

## **Research Papers - Peer Reviewed**

1. Lacy FA, Coman GC, Holliday AC, Kolodney MS. (2018) Assessment of Smartphone Application for Teaching Intuitive Visual Diagnosis of Melanoma. *JAMA Dermatol.* 154(6):730–731.
2. Coman, G. C., Holliday, A. C., Mazloom, S. E., Chavan, R. N., & Kolodney, M. S. (2017). A randomized, split-face, controlled, double-blind, single-centre clinical study: transient addition of a topical corticosteroid to a topical retinoid in patients with acne to reduce initial irritation. *British Journal of Dermatology*, 177(2), 567-569
3. Holliday, A. C., Mazloom, S. E., Coman, G. C., Kolodney, M. S., Chavan, R. N., & Grider, D. J. (2017). Benign glandular schwannoma with ancient change. *The American Journal of dermatopathology*, 39(4), 300-303.
4. Eikenberg, Mazloom, S. E., Holliday, A. C., Coman, G. C., Chavan, R. N., Kolodney, M. S., & Grider, D. J. (2016). Type I Cutaneous Meningioma (Rudimentary Meningocele) With Intradural Attachment to the Phylum Terminale. *The American Journal of Dermatopathology*, 38(12), 927-929.
5. J. D., Grider, D. J., & Kolodney, M.S. (2015). Use of Clamping to Enhance Intralesional Bleomycin Therapy for Nodular Basal Cell Carcinoma. *JAAD Case Reports*, 1(1), 7-8
6. Jayaraman, SS, Rayhan, DJ, Hazany, S & Kolodney, MS (2014) Mutational Landscape of Basal Cell Carcinomas by Whole-Exome Sequencing. *J. Invest Derm. Journal of Investigative Dermatology*; 2014 134(1):213-20
7. Thuangtong R, Bentow J, Knopp K, Mahmood NA, David NE, and Kolodney MS (2010) Tissue-selective effects of injected deoxycholate. *Dermatologic Surgery* 36(6):899-908
8. Nobe K, Hiroko Y, Nobe H, Kolodney MS, Paul RJ, and Honda K (2010) Rho A and the Rho kinase pathway regulate fibroblast contraction enhanced contraction in constitutive active Rho A fibroblast cells. *Biochem. Biophys. Res. Commun.* 399(2):292-9
9. Bentow JJ, Thuangtong R, Iwasaki J, French SW, and Kolodney MS (2009) A light-emitting mouse to image skin inflammation. *Dermatitis* 20(3):142-8
10. Oldenburg R and Kolodney MS (2008) Selective amplification of rare mutations using locked nucleic acid oligonucleotides that competitively inhibit primer binding to wild-type DNA. *J. Invest. Dermatol* 128:398-402

11. Chira S and Kolodney MS (2007) Skin cancer: Tips on prevention, clues to detection. *Consultant* 47(6): 589-594
12. Iyer S, Carranza D, Kolodney MS, Chipps L, and Soriano T (2007) Evaluation of procollagen I deposition after intense pulsed light treatments at varying parameters in a porcine model. *J. Cos. and Laser Ther.* 9: 75–78
13. Iqbal M and Kolodney MS (2005) Acne Fulminans with SAPHO syndrome treated with infliximab. *J. Amer. Acad. Derm.* 52 (5) :S118-20
14. Craft NA, Bruhn KW, Nguyen BD, Prins R, Liau LM, Collisson EA, De A, Kolodney MS, and Gambhir S (2005) Bioluminescent imaging of melanoma in live mice. *J. Invest. Dermatol.* 125:159-65
15. Rotunda AM and Kolodney MS (2005) Lipomas treated with subcutaneous deoxycholate injections. *J. Amer. Acad. Derm.* 53:973-8
16. Dominguez PL and Kolodney MS (2005) Wild-type blocking polymerase chain reaction for detection of single nucleotide minority mutations from clinical specimens. *Oncogene* 24(45):6830-4
17. Rotunda AM and Kolodney MS (2005) Mesotherapy and phosphatidylcholine injections: Historical clarification and review. *Derm.Surg.* 32(4):465-480
18. Rotunda RM, Suzuki H, Moy RL, and Kolodney MS (2004) Detergent effects of sodium deoxycholate are a major feature of an injectable phosphatidylcholine formulation used for localized fat dissolution. *Derm. Surg.* 30(7):1001-8
19. Collisson EA, Kleer C, Wu M, De A, Gambhir SS, and Kolodney MS (2003) Atorvastatin prevents RhoC isoprenylation, invasion and metastasis in human melanoma cells. *Mol. Can. Ther.* 2(10):941-8.
20. Collisson EA, De A, Suzuki H, Gambhir SS, and Kolodney MS (2003) Treatment of metastatic melanoma with a small molecule targeted against activating mutations in the BRAF gene. *Cancer Res.* 63(18):5669-73
21. Collisson EA, Chen IY, Carranza D, and Kolodney MS (2002) Isoprenylation is necessary for the full invasive potential of RhoA overexpression in human melanoma cells. *J. Invest. Derm.* (2002) 119(5):1172-6

