

CURRICULUM VITAE

Johann Eli Gudjonsson, M.D., Ph.D.

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Department of Dermatology
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Education and Training

08/1988-06/1992 B.S. Menntaskolinn i Reykjavik, Iceland
08/1992-06/1998 M.D.: (Candidatus chirurgiae et medicinae), University of Iceland, Medical School
06/1998-11/2003 Ph.D. Thesis: "Psoriasis: Genetics, clinical features and pathogenesis"
Advisor: Dr. Helgi Valdimarsson, University of Iceland, Medical School
06/2003-06/2004 Internship, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan
06/2004-12/2007 Residency, Department of Dermatology, University of Michigan, Ann Arbor, Michigan
01/2005-12/2007 Research Fellowship, Mentor: Dr. James T. Elder, Department of Dermatology, University of Michigan, Ann Arbor, Michigan

Certification and Licensure

Certification: American Board of Dermatology, 08/2008
Licensure: Michigan Board of Medicine, Physician License, expiration date 01/31/2012
Michigan Board of Pharmacy, Controlled Substance License, expiration date 01/31/2012
U.S. DEA registration, expiration date 09/30/2010

Academic, Administrative, and Clinical Appointments

Academic Appointments

06/1998-06/2003 Researcher, Department of Immunology, National University Hospital of Iceland
06/1998-06/2003 Researcher, Department of Medicine, National University Hospital of Iceland
01/2008-present Clinical Lecturer, Department of Dermatology, University of Michigan

Administrative Appointments

01/1996-06/1996	Member of the board of the University of Iceland Medical School Research Committee
08/1996-08/1997	Editor of "Læknaneminn" (The Medical Student), a biannual Icelandic medical journal
08/1997-06/2003	Co-Investigator; Genetic Basis of Psoriasis, with deCODE genetics Co-Investigator
06/2000-06/2001	Co-Investigator; MBL (mannose binding lectin)-infusion, phase I study
06/2001-06/2002	Member of the board of the Medical Association of Reykjavik
06/2001-06/2002	Vice-president of the Icelandic Resident Association
06/2002-06/2003	President of the Icelandic Resident Association
06/2002-06/2003	Board member of the Medical Council of the National University Hospital of Iceland
06/2002-06/2003	Founder and editor of the Icelandic Resident Webpage
10/2006-present	Scientific Advisor to the National Psoriasis Foundation
11/2008-present	Director, Inpatient Dermatology consultation service, University of Michigan Department of Dermatology

Research Interests

Psoriasis
Immunological Skin Diseases
Genetic Basis of Complex Disorders

Grants

Current

American Skin Association
Research Scholar Award
"Biological Effects of Genetic Variation in the IL12B and IL23R Genes in Psoriasis"
Principal Investigator
4/1/08-3/31/10
\$150,000

Previous

Dermatology Foundation
Research Fellowship Award
"Novel Xenotransplantation Model in Psoriasis"
James T. Elder, M.D., Ph.D., Mentor
Role: Principal Investigator
7/1/05-6/30/06
\$30,000

American Skin Association
Research Grant
“Novel Xenotransplantation Models in Psoriasis”
James T. Elder, M.D., Ph.D., Mentor
Role: Principal Investigator
1/1/06-12/31/06
\$15,000

Dermatology Foundation
Research Grant
“Biological Effects of Genetic Variation in the IL12B and IL23R Genes in Psoriasis”
Principal Investigator
7/1/08-6/30/09
\$20,000

Honors and Awards

2003 Icelandic Ministry of Education, Biannual Medical Sciences Young Researcher Award
2005 Invited participation in the Resident Retreat For Future Academicians, Society for Investigative Dermatology
2006 Nominated by the National Psoriasis Foundation as a Scientific Advisor to NIAMS
2006 Michigan Dermatologic Society, Resident Research Award
2007 Resident Clinical Research Award, North American Clinical Dermatologic Society
2007 European Society for Dermatological Research /Society for Investigative Dermatology Young Investigator Collegiality Award
2007 Young Investigator Award, American Academy of Dermatology

