



Vladimir Vincek, M.D., Ph.D.

*Director of the Dermatopathology Fellowship Program, University of Florida
Professor, University of Florida
Consulting Dermatopathologist for iPathology Laboratory*

Biography

Dr. Vincek earned his Medical Degree and Ph.D. from the University of Rijeka, Croatia, and later became a postdoctoral fellow and research associate in the Department of Immunogenetics at the Max-Planck Institute for Biology in Tübingen, Germany, under directorship of Professor Jan Klein. During that time, he published more than 30 publications related to the structure and evolution of the major histocompatibility complex. Additionally, to date, he has also authored more than 100 publications in peer-reviewed medical journals.

In 1990, Dr. Vincek was appointed as an assistant professor at University of Miami, where he received the tenure and promotion to full professor in the Departments of Microbiology, Immunology and Pathology. During his tenure at the University of Miami, he mentored three Ph.D. graduate students, continuing his research of major histocompatibility complex, and developed new research on the genetics of skin cancer, wound-healing and tissue preservation.

Dr. Vincek received funding for his research through grants from the National Institutes of Health (NIH), American Cancer Society (ACS), National Science Foundation (NSF) and Flight Attendants' Medical Research Institute grants. He also completed a residency in anatomic and clinical pathology and fellowship training in Dermatopathology at the University of Miami while actively operating a research laboratory.

In 2007, Dr. Vincek accepted a position at the University of Florida in Gainesville, where he became a professor and the director of its Dermatopathology Program. Dr. Vincek continues his work at the University of Florida, where he performs ongoing research on genetics of melanocytic lesions of skin.

Current Interests

Board-Certified in Anatomic and Clinical Pathology by the American Board of Pathology and in Dermatopathology by the American Boards of Dermatology and Pathology, Dr. Vladimir Vincek is the director for the University of Florida Department of Pathology, Immunology and Laboratory Medicine's Dermatopathology Unit. His goal is to further enhance clinical Dermatopathology service with simultaneous excellence in teaching and research.

Dr. Vincek is one of only a few Dermatopathologists in the United States that is a practicing clinical Dermatopathologist and funded researcher in the area of skin disorders.

He is also a prolific author with more than 100 peer-reviewed publications in Dermatopathology, Dermatology and Pathology and was awarded several research grants by the NIH, ACS and NSF. He serves as a scientific reviewer for the NIH and ACS, and is a reviewer for several industry-leading scientific journals.

Continuing in his academic tradition, Dr. Vincek actively teaches in Dermatology and Pathology training programs, as well as in UF's Dermatopathology Fellowship Program. He also continues to pursue his research interest in gene expression analysis of melanocytic lesions and study of abnormal wound healing.

Vladimir Vincek, M.D., Ph.D.

Curriculum Vitae

Director of the Dermatopathology Fellowship Program, University of Florida

Professor, University of Florida

Consulting Dermatopathologist for iPathology Laboratory

HIGHER EDUCATION:

Institutional:

University of Rijeka, School of Medicine, Croatia M.D.	1984
University of Rijeka, School of Medicine, Croatia DMSc. (Ph.D. equiv.)	1993

Certification, licensure:

USMLE 1	1993
USMLE 2	1994
Croatian Medical License, Croatian Ministry of Health	1995
USMLE 3	1996
Educational Commission for Foreign Medical Graduates Philadelphia	1996
University of Miami School of Medicine - Department of Pathology Residency	1997-2001
University of Miami School of Medicine - Dermatopathology Fellowship	2000-2001
Florida Medical License, # ME80131	2000-present
Indiana Medical License, #01052188A	2000-present
The American Board of Pathology, Certified in Anatomic and Clinical Pathology	2002-present
A Diplomate of The American Board of Pathology in Dermatopathology	2003-present

EXPERIENCE:

Max-Planck-Institute for Biology - Department of Immunogenetics Summer student - Tübingen, Germany	1984
Max-Planck-Institute for Biology - Department of Immunogenetics Postdoctoral Fellow - Tübingen, Germany	1986-1988
Max-Planck-Institute for Biology - Department of Immunogenetics Research Associate - Tübingen, Germany	1989
University of Miami School of Medicine - Department of Microbiology and Immunology Res. Assistant Professor	1990-1993

University of Miami School of Medicine - Department of Microbiology and Immunology Tenure-track Assist. Prof.	1993-1997
University of Miami School of Medicine - Marine & Freshwater Biomedical Science Center Center Investigator	1995-2003
University of Miami School of Medicine - Department of Pediatrics (Secondary Appointment) Assistant Professor	1996-1997
University of Miami School of Medicine - Department of Microbiology and Immunology Tenured Associate Professor	1997-2006
University of Miami School of Medicine - Department of Dermatology & Cutaneous Surgery Voluntary Faculty	2001-2007
University of Miami School of Medicine - Department of Pathology Tenured Associate Professor	2001-2006
University of Miami School of Medicine - Department of Pathology Tenured Professor	2006-2007
University of Miami School of Medicine - Department of Microbiology and Immunology Tenured Professor	2006-2007
University of Florida - Department of Pathology, Immunology, and Laboratory Medicine Clinical Professor	2007-present
University of Florida - Department of Pathology, Immunology, and Laboratory Medicine Director of Dermatopathology	2007-present
University of Florida - Department of Medicine, Dermatology Division (secondary appointment) Clinical Professor	2007-present
University of Florida - Department of Pathology, Immunology, and Laboratory Medicine Medical Director of Diagnostic	2008-present
iPathology Laboratory Consulting Dermatopathologist	2011-present