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25. Kolodney MS, Thimman MS, Honda HM, Tsai G, and Yee HF Jr (1999)  $Ca^{2+}$  independent myosin activation and contraction in chicken embryo fibroblasts. *J. Physiol.* 515:87-92
26. Elson EL, Felder SF, Jay PY, Kolodney MS, and Pasternak C (1999) Forces in cell locomotion. *Biochem. Soc. Symp.*, 65:299-314.
27. Kolodney MS and Elson EL (1995) Contraction due to microtubule disruption is associated with increased phosphorylation of myosin regulatory light chain. *Proc. Natl. Acad. Sci. (USA)* 92:10252-10256.
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30. Lee RC and Kolodney MS (1987) Electrical injury mechanisms: Dynamics of the thermal response. *Plast. Reconstr. Surg.* 80:663-671.
31. Lee RC and Kolodney MS (1987) Electrical injury mechanisms: Electrical breakdown of cell membranes. *Plast. Reconstr. Surg.* 80:672-679.

### **Research Papers - Non Peer Reviewed**

1. Kolodney, MS. (2010) "Infliximab Safe, Effective for Reducing Severity of HS" *Prac. Rev. in Derm.* 24-09
2. Kolodney, MS. (2010) "The High Cost of Biologics for Psoriasis" *Prac. Rev. in Derm.* 24-09

3. Kolodney, MS. (2010) "Do Children With Psoriasis Have Similar Comorbidities as Adults?" *Prac. Rev. in Derm.* 24-09
4. Kolodney, MS. (2010) "Cosmeceutical Regimen Equally Effective, Better Tolerated Than Tretinoin" *Prac. Rev. in Derm.* 24-10
5. Kolodney, MS. (2010) "BTX Is Only Helpful for Certain Types of Migraine" *Prac. Rev. in Derm.* 24-10
6. Kolodney, MS. (2010) "Does Tx Choice Determine Onychomycosis Recurrence After Mycological Cure?" *Prac. Rev. in Derm.* 24-10
7. Kolodney, MS. (2010) "Is Ciclosporine Superior to Prednisolone for Adult Eczema?" *Prac. Rev. in Derm.* 24-10
8. Kolodney, MS. (2010) "Ustekinumab vs Etanercept for Psoriasis" *Prac. Rev. in Derm.* 24-10
9. Kolodney, MS. (2010) "Long-Term Use of Voriconazole Is Associated With Melanoma" *Prac. Rev. in Derm.* 24-10
10. Kolodney, MS. (2010) "Are Anti-TNF Biologics Effective for Dissecting Cellulitis?" *Prac. Rev. in Derm.* 24-11
11. Kolodney, MS. (2010) "Dermatomyositis Really Is Associated With Malignancy" *Prac. Rev. in Derm.* 25-01
12. Kolodney, MS. (2010) "Can Switching to Sirolimus Reduce Skin Cancer Risks in Renal Transplant Patients?" *Prac. Rev. in Derm.* 25-05
13. Kolodney, MS. (2010) "Varicella Infection Before Age 10 Years May Reduce Atopic Dermatitis" *Prac. Rev. in Derm.* 25-08
14. Kolodney, MS. (2010) "Does Platelet Activation Play a Role in Psoriasis?" *Prac. Rev. in Derm.* 25-01
15. Kolodney, MS. (2010) "Consider Intralesional Chemotherapy for Classic KS" *Prac. Rev. in Derm.* 25-04
16. Kolodney, MS. (2010) "Is Isotretinoin Associated With IBD?" *Prac. Rev. in Derm.* 25-04
17. Kolodney, MS. (2009) "Pimecrolimus Takes the Edge Off Corticosteroid Withdrawal" *Prac. Rev. in Derm.* 23-07
18. Kolodney, MS. (2009) "Intralesional 5-FU Beats Placebo for Warts" *Prac. Rev. in Derm.* 23-07
19. Kolodney, MS. (2009) "Anti-TNF Monoclonals May Double Herpes Zoster Risk" *Prac. Rev. in Derm.* 23-08