Memberships in Professional Societies

2004-present American Academy of Dermatology
2004-present Dermatology Foundation
2006-present Society for Investigative Dermatology
2006-present International Society of Dermatology
2007-present Medical Dermatology Society
2007-present European Society for Investigative Dermatology

Editorial Positions, Boards, and Peer-Review Societies

Ad Hoc Reviewer

2003-present British Journal of Dermatology
2004-present Journal of the European Academy of Dermatology and Venerology
2004-present American Journal of Clinical Dermatology
2005-present Journal of Investigative Dermatology
2005-present Journal of Clinical Investigation

2005-present Clinical and Experimental Dermatology
 2006-present Acta Dermato-Venereologia
 2006-present Journal of Immunology
 2006-present Nature Medicine
 2006-present Nature Genetics
 2006-present International Journal of Dermatology
 2006-present Archives of Dermatological Research
 2007-present Drug Discovery Today
 2007-present Journal of Dermatological Science
 2007-present American Journal of Pathology
 2008-present PLoS Genetics
 2008-present Tissue Antigens
 2008-present Scandinavian Journal of Rheumatology
 2008-present Cancer
 2008-present Grant review, Medical Research Council (United Kingdom)
 2008-present Yonsei Medical Journal
 2008-present Open Dermatology Journal
 2008-present The Open Dermatology Journal
 2008-present Reuters Insight Expert
 2009 BioMed Central
 2009 Genes and Immunity
 2009 Grant review, Netherlands Genomics Initiative – Hormizon Programme (Netherlands)
 2010-present Current Opinion in Investigational Drugs

Editorial Board Service

2007-present Faculty of 1000 Medicine: Psoriasis & other inflammatory diseases
 2008-present The Open Dermatology Journal

Teaching Activities

1999-2003 Immunology Teachings for First and Second Year Medical Students, University of Iceland.
 2002-2003 “The role of the tonsils and tonsillitis in the induction of skin diseases,” Core Curriculum for Various Research Personal, Department of Immunology, University of Iceland.
 2008-present Faculty Leader, Diagnostic Conference/Grand Rounds, Department of Dermatology, University of Michigan.
 2008-present Clinicopathological Conference, Department of Pathology, University of Michigan.
 2008-present Basic Science Journal Club, Faculty Leader, Department of Dermatology, University of Michigan.

Lectures

- “Autoinflammatory Disease Review,” Faculty presenter, Department of Dermatology, University of Michigan, 2009.
- “Immunobullous and Mechanobullous Disease,” School of Dentistry, University of Michigan, 2009.
- “Immunobullous and Mechanobullous Disease,” MS II Dermatology Sequence Lecture Patient Grand Rounds, University of Michigan Medical School, 2009.

Book Club and Kodachrome Sessions

- “Lymphoma/Leukemia,” Department of Dermatology, University of Michigan, 2008.
- “Fibrous, Muscular, Neural, and Fatty Tumors,” Department of Dermatology, University of Michigan, 2008.
- “Rosacea and Folliculitits,” Faculty leader, Department of Dermatology, University of Michigan, 2008.
- “CT/Atrophy, Genodermatoses, Hypertrophy,” Faculty leader, Department of Dermatology, University of Michigan, 2008.
- “Histiocytoses and Xanthomas,” Faculty leader, Department of Dermatology, University of Michigan, 2009.
- “Cysts; Anesthesia and Surgical Instruments,” Faculty leader, Department of Dermatology, University of Michigan, 2009.
- “Fillers and Botox,” Faculty leader, Department of Dermatology, University of Michigan, 2009.
- “Nutritional deficiencies and granulomatous diseases,” Faculty leader, Department of Dermatology, University of Michigan, 2009.
- “Genodermatoses: Disorders of cornification and pigmentation,” Faculty leader, Department of Dermatology, University of Michigan, 2010.