HOSPITAL APPOINTMENTS:

Jackson Memorial Hospital	Miami, FL	2001– 2007
Veterans Administration Hospital	Miami, FL	2001– 2007
Shands at the University of Florida	Gainesville, FL	2007-present
Veterans Administration Hospital	Gainesville, FL	2007-present

PUBLICATIONS:

Books and Monographs Published:

1. Klein J, O'hUigin C, Kasahara M, **Vincek V**, Klein D, and Figueroa F (1991). Frozen haplotypes in Mhc evolution. In: J. Klein and D. Klein (eds.) *Molecular Evolution of the Major Histocompatibility Complex*. pp. 261-286. Nato ASI Series H: Cell Biology, Vol. 59.
2. Klein J, **Vincek V**, Kasahara M, and Figueroa, F (1988). Is there a t complex in man? In R.W. Bear and F. Sharp (eds.) *Early Pregnancy Loss Mechanisms and Treatment*, pp. 269-274.

Juried or refereed journal articles (in chronological order):

1. Russo J, Barr K, Scanlan L, and **Vincek V**. Signet Ring Cell Melanoma, Brenner sign and elevated VEGF. *J Amer Acad Dermat*, accepted for publication 2010.
2. Barr KL and **Vincek V**. Subcutaneous intravascular pyogenic granuloma. *Cutis*, accepted for publication 2010.
3. Abbo L and **Vincek V**. Ecthyma gangrenosum secondary to ESBL producing E. coli. Case report and review of literature. *Clin Infec Disease*, accepted for publication 2010.
4. Kobrei K, Church A, and **Vincek V**. Crusted pink papule in a 20 year old. *Int J Dermat*, accepted for publication 2010.
5. Barr KL, Russo JJ, and **Vincek V** (2010). CD117 is not a useful marker for diagnosing atypical fibroxanthoma, *Am J Dermatopathol* 32:528.
6. **Vincek V**, Xu S, and Fan YS (2010). Comparative genome hybridization analysis of laser capture microdissected in situ melanoma, *J Cut Path* 37:3-7.
7. Russo JJ, Rusiecki R, **Vincek V**, Burt MJ, and Rand K (2010). Purpuric eruption in a patient treated with systemic steroids. *Arch Dermat* 146:191-196.
8. Garrison AP, Morris MI, Doblecki Lewis S, Smith L, Cleary TJ, Procop GW, **Vincek V**, Rosa-Cunha I, Alfonso B, Burke GW, Tzakis A, and Hartstein AI (2009). Mycobacterium abscessus infection in solid organ transplant recipients: report of three cases and review of the literature. *Transpl Infect Dis* 11:541-548.
9. Nassiri M, Woolery-Lloyd H, Ramos S, Jacob SE, Gugic D, Romanelli P, Elgart G, Berman B, and **Vincek V** (2009). Gene expression profiling reveals alteration of Caspase 6 and 14 in normal skin of keloid-prone patients, *Arch Dermat Res* 301:183-188.
10. Barr KL, Chhatwal HK, Wesson SK, Bhattacharyya I, and **Vincek V** (2009). Pyoderma gangrenosum masquerading as necrotizing fasciitis. *Amer J Otolaryngol* 30:273- 276.
11. Barr KL, O'Connell FM, Wesson SK, and **Vincek V** (2009). Nonbullous neutrophilic dermatosis: Sweet's syndrome, neonatal lupus erythematosus, or both? *Mod Rheumatol* 19:212-215.
12. Barr KL, Russo JJ, and **Vincek V** (2009). CD117 immunoreactivity in atypical fibroxanthoma and malignant fibrous histiocytoma. *Amer J Dermatopath* 31: 96-98.
13. Chhatwal HK, Barr KL, Bhattacharyya I, Seagle B, and **Vincek V** (2008). A newborn with a large, rubbery, and non-tender mass on the left side of nose. *Ped Dermatol* 25:557- 558.
14. Charles CA, Tomic-Canic M, **Vincek V**, Nassiri M, Stojadinovic O, Eaglstein WH, and Kirsner R. (2008). A gene signature of nonhealing venous ulcers: potential diagnostic markers, *J Amer Acad Dermat* 59:758-771.
15. Gugic D, Cleary T, and **Vincek V**. (2008). Candida glabrata infection in gastric carcinoma patient mimicking cutaneous histoplasmosis. *Dermat Online J* 14:15.
16. Nassiri M, Ramos S, Zohourian H, **Vincek V**, Morales AR, and Nadji M (2008). Preservation of biomolecules in breast cancer tissue by a formalin-free histology system. *BMC Clin Pathol* 28: 8:1-8.