20. Kolodney, MS. (2009) "Topical Tacrolimus Superior to Fluticasone for Atopic Dermatitis of the Face" *Prac. Rev. in Derm.* 24-02
21. Kolodney, MS. (2009) "Etanercept Minimally Useful in Tx of Hidradenitis Suppurativa" *Prac. Rev. in Derm.* 24-02
22. Kolodney, MS. (2009) "Lenalidomide Helpful for Resistant DLE" *Prac. Rev. in Derm.* 23-09
23. Kolodney, MS. (2009) "Can Systemic Retinoids Improve Nails With Psoriasis?" *Prac. Rev. in Derm.* 23-09
24. Kolodney, MS. (2009) "Does Topical 5-FU Reverse Photoaging?" *Prac. Rev. in Derm.* 24-03
25. Kolodney, MS. (2009) "Complex Aphthae Respond Well to Treatment" *Prac. Rev. in Derm.* 23-09
26. Kolodney, MS. (2009) "Brown Fat Makes Us Thin?" *Prac. Rev. in Derm.* 23-10
27. Kolodney, MS. (2009) "Granulysin Mediates in SJS/TEN" *Prac. Rev. in Derm.* 23-10
28. Kolodney, MS. (2009) "Bleach Bath Improves Atopic Dermatitis in Atopic Children" *Prac. Rev. in Derm.* 24-03
29. Kolodney, MS. (2009) "Itchy Psoriasis Patients Need More Light" *Prac. Rev. in Derm.* 24-03
30. Kolodney, MS. (2009) "Psoriasis and Vascular Disease--Is There a Correlation?" *Prac. Rev. in Derm.* 24-04
31. Kolodney, MS. (2009) "Is Topical 5-FU Effective for Warts?" *Prac. Rev. in Derm.* 24-04
32. Kolodney, MS. (2009) "Curettage-Cryosurgery of Scalp and Face Well Tolerated" *Prac. Rev. in Derm.* 24-04
33. Kolodney, MS. (2009) "Imiquimod for Pyogenic Granuloma in Children" *Prac. Rev. in Derm.* 24-04
34. Kolodney, MS. (2009) "Which Factors Suggest a Dx of NF1?" *Prac. Rev. in Derm.* 24-05
35. Kolodney, MS. (2009) "Susceptibility to Herpesvirus increases in Dermatomyositis" *Prac. Rev. in Derm.* 24-05
36. Kolodney, MS. (2009) "Which Factors Suggest a Dx of NF1?" *Prac. Rev. in Derm.* 24-05
37. Kolodney, MS. (2009) "Major Advance in Tx of BCC" *Prac. Rev. in Derm.* 24-06
38. Kolodney, MS. (2009) "PUVA Remains Effective Option for Psoriasis" *Prac. Rev. in Derm.* 24-07
39. Kolodney, MS. (2009) "Can Epinephrine Be Used in Digits of Patients With Vascular Disease?" *Prac. Rev. in Derm.* 24-07
40. Kolodney, MS. (2009) "Amino Acid Supplement May Help Treat Trichotillomania" *Prac. Rev. in Derm.* 24-07