Mentoring

University of Iceland

- 2004 Magali Mouy: Masters degree trainee, thesis committee
- 2006 Sigrun Laufey Sigurdardottir: Ph.D. degree trainee, thesis committee
- 2007 Ragna Hlin Thorleifsdottir: Ph.D. degree trainee, thesis committee

University of Michigan

- 2006-2007 Abhishek Aphale, M.D., Third Year Medical Student
- 2009 James Kochkodan, Undergraduate Student
- 2009 Lauren Lockwood, Undergraduate Work Study Program

Extramural Invited Presentations

- 2nd Joint Meeting of the International Psoriasis Symposium and European Congress on Psoriasis
- “Methotrexate Inhibits The Expression of ICAM and CLA by T Cells in Vitro through Different Pathways”
- San Francisco, CA, June 2001

2nd Joint Meeting of the International Psoriasis Symposium and European Congress on Psoriasis

“HLA-Cw6 Positive And Negative Patients With Psoriasis Vulgaris Have Distinctly Different Clinical Features”

San Francisco, CA, June 2001

11th International Congress of Immunology

“HLA-Cw6 Positive and Negative Patients With Psoriasis Vulgaris Have Distinctly Different Clinical Features”

Stockholm, Sweden, July 2001

NPF Psoriasis Genetic Meeting

“Clinical Features of Psoriasis in Context of Genetic Mapping”

Nice, France, April 2002

Psoriasis: From Gene to Clinic

“Streptococcal Throat Infections Cause Exacerbation of Chronic Plaque Psoriasis - A Prospective Study”

London, England, November 2002

Biogen-IDEc Resident/Fellow Conference on Psoriasis

“Distinct Clinical Differences between HLA-Cw*0602 Positive and Negative Psoriasis Patients: Potential Pharmacogenomic and Immunopathogenic Variations Might be Useful in Predicting Therapeutic Responses to Biologic Agents”

Dallas, TX, May 2004

Michigan Dermatologic Society

“Global Gene Expression Analysis of Psoriasis Reveals Differences Between Normal and Uninvolved Skin.”

Ann Arbor, MI, June 2006

American Academy of Dermatology

“Syringotropic cutaneous T cell lymphoma”

Washington DC, February 2007

Bibliography

Peer-Reviewed Publications

1. Sigmundsdottir H, **Gudjonsson JE**, Jonsdottir I, Ludviksson BR, Valdimarsson H. The frequency of CLA+ CD8+ T cells in the blood of psoriasis patients correlates closely with the severity of their disease. *Clin Exp Immunol.* 126(2):365-9, 2001.
2. **Gudjonsson JE**, Karason A, Antonsdottir AA, Runarsdottir EH, Gulcher JR, Stefansson K, Valdimarsson H. HLA-Cw6-positive and HLA-Cw6-negative patients with Psoriasis vulgaris have distinct clinical features. *J Invest Dermatol.* 118(2):362-5, 2002.