17. Garrison AP, Procop GW, **Vincek V**, Moon J, Morris MI, Doblecki-Lewis S, Cleary TJ, Brust D, and Rosa-Cunha I (2008). A case of subcutaneous *Mycocleptodiscus indicus* infection in a liver transplant recipient successfully treated with antifungal therapy. *Transpl Infect Dis* 10:218-220.
18. Blasini W, Saini R, and **Vincek V** (2007). Acute hemorrhagic edema of infancy: a case report. *Dermat Online J* 13:27.
19. Gugic D, DeLair D, and **Vincek V** (2007). Unusual cystic variant of rhinophyma. *Cutis* 80:484-486.
20. Gugic D, Nassiri M, Nadji M, Morales A, and **Vincek V** (2007). Novel tissue preservation and tissue fixative for comparative pathology research. *J Exp Anim Sci* 43:271- 281.
21. Shariatmadar S, Pysopoulos NT, and **Vincek V**, Noto TA, and Tzakis AG (2007). Alloimmunization to red cell antigens in liver and multivisceral transplant patients. *Transplant* 84:527-531.
22. Nassiri M, Guic D, Olczyk J, Ramos S, and **Vincek V** (2007). Preservation of skin DNA for oligonucleotide CGH studies: A feasibility study. *Arch Dermatol Res* 299:353- 357.
23. Blassini W, Shasa H, Gugic D, and **Vincek V** (2007). Papillary eccrine adenoma in association with cutaneous horn. *Am J Clin Dermat* 8:179-182.
24. Abbo L, **Vincek V**, Dickinson G, Shresha N, Doblecki S, and Haslett PAJ (2007). Selective defect in plasmacytoid dendritic cell function in a patient with AIDS-associated atypical genital herpes simplex vegetans treated with imiquimod. *Clin Infect Dis* 44:25-27.
25. Harrison-Balestra C, Gugic D, and **Vincek V** (2007). Clinically distinct form of acquired dermal melanocytosis with review of literature. *J Dermat* 34:178-182.
26. Rodriguez G, Trent JT, Mirzabeigi M, Zaulyanov L, Bruce J, and **Vincek V** (2006). Toxic epidermal necrolysis in a mother and fetus. *J Amer Acad Dermat* 55:S96-98.
27. Mirzabeigi M, Farooq U, Baranian S, Dowdy L, Ciancio G, and **Vincek V** (2006). Reactivation of dormant cutaneous *Leishmania* infection, *Cutan Pathol* 33:701-704.
28. Lopes G, Decesare T, Ghurani G, **Vincek V**, Jorda M, Gluck S, and Silva O (2006). Primary ectopic breast cancer presenting as a vulvar mass. *Clin Breast Cancer* 7:278-279.
29. **Vincek V** (2006). Word of caution: A comment on the article by Cox et al. "Assessment of fixatives, fixation, and tissue processing on morphology and RNA integrity. *Experim Mol Pathol* 81:181.
30. Lopes G, **Vincek V**, and Raez LE (2006). Pemetrexed-associated urticarial vasculitis. *Lung Cancer* 51:247-249.
31. **Vincek V**, Mirzabeigi M, Jewett BS, and Goodwin JW (2005). Primary carcinosarcoma of the external ear concha. *ENT Journal* 84:712-715.
32. Farooq U, Mirzabeigi M, and **Vincek V** (2005). Solitary angiokeratoma of the tongue. *Europ J Pediat Dermat* 15:233-235.
33. Borenstein M, Mirzabeigi M, and **Vincek V** (2005). Pityrosporum and seborrheic keratosis: an association. *Dermat Online J* 11:3.
34. **Vincek V**, Nassiri M, Block N, Welsh CF, Nadji M, and Morales AR (2005). Methodology for preservation of high molecular weight RNA in paraffin-embedded tissue: Application for laser capture microdissection. *Diag Molec Pathol* 14:127-133.
35. Nadji M, Nassiri M, **Vincek V**, Kamhoush R, and Morales AR (2005). Immunohistochemistry of tissue prepared by a molecular-friendly fixation and processing system. *Appl Immunohistochem Mol Morphol* 13:277-282.
36. Chang DCW and **Vincek V** (2005). Pathology quiz case 1. Chondroid Syringoma. *Arch Otolaryngol Head Neck Surg* 131:642.
37. Shariatmadar S, Nassiri M, and **Vincek V** (2005). The effect of plasma exchange on cytokines measured by multianalyte bead array in thrombotic thrombocytopenic purpura. *Am J Hematol* 78:1-6.