40. Kolodney, MS. (2009) "Is Molecular Analysis of SLNs More Sensitive Than Pathologic Examination?" *Prac. Rev. in Derm.* 24-08
41. Kolodney, MS. (2009) "Useful Guidelines for Diagnosing Loose Anagen Syndrome" *Prac. Rev. in Derm.* 24-08
42. Kolodney, MS. (2009) "Some Patients Meeting Criteria for NF1 Actually Have Legius Syndrome" *Prac. Rev. in Derm.* 24-08
43. Kolodney, MS. (2009) "Slow-Growing Melanoma May Explain Discrepancy Between Incidence, Mortality" *Prac. Rev. in Derm.* 24-08
44. Kolodney, MS. (2008) "Tumor Thickness Predicts Risk for SCC Metastasis" *Prac. Rev. in Derm.* 23-03
45. Kolodney, MS. (2008) "Is Botox Transported Back to the Brain?" *Prac. Rev. in Derm.* 22-09
46. Kolodney, MS. (2008) "Can Imiquimod Replace Surgery for Lentigo Maligna?" *Prac. Rev. in Derm* 22-05 (9)
47. Kolodney, MS. (2008) "Ugly Duckling" Sign Survives Scientific Scrutiny" *Prac. Rev. in Derm* 22-05 (8)
48. Kolodney, MS. (2008) "More Evidence for Deposition of Gadolinium in NSF" *Prac. Rev. in Derm* 22-05 (7)
49. Kolodney, MS. (2008) "Can Infliximab Infusions Improve Hidradenitis Suppurativa?" *Prac. Rev. in Derm* 22-05 (7)
50. Kolodney, MS. (2008) "High Survival Rate Associated With Primary Dermal Melanoma" *Prac. Rev. in Derm* 22-05 (6)
51. Kolodney, MS. (2008) "Anti-TNF Biologic vs. Methotrexate for Treatment of Psoriasis" *Prac. Rev. in Derm* 22-05 (5)
52. Kolodney, MS. (2008) "Is There a Preferred Steroid-Sparing Agent for Bullous Pemphigoid?" *Prac. Rev. in Derm* 22-04 (10)
53. Kolodney, MS. (2008) "Is Dapsone Beneficial in Pemphigus?" *Prac. Rev. in Derm* 22-04 (9)
54. Kolodney, MS. Can (2008) "Large Case-Controlled Study Fails to Show Benefit for IVIG in TEN/SJS" *Prac. Rev. in Derm* 22-04 (8)
55. Kolodney, MS. (2008) "Progress Report on First Human Partial Face Transplant" *Prac. Rev. in Derm* 22-04 (7)

56. Kolodney, MS. Can (2008) "Severe Psoriasis Associated With Increased Risk of Dying" Prac. Rev. in Derm 22-04 (6)
57. Kolodney, MS. (2008) "Depletion of B Cells May Improve AD" Prac. Rev. in Derm 22-04 (5)
58. Kolodney, MS. Can (2008) "What Really Causes Amiodarone-Induced Photo-Pigmentation?" Prac. Rev. in Derm 22-04 (4)
59. Kolodney, MS. (2008) "Oxymetazoline May Get the Red Out of Vascular Rosacea" Prac. Rev. in Derm 22-03 (3)
60. Kolodney, MS. (2008) "Handheld Diode Laser Effective for Hair Removal" Prac. Rev. in Derm 22-03 (2)
61. Kolodney, MS. Can (2008) "Botox or Changing Mole: Who Gets Seen First?" Prac. Rev. in Derm 22-03 (1)
62. Kolodney, MS. (2007) "Inflammatory Peptide Implicated in Rosacea" Prac. Rev. in Derm 22-02 (4)
63. Kolodney, MS. (2007) "Genetic Variant Increases Risk for Corticosteroid-Induced SCC" Prac. Rev. in Derm 22-02 (3)
64. Kolodney, MS. (2007) "Efalizumab Is a Promising Treatment for DLE" Prac. Rev. in Derm 22-02 (2)
65. Kolodney, MS. (2007) "Minocycline Causes Drug-Induced Lupus in Acne Patients" Prac. Rev. in Derm 22-02 (1)
66. Kolodney, MS. (2007) "Can Cutaneous Anesthesia Produce Artifacts in Skin Biopsies?" Prac. Rev. in Derm 22-01 (2)
67. Kolodney, MS. (2007) "Are Ca Incidence & Mortality Rates Increased by Low Vitamin D Levels?" Prac. Rev. in Derm 21-05 (2)
68. Kolodney, MS. (2007) "Retinol Improves Fine-Wrinkles on Sun-Protected Skin in the Elderly" Prac. Rev. in Derm 21-05 (1)
69. Kolodney, MS. (2007) "Minimal data supports use of systemic corticosteroids in atopic dermatitis" Prac. Rev. in Derm 21-04 (6)
70. Kolodney, MS. (2007) "Anti-TNF drugs do not decrease antibody response to pneumococcal vaccination" Prac. Rev. in Derm 21-04 (5)
71. Kolodney, MS. (2007) "NB-UVB helps take the itch away" Prac. Rev. in Derm. 21-04 (4)
72. Kolodney, MS. (2007) "Redarkening occurs after PDL Tx for port wine stains" Prac. Rev. in Derm 21-04 (3)