3. Karason A, **Gudjonsson JE**, Upmanyu R, Antonsdottir AA, Hauksson VB, Runarsdottir EH, Jonsson HH, Gudbjartsson DR, Frigge ML, Kong A, Stefansson K, Valdimarsson H, Gulcher JR. A susceptibility gene for psoriatic arthritis maps to chromosome 16q: evidence for imprinting. *Am J Hum Genet.* 72(1):125-31, 2003.
4. **Gudjonsson JE**, Karason A, Antonsdottir A, Runarsdottir EH, Hauksson VB, Upmanya R, Gulcher J, Stefansson K, Valdimarsson H. Psoriasis patients who are homozygous for the HLA-Cw*0602 allele have a 2.5-fold increased risk of developing psoriasis compared with Cw6 heterozygotes. *Br J Dermatol.* 148(2):233-5, 2003.
5. Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H. Interleukin-12 alone can not enhance the expression of the cutaneous lymphocyte associated antigen (CLA) by superantigen-stimulated T lymphocytes. *Clin Exp Immunol.* 132(3):430-5, 2003.
6. Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H. The effects of ultraviolet B treatment on the expression of adhesion molecules by circulating T lymphocytes in psoriasis. *Br J Dermatol.* 148(5):996-1000, 2003.
7. **Gudjonsson JE**, Thorarinsson AM, Sigurgeirsson B, Kristinsson KG, Valdimarsson H. Streptococcal throat infections and exacerbation of chronic plaque psoriasis: a prospective study. *Br J Dermatol.* 149(3):530-4, 2003.
8. Valdimarsson H, Vikingsdottir T, Bang P, Saevarsdottir S, **Gudjonsson JE**, Oskarsson O, Christiansen M, Blou L, Laursen I, Koch C. Human plasma-derived mannose-binding lectin: a phase I safety and pharmacokinetic study. *Scand J Immunol.* 59(1):97-102, 2004.
9. Sigmundsdottir H, Johnston A, **Gudjonsson JE**, Valdimarsson H. Differential effects of interleukin 12 and interleukin 10 on superantigen-induced expression of cutaneous lymphocyte-associated antigen (CLA) and alphaEbeta7 integrin (CD103) by CD8+ T cells. *Clin Immunol.* 111(1):119-25, 2004.
10. Sigmundsdottir H, Johnston A, **Gudjonsson JE**, Bjarnason B, Valdimarsson H. Methotrexate markedly reduces the expression of vascular E-selectin, cutaneous lymphocyte-associated antigen and the numbers of mononuclear leucocytes in psoriatic skin. *Exp Dermatol.* 13(7):426-34, 2004.
11. Johnston A, **Gudjonsson JE**, Sigmundsdottir H, Love TJ, Valdimarsson H. Peripheral blood T cell responses to keratin peptides that share sequences with streptococcal M proteins are largely restricted to skin-homing CD8+ T cells. *Clin Exp Immunol.* 138(1):83-93, 2004.
12. Johnston A, **Gudjonsson JE**, Sigmundsdottir H, Ludviksson BR, Valdimarsson H. The anti-inflammatory action of methotrexate is not mediated by lymphocyte apoptosis, but by the suppression of activation and adhesion molecules. *Clin Immunol.* 114(2):154-63, 2005.
13. Elder JT; Cluster 17 Collaboration. Fine mapping of the psoriasis susceptibility gene PSORS1: a reassessment of risk associated with a putative risk haplotype lacking HLA-Cw6. *J Invest Dermatol.* 124(5):921-30, 2005.
14. Sigmundsdottir H, Johnston A, **Gudjonsson JE**, Valdimarsson H. Narrowband-UVB irradiation decreases the production of pro-inflammatory cytokines by stimulated T cells. *Arch Dermatol Res.* 297(1):39-42, 2005.
15. Karason A, **Gudjonsson JE**, Jonsson HH, Hauksson VB, Runarsdottir EH, Stefansson K, Valdimarsson H, Gulcher JR. Genetics of psoriasis in Iceland: evidence for linkage of subphenotypes to distinct Loci. *J Invest Dermatol.* 124(6):1177-85, 2005.
16. **Gudjonsson JE**, Elder JT. Mouse models: psoriasis: an epidermal disease after all? *Eur J Hum Genet.* 14(1):2-4, 2006.