38. Cleary TJ, Morales AR, Nadji M, Nassiri M, and **Vincek V** (2005). Antimicrobial activity of UMFIX tissue fixative. *J Clin Pathol* 58:22-25.
39. **Vincek V**, Zaulyanov L, and Mirzabeigi, M (2004). Kaposiform hemangioendothelioma: The first reported case in a non-human animal species. *Vet Pathol* 41:695-697.
40. Weinstein A, Mirzabeigi M, Withee M, and **Vincek V** (2004). Lymphomatoid papulosis in an HIV-positive man. *AIDS Patient Care STDs* 18:9-13.
41. Bejarano PA, Levi D, Nassiri M, **Vincek V**, Garcia M, Weppler D, Selvaggi G, Kato T, and Tzakis A (2004). The pathology of full thickness cadaver skin transplantation for large abdominal defects: A proposed grading system for skin allograft acute rejection. *Am J Surg Pathol* 28:670-675.
42. **Vincek V**, Jacob SE, Nassiri M, Herbert LM, Nadji M, and Kerdel FA (2004). Infilimab (Remicade) monotherapy in psoriasis. A case of rapid clinical and histological response. *Int J Dermat* 43:303-308.
43. Morales AR, Nassiri M, Kanhoush R, **Vincek V**, and Nadji, M (2004). Experience with an automated microwave assisted rapid tissue processing method: Effect on histology and the timeliness of diagnostic surgical pathology. *Am J Clin Pathol* 121:528-536.
44. Rodgers CJ, Romagosa R, and **Vincek V** (2004). Cutaneous sarcoidosis associated with pegylated interferon alpha and ribovirin therapy in a patient with chronic hepatitis C. *J Am Acad Dermatol* 50:649-650.
45. **Vincek V**, Knowles J, Li J, and Nassiri M (2003). Expression of p63 mRNA in normal human tissue. *Anticancer Res* 23:3945-3948.
46. Sullivan TP, Dearaujo T, **Vincek V**, and Berman B (2003). Evaluation of superficial basal cell carcinoma after treatment with imiquimod 5% cream or vehicle for apoptosis and lymphocyte phenotyping. *Dermat Surg* 29:1181-1186.
47. Jacob SE, Nassari M, Kerdel FA, and **Vincek V** (2003). Rapid measurement of multiple cytokines in psoriasis patients and correlation with disease severity. *Mediators Inflamm* 12:309-313.
48. Adkins B, Bu Y, **Vincek V**, and Guevara P (2003). The primary response of murine neonatal lymph node CD+ cells are Th-2 skewed and are sufficient for the development of Th-2 biased memory. *Clin Dev Immunol* 10:43-51.
49. **Vincek V**, Nassiri M, Nadji M, and Morales AR (2003). A tissue fixative that protects macromolecules (DNA, RNA, and protein) and histomorphology in clinical samples. *Lab Invest* 83:1427-1435.
50. Jacob SE, Berman B, Nassiri M, and **Vincek V** (2003). Topical application of imiquimod 5% cream to keloids alters expression genes associated with apoptosis. *Br J Dermat* 149: 1-4.
51. **Vincek V**, Nassiri M, Knowles J, Nadji M, and Morales AR (2003). Preservation of tissue RNA in normal saline. *Lab Invest* 83:137-138.
52. Malek TR, Yu A, **Vincek V**, Scibelli P, and Kong L (2002). CD4 regulatory T-cells prevent lethal autoimmunity in IL-2RB-deficient mice: Implications for the non-redundant function of IL-2. *Immunity* 17:167-178.
53. Morales A, Essenfeld H, Dubaue C, **Vincek V**, and Nadji M (2002). Continuous specimen flow, high throughput, one-hour tissue processing. *Arch Pathol Lab Med* 126:584-590.
54. Handel-Fernandez ME, Nassiri M, Arana M, Perez MM, Fresno M, Nadji M, and **Vincek V** (2000). Mapping of genetic deletions on the long arm of chromosome 22 in human pancreatic adenocarcinoma. *Anticancer Res* 20:4451-4456.
55. Walsh PJ, Heitz MJ, Campbell CE, Cooper GJ, Medina M, Wang YS, Goss GG, **Vincek V**, Wood CM, and Smith CP (2000). Molecular characterization of a urea transporter in the gill of the gulf toadfish (*opsonus beta*). *J Exp Biol* 203:2357-2364.

56. Scordi IA and **Vincek V** (2000). Time course study of UVB-induced cytokine induction in whole mouse skin. *Photodermatol Photoimmunol Photomed* 16:67-73.
57. Scordi IA, Nassiri M, Hanly A, and **Vincek V** (1999). Interleukin 11 (IL-11) reduces apoptosis in UVB irradiated mouse skin. *Dermatology* 199:296-301.
58. Walsh PJ, Handel-Fernandez ME, and **Vincek V** (1999). Characterization and sequencing of glutamine synthetase cDNA from ureothelic toadfish. *Comp Biochem Physiol* 124:251-259.
59. Handel-Fernandez ME, Kurimoto I, Streilein JW, and **Vincek V** (1999). Genetic mapping and physical cloning of UVB-susceptibility region in mice. *J Invest Dermatol* 113:224-229.
60. Handel-Fernandez ME and **Vincek V** (1999). Sequence analysis and expression of a mouse homologue of human I kappa B gene. *Biochim Biophys Acta* 1444:306-310.
61. Handel-Fernandez ME and **Vincek V** (1999). Early cancer detection by microsatellite marker analysis. *Med Hypothesis*, 53:114-117.
62. Malaga-Trillo E, Zaleska-Rutczynska Z, McAndrew B, **Vincek V**, Figueroa F, Sultmann H, and Klein J (1998). Linkage relationships and haplotype polymorphism among cichlid Mhc class II B loci. *Genetics* 149:1527-1537.
63. Graser R, **Vincek V**, Takami K, and Klein J (1998). Analysis of zebrafish Mhc using BAC clones. *Immunogenetics* 47:318-325.
64. Trachtulec Z, Forejt J, Hamvas RMJ, Mayer W, Figueroa F, Lehrach HMR, **Vincek V**, and Klein J (1997). Linkage of TATA-binding protein and proteasome subunit C5 genes in mouse and human reveals synteny conserved in mammals and invertebrates. *Genomics* 44:1-7.
65. Graser TR, Malnar-Dragojević D, and **Vincek V** (1997). Cloning & characterization of a 70kd heat shock cognate (*hsc 70*) gene from the zebrafish (*Danio rerio*). *Genetica* 98:273-276.
66. Trachtulec Z, Mnukova-Fajdelova M, Hamvas RMJ, Gregorova S, Mayer W, Lehrach HMR, Klein J, Forejt J, and **Vincek V** (1997). Isolation of candidate Hybrid Sterility 1 genes by cDNA selection in a 1.1 Mbp region on mouse chromosome 17. *Mamm Genome* 8:312-316.
68. **Vincek V**, O'hUigin C, Satta Y, Boag PT, Grant PR, Grant BR, and Klein J (1997). How large was the founding population of Darwin's finches? *Pro Royal Soc London*, 264:111- 118.
69. Malnar-Dragojević D, Trachtulec Z, and **Vincek V** (1997). Assignment of the mouse ligatin gene (*Lgtn*) to chromosome 1F by in situ hybridization. *Genomics*, 40:192-193.
70. Gregorova S, Mnukova-Fajdelova M, Trachtulec Z, Čapkova J, Loudova M, Hoglund M, Hamvas R, Lehrach H, **Vincek V**, Klein J, and Forejt J (1996). Sub-milliMorgan map of the proximal mouse chromosome 17 including hybrid sterility 1 gene. *Mamm Genome* 7:107-113.
71. Graser R, O'hUigin C, **Vincek V**, Meyer A, and Klein J (1996). Trans-species polymorphism of class II Mhc loci in danio fishes. *Immunogenetics* 44:36-48.
72. **Vincek V**, Klein D, Graser, RT, Figueroa F, O'hUigin C, and Klein J (1995). Molecular cloning of major histocompatibility complex class II B gene cDNA from the Bengalese finch *Lonchura striata*. *Immunogenetics*, 42:262-267.
73. Crouse C and **Vincek V** (1995). Identification of ABO alleles on forensic-type specimens using rapid-ABO genotyping. *Biotechniques*, 18:478-483.
74. **Vincek V** (1995). Sunlight induced progression of AIDS. *Med Hypothesis* 44:119-123.
75. Jones EP, Xiao H, Schultz RA, Flanerty L, Trachtulec Z, **Vincek V**, Klein, J, Lehrach H, and Lindahl KF (1995). MHC class I gene organization in >1.5 Mb YAC contigs from H2-M region, *Genomics* 27:40-51.
76. Streilein JW, Taylor RJ, **Vincek V**, Kurimoto I., Richardson J, Tie C, Medema JP, and Golomb C (1994). Relationship between ultraviolet radiation-induced immunosuppression and carcinogenesis. *J Invest Dermatol* 103:1075-1115.
77. Trachtulec Z, **Vincek V**, Hamvas R, Forejt J, Lehrach H, and Klein J (1994). Physical map of mouse chromosome 17 in the region relevant for positional cloning of the hybrid sterility 1 gene. *Genomics* 23:132-137.

