pras M, Langevitz P (1998) Clinical differences between North African and Iraqi Jews with familial Mediterranean fever. *Am J Med Genet* **75:**216-219. PMID:9450890

40. **Kastner DL** (1998) Familial Mediterranean fever: the genetics of inflammation. *Hospital Practice* **33:**131-158. PMID:9562837

41. Samuels J, Aksentijevich I, Torosyan Y, Centola M, Deng Z, Sood R, **Kastner DL** (1998) Familial Mediterranean fever at the millennium: clinical spectrum, ancient mutations, and a survey of 100 American referrals to the National Institutes of Health. *Medicine (Baltimore)* **77:**268-297. PMID:9715731

42. Hirsch R, Lin J-P, Scott WW Jr, Ma LD, Pillemer SR, **Kastner DL**, Jacobson LTH, Bloch DA, Knowler WC, Bennett PH, Bale SJ (1998) Rheumatoid arthritis in the Pima Indians: the intersection of epidemiologic, demographic, and genealogic data. *Arthritis Rheum* **41:**1464-1469. PMID:9704646

43. Centola M, Aksentijevich I, **Kastner DL** (1998) The hereditary periodic fever syndromes: molecular analysis of a new family of inflammatory diseases. *Hum Mol Genet* **7:**1581-1588. PMID:9735379

44. Eisenberg S, Aksentijevich I, Deng Z, **Kastner DL**, Matzner Y (1998) Diagnosis of familial Mediterranean fever by a molecular genetic method. *Ann Intern Med* **129:**539-542. PMID:9758573

45. Deng, Z, Centola M, Chen X, Sood R, Vedula A, Fischel-Ghodsian N, **Kastner DL** (1998) Identification of two *Krüppel*-related zinc finger genes (*ZNF200, ZNF210*) from human chromosome 16p13.3. *Genomics* **53:**97-103. PMID:9787081

46. Centola M, Chen X, Sood R, Deng Z, Aksentijevich I, Blake T, Ricke DO, Chen X, Wood G, Zaks N, Richards N, Krizman D, Mansfield E, Apostolou S, Liu J, Shafran N, Vedula A, Hamon M, Cercek A, Kahan T, Gumucio D, Callen DF, Richards RI, Moyzis RK, Doggett NA, Collins FS, Liu PP, Fischel-Ghodsian N, **Kastner DL** (1998) Construction of an ~700 kb transcript map around the familial Mediterranean fever locus on human chromosome 16p13.3. *Genome Res* **8:**1172-1191. PMC310791

47. Shohat M, Lotan R, Magal N, Danon Y, Ogur G, Tokguz G, Schlezinger M, Schwabe A, Halpern G, Fischel-Ghodsian N, **Kastner D,** Shohat T, Rotter JI (1998) Amyloidosis in familial Mediterranean fever is associated with a specific ancestral haplotype in the *MEFV* locus. *Mol Genet Metab* **65:**197-202. PMID:9851884

48. Pras E, Kochba I, Lubetzky A, Pras M, Sidi Y, **Kastner DL** (1998) Biochemical and clinical studies of Libyan Jewish cystinuria patients and their relatives. *Am J Med Genet* **80:**173-176. PMID:9805137

49. Chen X, Hamon M, Deng Z, Centola M, Sood R, Taylor K, **Kastner DL**, Fischel-Ghodsian N (1999) Identification and characterization of a zinc finger gene (ZNF213) from 16p13.3. *Biochim Biophys Acta* **1444:**218-230. PMID:10023065

50. Aksentijevich I, Torosyan Y, Samuels J, Centola M, Pras E, Chae JJ, Oddoux C, Wood G, Azzaro MP, Palumbo G, Giustolisi R, Pras M, Ostrer H, **Kastner DL** (1999) Mutation and haplotype studies of

familial Mediterranean fever reveal new ancestral relationships and evidence for a high carrier frequency with reduced penetrance in the Ashkenazi Jewish population. *Am J Hum Genet* **64:**949-962. PMC1377819

51. McDermott MF, Aksentijevich I, Galon J, McDermott EM, Ogunkolade BW, Centola M, Mansfield E, Gadina M, Karenko L, Pettersson T, McCarthy J, Frucht DM, Aringer M, Torosyan Y, Teppo A-M, Wilson M, Karaarslan HM, Wan Y, Todd I, Wood G, Schlimgen R, Kumarajeewa TR, Cooper SM, Vella JP, Amos CI, Mulley J, Quane KA, Molloy MG, Ranki A, Powell RJ, Hitman GA, O'Shea JJ, **Kastner DL** (1999) Germline mutations in the extracellular domains of the 55 kDa TNF receptor, TNFR1, define a family of dominantly inherited autoinflammatory syndromes. *Cell* **97:**133-144. PMID:10199409

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