17. **JE Gudjonsson**, Karason A, Runarsdottir EH, Antonsdottir AA, Hauksson VB, Jonsson HH, Gulcher J, Stefansson K, Valdimarsson H. Distinct clinical differences between HLA-Cw*0602 positive and negative psoriasis patients--an analysis of 1019 HLA-C- and HLA-B-typed patients. *J Invest Dermatol.* 126(4):740-5, 2006.
18. Rittie L, Kansra S, Stoll SW, Li Y, **Gudjonsson JE**, Shao Y, Michael LE, Fisher GJ, Johnson TM, Elder JT. Differential ErbB1 signaling in squamous cell versus basal cell carcinoma of the skin. *Am J Pathol.* 170(6):2089-99, 2007.
19. **Gudjonsson JE**, Elder JT. The problem with upward mobility. *Nat Med.* 13(7):786-7, 2007.
20. **Gudjonsson JE**. Analysis of global gene expression and genetic variation in psoriasis. *J Am Acad Dermatol.* 57(2):365, 2007.
21. Love TJ, Gudbjornsson B, **Gudjonsson JE**, Valdimarsson H. Psoriatic arthritis in Reykjavik, Iceland: prevalence, demographics and disease course. *J Rheumatol.* 34(10):2082-8, 2007.
22. Do TT, Gielczyk R, Wang TS, Olsen S, Lowe L, **Gudjonsson JE**. Multinodular lesions of the earlobes. *Arch Dermatol.* 144(4):547-52, 2008.
23. Johnston A, Arnadottir S, **Gudjonsson JE**, Aphale A, Sigmarsdottir AA, Gunnarsson SI, Steinsson JT, Elder JT, Valdimarsson H. Obesity in psoriasis: leptin and resistin as mediators of cutaneous inflammation. *Br J Dermatol.* 159(2):342-50, 2008.
24. Kryczek I, Bruce AT, **Gudjonsson JE**, Johnston A, Aphale A, Vatan L, Szeliga W, Wang Y, Liu Y, Welling TH, Elder JT, Zou W. Induction of memory IL-17+ T cell trafficking and development by IFN γ : mechanism and pathological relevance in psoriasis. *J Immunol.* 181(7):4733-41, 2008, PMID 2677162.
25. **JE Gudjonsson**, Aphale A, Grachtchouk M, Ding J, Nair RP, Wang T, Voorhees JJ, Dlugosz AA, Elder JT. Lack of evidence for activation of the hedgehog pathway in psoriasis. *J Invest Dermatol.* 129(3):635-40, 2009.
26. Li Y, **Gudjonsson JE**, Woods TL, Zhang T, Johnston A, Stoll SW, Elder JT. Transgenic expression of S100A2 in hairless mouse skin enhances Cxcl13 mRNA in response to solar-stimulated radiation. *Arch Dermatol Res.* 301(3):205-17, 2009.
27. Nair RP, Duffin KC, Helms C, Ding J, Stuart PE, Goldgar D, **Gudjonsson JE**, Li Y, Tejasvi T, Feng BJ, Ruether A, Schreiber S, Weichenthal M, Gladman D, Rahman P, Schrodi SJ, Prahalad S, Guthery SL, Fischer J, Liao W, Kwok PY, Menter A, Lathrop GM, Wise CA, Begovich AB, Voorhees JJ, Elder JJ, Krueger GG, Bowcock AM, Abecasis GR; Collaborative Association of Psoriasis. Genome-wide scan reveals association of psoriasis with IL-23 and NF- κ B pathways. *Nat Genet.* 41(2):199-204, 2009.
28. Valdimarsson H, Thorleifsdottir RH, Sigurdardottir SL, **Gudjonsson JE**, Johnston A. Psoriasis—as an autoimmune disease caused by molecular mimicry. *Trends Immunol.* 30(10):494-501, 2009.
29. Elder JT, Bruce AT, **Gudjonsson JE**, Johnston A, Stuart PE, Tejasvi T, Voorhees JJ, Abecasis GR, Nair RP. Molecular Dissection of Psoriasis: Integrating Genetics and Biology. *J Invest Dermatol.* 2009, [Epub ahead of print].
30. **Gudjonsson JE**, Ding J, Li X, Nair RP, Tejasvi T, Qin ZS, Ghosh D, Aphale A, Gumucio DL, Voorhees JJ, Abecasis GR, Elder JT. Global gene expression analysis reveals evidence for decreased lipid biosynthesis and increased innate immunity in uninvolved psoriatic skin. *J Invest Dermatol.* 129(12):2795-804, 2009.