78. Medema JP, Streilein JW, Graser R, and **Vincek V** (1994). Nucleotide sequence of the tumor necrosis factor α gene in seven different mouse inbred strains. *Immunogenetics* 40:243-244.
79. **Vincek V**, Kurimoto I, and Streilein JW (1994). Polymorphism at tumor necrosis factor alpha locus and susceptibility to toxoplasmic encephalitis, ultraviolet-B induced immune impairment, and MAIDS. *J Acquir Immune Defic Synd* 7:734-735.
80. Richardson JC, Streilein JW, and **Vincek V** (1994). Restriction fragment length polymorphism of tumor necrosis factor alpha in H-2 congenic inbred strains. *Mouse Genome* 92:133-134.
81. Streilein JW, Taylor JR, **Vincek V**, Kurimoto I, Shimizu T, Tie C, and Golomb C (1994). Immune surveillance and sunlight-induced skin cancer. *Immunol Today* 15: 174-179.
82. **Vincek V**, Bontrop R, O'hUigin C, and Figueroa F (1994). Polymorphism of the β -globin region in apes: implications for the origin of human haplotypes, *Mamm Genome* 5:376-379
83. Crouse CA, **Vincek V**, and Caraballo BK (1994). Analysis and interpretation of the "1.1 phenomenon" observed during the HLA DQ α amplotype procedure. *J Foren Sci* 39:41-51.
84. **Vincek V**, Passmore HC, Trachtulec Z, Figueroa F, and Klein J (1993). Genetic mapping of the mouse *t* complex distal inversion. *Mouse Genome* 91:331-333.
85. Klein D, Ono H, O'hUigin C, **Vincek V**, and Klein J (1993). Extensive Mhc variability in African cichlid fishes. *Nature* 364:330-334.
86. Ono H, O'hUigin C, **Vincek V**, and Klein J (1993). Exon-intron organization of fish major histocompatibility complex class II B gene. *Immunogenetics* 38:223-234.
87. Mayer WE, Sevilir N, O'hUigin C, **Vincek V**, Zaleska-Rutczynska Z, and Klein J (1993). Class I major histocompatibility complex genes of the red-necked wallaby, *Macropus rufogriseus*. *Mol Phylogenet Evol*, 2:23-30.
88. Schönbach C, **Vincek V**, Mayer WE, Golubic M, and Klein J (1993). Multiplication of Mhc-DRB5 loci in the orangutan: Implications for the evolution of DRB haplotypes. *Mamm. Genomics* 4:159-170.
89. Malek T.R., **Vincek V**, Gatalica, B, and Bucan M (1993). IL-2 receptor β chain gene (1e-2rb) is closely linked to the *Pdgfb* on mouse chromosome 15. *Immunogenetics* 38:154-156.
90. Ono H, O'hUigin C, **Vincek V**, Stet RJM Figueroa F, and Klein J (1993). New β chain-encoding Mhc class II genes in the carp. *Immunogenetics*, 38:146-149.
91. **Vincek V**, Kurimoto I, Medema JP, and Streilein JW (1993). *Tnfa* polymorphisms correlate with deleterious effects of ultraviolet B light on cutaneous immunity. *Cancer Res* 53:728-732.
92. Martinko J.M, **Vincek V**, Klein, D, and Klein, J (1993). Primate ABO glycosyltransferases: Evidence for trans-species evolution. *Immunogenetics*, 37:274-278.
93. Ono H, Klein D, **Vincek V**, Figueroa F, O'hUigin C, Tichy H, and Klein J (1992). Mhc class II genes of zebrafish. *Proc Natl Acad Sci USA* 89:11886-11890.
94. Kasahara M, Klein D, **Vincek V**, Sarapata D, and Klein J (1992). Comparative anatomy of the primate major histocompatibility complex DR subregion: Evidence for combinations of DRB genes conserved across species. *Genomics* 14:340-349.
95. Brändle V, Ono H, **Vincek V**, Klein D, Golubic M, Grahovac B, and Klein J (1992). Trans-species evolution of Mhc-DRB haplotype polymorphism in primates: Organization of DRB genes in the chimpanzee. *Immunogenetics*, 36:39-48.
96. Grahovac B, Mayer W, **Vincek V**, Figueroa F, O'hUigin C, Tichy H, and Klein J (1992). Major Histocompatibility Complex DRB genes of a new world monkey, the cotton-top tamarin. *Mol Biol Evol* 9:403-416.