73. Kolodney, MS. (2007) "Two types of itch in the brain" *Prac. Rev. in Derm.* 21-03 (6)
74. Kolodney, MS. (2007) "Do corticosteroids reduce coronary aneurysm in children with Kawasaki disease?" *Prac. Rev. in Derm.* 21-03 (7)
75. Kolodney, MS. (2007) "NFD is associated with gadolinium deposition in the skin" *Prac. Rev. in Derm.* 21-03 (5)
76. Kolodney, MS. (2007) "Daily treatment with valcyclovir can reduce HIV levels" *Prac. Rev. in Derm.* 21-03 (4)
77. Kolodney, MS. (2007) "Genetically modified epidermal stem cells: Possible treatment for EB" *Prac. Rev. in Derm.* 21-03 (3)
78. Kolodney, MS. (2007) "Can Curettage and Electrodesiccation be used on the Face?" *Prac. Rev. in Derm.* 21-01 (9)
79. Kolodney, MS. (2007) "Does finasteride 1mg/day reduce PSA?" *Prac. Rev. in Derm.* 21-01 (4)
80. Kolodney, MS. (2007) "Does psoriasis increase the risk of MI?" *Prac. Rev. in Derm.* 2-01 (3)
81. Kolodney, MS. (2007) "Comparison of corticosteroid sparing agents in pemphigus" *Prac. Rev. in Derm.* 21 (1)
- 82. Chapters**
83. Elson EL, Felder SF, Jay PY, Kolodney MS and Pasternack C (1998) Forces and Mechanical Properties in Cell Locomotion. In Sols, D.R. and Wessels, D.R. (eds) "Motion Analysis of Living Cells" New York: Wiley-Liss.

## **Lectures and Presentations**

*"Genome Scale Sequencing Approaches to Identifying Mutations Driving the Formation of Cutaneous Lesions"* 8/27/2016

Invited Lecture: WV Dermatological Society Annual Meeting

*"Discovery and Clinical Development of a Drug to Treat Double Chins"* 4/25/2013

Featured Lecture: Carilion Research Day 2013

*"Whole Exome Sequencing reveals a uniquely large mutational burden in Basal Cell Carcinomas"* 3/20/2013

Late Breaking Research Symposium  
71st Annual Meeting of the Amer. Acad. of Derm.  
Miami, FL

*"New Developments in therapy of Skin Disease"* 2/2/2013

Virginia Academy of Family Medicine



Annual Winter Meeting Wintergreen, VA	
<i>"The Language of Dermatology"</i> Carilion Clinic Dept. Medicine Grand Rounds Roanoke, VA	9/28/2012
<i>"Targeted Therapy for Melanoma"</i> Invited Lecture Pacific Dermatologic Association 61 <sup>st</sup> Annual Meeting, Pasadena, CA	8/14/2010
<i>"Molecularly Targeted Staging and Therapy of Melanoma"</i> UCLA Dermatology Grand Rounds, Los Angeles, CA	7/06/2010
<i>"Molecularly Targeted Staging and Therapy of Melanoma"</i> Harbor-UCLA Dept Medicine Grand Rounds, Torrance, CA	5/25/2010
<i>"Neonatal Dermatology"</i> Harbor-UCLA Division of Neonatology, Torrance, CA	3/23/2010
<i>"Deoxycholate for Localized Destruction of Fat"</i> Dept. of Dermatology, Mahidol University, Bangkok, Thailand	3/2/2010