31. Stoll SW, Johnson JL, Bhasin A, Johnston A, **Gudjonsson JE**, Rittie L, Elder JT. Metalloproteinase-mediated, context-dependent function of amphiregulin and HB-EGF in human keratinocytes and skin. *J Invest Dermatol*. 130(1):295-304, 2010.

Articles Submitted for Publication

1. **Gudjonsson JE**, Johnston A, Stoll SW, Riblett M, Ding J, Nair RP, Aphale A, Voorhees JJ, Elder JT. Evidence for altered Wnt signaling in psoriatic skin. *J Invest Dermatol*. 2010. (in press)
2. **Gudjonsson JE**, Johnston A, Tejasvi T, Guzman AM, Nair RP, Voorhees JJ, Abecasis G, Elder JT. Assessment of the Psoriatic Transcriptome in a Large Sample: Additional Regulated Genes and Comparisons with In Vitro Models. *J Invest Dermatol*. 2010. (in press)
3. Love TJ, **Gudjonsson JE**, Valdimarsson H, Gudbjornsson B. Small joint involvement in psoriatic arthritis is associated with onycholysis: Data from the Reykjavik study of psoriatic arthritis. *Scand J Rheumatol*. 2010. (in press)
4. Egbers R, Do TT, Su L, Helfrich Y, **Gudjonsson JE**. Rapid evolution of CD8+ pseudolymphoma in an HIV patient: A case report and review of the literature. (submitted)
5. Swindell WR, Johnston A, Elder JT, Ward NL, **Gudjonsson JE**. Microarray-Based Comparison of Gene Expression in Human Psoriasis and a Mouse Model Driven by Overexpression of TIE-2 in Keratinocytes. (submitted)
6. Ding J, **Gudjonsson JE**, Liang L, Stuart PE, Li Y, Chen W, Weichenthal M, Franke A, Nair RP, Elder JT, Abecasis GR. A novel method applied to catalogs of expression-QTLs in normal and psoriatic skin reveals extensive overlap with cis-eQTLs in lymphoblastoid cells. (submitted)
7. Fortna RR, **Gudjonsson JE**, Seidel G, DiCostanze D, Jacobson M, Kopelman M, Patel RM. Persistent pruritic papules and plaques: a characteristic histopathologic presentation seen in a subset of patients with adult-onset and juvenile Still's disease. (submitted)
8. Johnston A, **Gudjonsson JE**, Aphale A, Guzman AM, Stoll SW, Elder JT. EGFR and IL-1 signaling synergistically promote keratinocyte antimicrobial defenses in a differentiation-dependent fashion. (submitted)

Review Articles

1. **Gudjonsson JE**, Johnston A, Sigmundsdottir H, Valdimarsson H. Immunopathogenic mechanisms in psoriasis. *Clin Exp Immunol*. 135(1):1-8, 2004.
2. Valdimarsson H, Karason A, **Gudjonsson JE**. Psoriasis: a complex clinical and genetic disorder. *Curr Rheumatol Rep*. 6(4):314-6, 2004.
3. **Gudjonsson JE**, Johnston A, Dyson M, Valdimarsson H, Elder JT. Mouse models of psoriasis. *J Invest Dermatol*. 127(6):1292-308, 2007.
4. **Gudjonsson JE**, Elder JT. Psoriasis: epidemiology. *Clin Dermatol*. 25(6):535-46, 2007.
5. **Gudjonsson JE**. Genetic Variation and Psoriasis. *G Ital Dermatol Venereol*. 143(5):299-305, 2008.
6. Yost JM, Do TT, Kovalszki K, Su L, Anderson TF, **Gudjonsson JE**. Two cases of syringotropic cutaneous T-cell lymphoma and review of the literature. *J Am Acad Dermatol*. 61(1):133-8, 2009.