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99. Klein D, **Vincek V**, Kasahara M, Schönbach C, O'hUigin C, and Klein J (1991). Gorilla Mhc-DRB psuedogene: Implications for the evolution of the HLA-DR4 haplotype. *Hum Immunol* 32:211-220.
100. Schneider S, **Vincek V**, Tichy H, Figueroa F, and Klein J (1991). Class II genes of a marsupial, red-necked wallaby (*Macropus rufogriseus*): Identification of new gene families. *Mol Biol Evol* 8:753-766.
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103. Forejt J, **Vincek V**, Klein J, Lehrach H, and Loudova-Mickova M (1991). Genetic mapping of the t complex region on mouse chromosome 17 including the hybrid sterility-1 gene. *Mamm Genome* 1:84-91.
104. **Vincek V**, Figueroa F, Gill TJ, Hassett ALC, and Klein J (1990). Mapping in the mouse region homologous to growth & reproduction complex (*grc*). *Immunogenetics* 32:293-295.
105. Sertic J, **Vincek V**, Ledley FD, Figueroa F, and Klein J (1990). Mapping of the L-methyl malonyl CoA mutase gene to mouse chromosome 17. *Genomics* 6:560-564.
106. **Vincek V**, Sertic J, Zaleska-Rutczynska Z, Figueroa F, and Klein J (1990). Characterization of H-2 congenic strains using DNA markers. *Immunogenetics* 31:45-51.
107. Sertic J, **Vincek V**, Figueroa F, Zaleska-Rutczynska Z, Golubic M, Kasahara, M, and Klein J (1989). Homologies between human chromosome 6 (HSA6) and mouse chromosome 17 (MMU17). *Mouse Newsletter* 85:88.
108. **Vincek V**, Kawaguchi H, Mizuno K, Zaleska-Rutczynska Z, Kasahara M, Figueroa F, and Klein J (1989). Mouse chromosome 17: genetic map of DNA markers. *Cytogenet Cell Genet* 51:1098-1099.
109. **Vincek V**, Kawaguchi H, Mizuno K, Zaleska-Rutczynska, Z, Kasahara M, Forejt J, & Klein (1989). Linkage map chrom.17: Localization of 27 new DNA markers. *Genomics* 5:773-786.
110. Mizuno K, **Vincek V**, Figueroa F, and Klein J (1989). Molecular characterization of four intra-t mouse recombinants. *Immunogenetics* 30:112-118.
111. Mizuno K, **Vincek V**, Figueroa F, and Klein J (1989). The *D17Tu5* locus in the t complex: implications for the origin of t haplotypes and inbred strains. *Immunogenetics* 30:105-111.
112. Figueroa F, **Vincek V**, Kasahara M, Bell GI, and Klein J (1988). Mapping of the Sod-2 locus into the t complex on mouse chromosome 17. *Immunogenetics* 28:260-264.
113. Klein J, **Vincek V**, Kasahara M and Figueroa, F (1988). Probing mouse origins with random DNA probes. *Curr Top Microbiol Immunol* 137:55-63.
114. **Vincek V**, Nizetic D, Golubic M, Figueroa F, Nevo E, and Klein J (1987). Evolutionary expansion of Mhc class I loci in the mole-rat *Spalax ehrenbergi*. *Mol Biol Evol* 4:483-491.
115. Bukara M, **Vincek V**, Figueroa F, and Klein J (1985). How polymorphic are class II loci of the mouse H-2 complex? *Immunogenetics* 21:569-579.

PROFESSIONAL:

Funded Research Performed:

ACS - Institutional grant. "Cloning of teratocarcinoma specific gene". 6/1/90-5/31/91. Amount \$6,000. V. Vincek, P.I.

NIH, R01 HD28395-01A1 "Male sterility genes in mice and humans" Period: 07/01/91 - 06/30/97. Current direct costs: 7/1/93-6/30/94 \$139,889. J. Klein, P.I., V. Vincek, Co-P.I.