Book Chapters

1. **Gudjonsson JE**, Elder JT: Psoriasis: Etiopathogenesis. *In: Hochberg MC, Silman AJ, Smolen JS, Weinblatt ME, Weisman, MH, eds, Rheumatology (second edition) (New York, NY, Elsevier), 37-47.*
2. **Gudjonsson JE**, Elder JT: Psoriasis. *In: Wolff K, Goldsmith LE, Katz S, Gilchrest B, Paller A, Lefell D, eds, Fitzpatrick's Dermatology in General Medicine (seventh edition) (New York, NY, Mc Graw-Hill, 2008), 169-193.*
3. **Gudjonsson JE**, Elder JT: Psoriasis: Epidemiology. *In: Clinics in Dermatology (New York, NY, Elsevier, 2007), 535-546.*

Other Media

1. National Psoriasis Foundation. Analysis of Fiscal Year (FY) 2006 National Institutes of Health (NIH) Psoriasis and Psoriatic Arthritis Funded Research. (Primary author – sent to the NIH and US Congress), [Report].
2. Yost J, **Gudjonsson JE**. The role of TNF inhibitors in psoriasis therapy: new implications for associated comorbidities. *F1000 Medicine*. 2009, [Online publication].

Abstracts/Posters

1. Sigmundsdottir H, **Gudjonsson JE**, Ludviksson BR, Jonsdottir I, Valdimarsson H. The Frequency of CLA+ Positive CD8 Lymphocytes in the Blood Correlated Closely with the Psoriasis and Area Severity Index (PASI). European Congress of Immunology. Poznan, Poland, September 2000.
2. Sigmundsdottir H, **Gudjonsson JE**, Ludviksson BR, Jonsdottir I, Valdimarsson H. Methotrexate Treatment Reduces in a Dose-Dependent Manner the Expression of CLA+ by CD8+ but not CD4+ T-Cells in the Blood of Psoriatic Patients. European Congress of Immunology. Poznan, Poland, September, 2000.
3. **Gudjonsson JE**, Sigmundsdottir H, Ludviksson BR, Valdimarsson H. Methotrexate Inhibits the Expression of ICAM and CLA by T Cells In Vitro through Different Pathways. 2nd Joint Meeting International Psoriasis Symposium and European Congress on Psoriasis. San Francisco, CA, June 19th-24th 2001.
4. **Gudjonsson JE**, Karason A, Antonsdottir A, Runarsdottir H, Gulcher J, Stefansson K, Valdimarsson H. HLA-Cw6 Positive and Negative Patients with Psoriasis Vulgaris have Distinctly Different Clinical Features. 2nd Joint Meeting International Psoriasis Symposium and European Congress on Psoriasis. San Francisco, CA, June 19th-24th 2001.
5. **Gudjonsson JE**, Karason A, Antonsdottir A, Runarsdottir H, Gulcher J, Stefansson K, Valdimarsson H. HLA-Cw6 Positive and Negative Patients with Psoriasis Vulgaris Have Distinctly Different Clinical Features. 11th International Congress of Immunology. Stockholm, Sweden, July 2001.
6. Sigmundsdottir H, **Gudjonsson JE**, Ludviksson BR, Jonsdottir I, Valdimarsson H. The Frequency of CLA+ Positive CD8 Lymphocytes in the Blood Correlated Closely with the Psoriasis and Area Severity Index (PASI). 11th International Congress of Immunology. Stockholm, Sweden, July 2001.
7. Sigmundsdottir H, **Gudjonsson JE**, Ludviksson BR, Jonsdottir I, Valdimarsson H. Methotrexate Treatment Reduces in a Dose-Dependent Manner the Expression of CLA+ by CD8+ but not CD4+ T-Cells in the Blood of Psoriatic Patients. 11th International Congress of Immunology. Stockholm, Sweden, July 2001.