NIH, R01 AI23667-06 "Polymorphism of the major histocompatibility complex" Period: 09/01/91 - 08/31/96. Current direct costs: 8/1/93-7/31/94 \$189,349. J. Klein, P.I., V. Vincek

ACS - Florida Division 793UM-1 "Characterization of genetic basis of ultraviolet-B induced skin cancer". Period: 1/1/93 - 12/31/93. Amount \$20,000. V. Vincek, P.I.

Marine School - Institutional grant "Characterization of the zebra fish major histocompatibility complex". Period: 8/1/93 - 7/31/94. Amount \$5,000. V. Vincek, P.I.

Stanley Glaser Research Foundation "Genetic basis of ultraviolet-B induced skin cancer". Period: 7/1/94 -6/30/95. Amount \$30,000. V. Vincek, P.

ACS – Institutional grant "The role of tumor necrosis factor–alpha in skin cancers". Period:12/1/94– 11/30/95. Amount \$10,000. V. Vincek, P.I.

NSF, "Characterization of the fish major histocompatibility genes". Period: 3/1/95–2/28/98. Total direct costs \$392,924. V. Vincek, P.I.

Institutional Equipment Fund Award. 3/28/95. Amount \$10,000. V. Vincek, P.I.

NIH, R01 "The role of TNF- α in UVB light induced skin cancer". Period: 3/1/96-2/29/00. Total direct cost \$345,600. V. Vincek, P.I.

ACS, CNE-86108, "Genetic basis of ultraviolet B induced skin cancer". Period: 7/1/98-6/30/03. Total direct cost: \$288,000. V. Vincek, P.I.

Sakura Finetek USA, Inc.: Research and Development Agreement for Rapid, Continuous Flow Tissue processing. Period 6/15/99-2007. Cost \$250,000. A.Morales, P.I. V.Vincek

Flight Attendant Medical Research Institute: Tobacco Smoke and Gene Expression in Sinus Mucosa, 7/1/2005- 6/30/2007, total cost \$ 217,000 V.Vincek, P.I.

Editorial Responsibilities:

1988-present Reviewer, Immunogenetics

1992-present Reviewer, Regional Immunology

1994-present Reviewer, Mammalian Genome

2004-present Reviewer, Am J Clinical Pathology

2004-present Reviewer, Am J Pathology

2004-present Reviewer, Expert Review of Proteomics

2004-present Reviewer, Veterinary Pathology

Professional and Honorary Organizations:

Member, College of American Pathologists
Member, American Society of Clinical Pathologists
Member, American Medical Association
Fellow of the American Society of Dermatopathology
Member, Florida Medical Association

Honors and Awards:

University of Rijeka, Rector's award for excellence as a medical student, 1984.
ACS national grant reviewer 1997-2000
NIH NCI Study Section Special Emphasis Panel, 2004
NIH NCI Study Section Special Emphasis Panel, 2005
NIH NCI Study Section Special Emphasis Panel, 2006
Flight Attendant Medical Research Institute, Cancer Grant Review Panel, 2006

Patents/Copyrights:

US Patent 7,138,226 **Vincek V**
Int'l Patent No. PCT/US03/14607 **Vincek V**

Conference proceedings and invited lectures:

Russo J, Barr K, Scanlan L, **Vincek V**. Signet Ring Cell Melanoma, Brenner Sign, and elevated VEGF. American Academy of Dermatology (AAD) Annual Meeting, Miami, 2010, *Poster*

Russo J, Ruseicki R, **Vincek V**, Rand K. Purpuric Eruption in Patients Treated with Systemic Steroids. American Academy of Dermatology (AAD), Miami, 2010, *Poster*

Nassiri M, Nadji M, Morales AR, **Vincek V**. Molecular friendly paraffin embedded tissue-University of Miami experience. Biospecimen Research Network (BRN) Symposium, Washington, D.C., 2008, *Poster*

Nassiri M, Gusic D, **Vincek V**, Nadji M, Morales AR. Is formalin-fixed tissue useful for array CGH studies? A comparison with molecular friendly fixative. Annual Meeting of United States and Canadian Academy of Pathology, San Diego, 2007, *Poster*

Nassiri M, Ramos S, Nadji M, Morales AR, **Vincek V**. Feasibility of top-down proteomic approach using paraffin blocks. Annual Meeting of United States and Canadian Academy of Pathology, San Diego, 2007, *Platform Presentation*

Nassiri M, Nadji M, Morales AR, **Vincek V**. Proteomics of tissue samples prepared by a molecular-friendly fixation and processing system. Annual Meeting of United States and Canadian Academy of Pathology, Atlanta, 2006, *Platform Presentation*

Southern Illinois University School of Medicine, Molecular Biology and Microbiology Department, Springfield, Illinois, 2006, *Invited Lecture*

Nassiri M, Nadji M, **Vincek V**, Morales AR. Proteomics of tissue samples prepared by a molecular-friendly fixation and processing system. HUPO 4th Annual World Congress, Munich Germany, 2005, *Poster*

Nassiri M, Nadji M, Xu A, **Vincek V**, Morales AR. Proteomics of tissue samples prepared by a molecular-friendly fixation and processing system. American Association of Cancer Research, Key Biscayne, 2004, *Poster*

Nassiri M, Shariatmadar S, **Vincek V**. Correlation of serum cytokines with laboratory indices in TTP. American Society for Apheresis, Miami, 2004, *Platform Presentation*