8. **Gudjonsson JE**, Sigmundsdottir H, Ludviksson BR, Valdimarsson H. Methotrexate Inhibits the Expression of ICAM and CLA by T Cells In Vitro through Different Pathways. 11th International Congress of Immunology. Stockholm, Sweden, July 2001.
9. Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H. T Cells from HLA-Cw6 Positive Psoriasis Patients Over-Express the Cutaneous Lymphocyte Antigen (CLA) In Vitro. Scandinavian Congress of Immunology. Bergen, Norway, April 2002.
10. Sigmundsdottir H, **Gudjonsson JE**, Ludviksson BR, Valdimarsson H. Methotrexate Treatment Reduces the Frequency of Cutaneous Lymphocyte antigen CLA but Not Very Late Antigen (VLA)-4 α Or $\alpha_E\beta_7$ (CD103) T-Cells in the Blood of Psoriatic Patients. Scandinavian Congress of Immunology. Bergen, Norway, April 2002.
11. **Gudjonsson JE**, Sigmundsdottir H, Ludviksson BR, Valdimarsson H. Methotrexate Inhibits the Expression of ICAM and CLA by T Cells In Vitro Through Different Pathways. Scandinavian Congress of Immunology. Bergen, Norway, April 2002.
12. Thorleifsdottir RH, **Gudjonsson JE**, Sigmundsdottir H, Moller PH, Petersen H, Valdimarsson H. Skin-Homing Features of T Lymphocytes in Blood, Tonsils and Mesenteric Lymph Nodes. Psoriasis: From Gene to Clinic. London, England, November 2002.
13. **Gudjonsson JE**, Thorarinsson AM, Sigurgeirsson B, Kristinsson KG, Valdimarsson H. Streptococcal Throat Infections Cause Exacerbation of Chronic Plaque Psoriasis: A Prospective Study. Psoriasis: From Gene to Clinic. London, England, November 2002.
14. Sigmundsdottir H, **Gudjonsson JE**, Jonsdottir I, Valdimarsson H. Superantigens Induce CLA Expression by Lymphocytes Incubated in Medium with Fetal Calf Serum but not Human Serum, Even when Enriched with IL-12. Psoriasis: From Gene to Clinic. London, England, November 2002.
15. Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H. Methotrexate Reduces the Frequency of CLA+T Cells in the Blood and T Cells Infiltrating the Psoriasis Skin Lesions. Psoriasis: From Gene to Clinic. London, England, November 2002.
16. Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H. The Effects of UVB Treatment on the Expression of Adhesion Molecules by Circulating T Lymphocytes in Psoriasis. Psoriasis: From Gene to Clinic. London, England, November 2002.
17. Reynisdottir S, Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H Ludviksson BR. TGF-Beta1 has Preferential Tolerogenic Effects on Peripheral CD8+ T Cells after Prolonged Stimulation. AAAAI. New York, NY, March 2002.
18. **Gudjonsson JE**, Sigmundsdottir H, Ludviksson BR, Valdimarsson H. Methotrexate Inhibits the Expression of ICAM and CLA by T Cells in Vitro through Different Pathways. Scandinavian Society of Immunology. Reykjavik, Iceland, August 2003.
19. Sigmundsdottir H, **Gudjonsson JE**, Valdimarsson H. Interleukin-12 Alone Can Not Enhance the Expression of the Cutaneous Lymphocyte Associated Antigen (CLA) by Superantigen Stimulated T Lymphocytes. Scandinavian Society of Immunology. Reykjavik, Iceland, August 2003.
20. **Gudjonsson JE**. Distinct Clinical Differences between HLA-Cw*0602 Positive and Negative Psoriasis Patients: Potential Pharmacogenomic and Immunopathogenic Variations Might be Useful in Predicting Therapeutic responses to Biologic Agents. Biogen-IDEA Resident/Fellow Conference on Psoriasis. Dallas, TX, May 21st-23rd 2004.
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