Shariatmadar S, Nassiri M, **Vincek V**. The effect of plasma exchange on multiple cytokines measured simultaneously in TTP. American Society for Apheresis, Miami, 2004, *Presentation*

Bejarano PA, Levi D, Nassiri M, **Vincek V**, Garcia M, Wepler D, Selvaggi G, Kato T, Tzakis A. The pathology of full thickness cadaver skin transplant to close large abdominal defects and a proposed grading system for skin allograft acute rejection. Annual Meeting of United States and Canadian Academy of Pathology, Vancouver, 2004, *Poster*

Nassiri M, **Vincek V**, Solorzano C, Irvin G, Nadji M. Predominance of pro-apoptotic p63 isoforms expression in normal and neoplastic human thyroid tissue. Annual Meeting of United States and Canadian Academy of Pathology, Vancouver, 2004, *Poster*

Jacob SE, Nassiri M, **Vincek V**, Kerdel FA. Rapid measurement of serum cytokines in psoriasis patients and correlation with disease severity. International Investigative Dermatology Meeting, Miami, 2003, *Poster*

Nassiri M, Wollery-Lloyd H, **Vincek V**, Berman B. Microarray study of apoptotic pathway in keloid vs normal skin. Annual Meeting of United States and Canadian Academy of Pathology, Washington, DC, 2003, *Poster*

Vincek V, Nassiri M, Nadji M, Morales AR. Extraction of intact HMW RNA and protein from paraffin blocks using a novel fixative and the rapid tissue processing system. Annual Meeting of United States and Canadian Academy of Pathology, Washington, DC, 2003, *Platform Presentation*.

Berman B, Jacob SE, **Vincek V**, Nassiri M. Topical application of Imiquimod 5% cream to keloids alters expression of genes associated with apoptosis. 61st Annual Meeting of American Academy of Dermatology, San Francisco, 2003, *Poster*.

Nassiri M, Handel- Fernandez M-E, **Vincek V**, Fresno M, Nadji M. Two new putative suppressor genes in pancreatic carcinoma. Annual Meeting of United States and Canadian Academy of Pathology, Boston, 1998, *Platform Presentation*

Conference on Skin Cancer and UV-Radiation, Böchum, Germany, 1996, *Invited speaker*

Second International Meeting "Mechanisms in Local Immunity" in Croatia, 1994, *Speaker*

The seventh International mouse Genome Conference, Hamanako, Japan, 1993, *Poster*

Workshop Photo-Immunology, Sardinia, Italy, 1993, *Invited speaker*

Conference on Major Histocompatibility Evolution, Key Biscayne, 1992, *Invited speaker*

2nd International Conference on Bioinformatics, Supercomputing and Complex Genome Analysis, St. Petersburg, USA, 1992, *Invited speaker*

3rd. International Workshop on Mouse Genome Mapping, Oxford, UK, 1989, *Presentation*

10th International Human Gene Mapping Workshop, New Haven, 1989, *Poster*

UCLA Symposium on Molecular Evolution, Lake Tahoe, 1989, *Poster*

HLA-H2 Cloning Workshop, Les Avants, Switzerland, 1986. *Poster*

1st Congress of Yugoslavian Immunologists, Opatija, Yugoslavia, 1985, *Poster*

TEACHING:

Teaching Awards Received:

- Award for participation in the 1993 Research and Academics for Minorities Program
University of Miami
- The Lewis Capland Teaching Award, 2004, Department of Dermatology & Cutaneous Surgery
University of Miami
- The Hydra Award, 2007-2008, Department of Pathology, Immunology & Laboratory Medicine
University of Florida

Teaching Specialization (courses taught):

- Immunology for Medical Students.
- BMB614, Molecular Genetics course
- IBS (interdisciplinary biomedical science) 602 course
- MIC631, readings and methods in molecular biology
- Small group bacterial genetics conferences for medical students
- Small group medical immunobiology for medical students
- Advanced topic minicourse for graduate students
- Dermatopathology for medical students
- Dermatopathology for dental students

PhD Dissertation Thesis advising and mentoring

(chairman or committee member; topic; student name):

- Committee member, Regulation of TNF α production during mammary tumor progression, Mary E. Handel
- Committee member, Role and regulation of major histocompatibility complex class I gene in the metamorphosis of *Xenopus*, Benny P. Shun
- Committee member, Polygenic analysis of immunoglobulin superfamily, Andrew Greenberg
- Committee member, Immunogenetics and expression of MHC linked genes in *Xenopus laevis*, Luisa M. Salter-Cid
- Committee member, Transcription regulation of the $\lambda 5$ gene in murine pre-B cells, Yun Yang
- Committee member, Immune modulation by MUC1 secreting tumor cells, Dan Ilkovitch
- Chairman and **Mentor**, Characterization and trans-species evolution of MHC genes in the zebrafish (*Danio Rerio*), Robert T. Graser
- Chairman and **Mentor**, Quantum evolution of the cichlids from lakes Tanganyka and Victoria: A phylogenetic study using the Mhc polymorphism as a genetic marker, George, E.M. Trillo
- Chairman and **Mentor**, Cytokine production in UVB irradiated mouse skin, Irina A. Scordi

SERVICE:

University Committee and Administrative Responsibilities:

Graduate Program Admission Committee	1995-1998
MD-Ph.D. Admission Committee	1999-2001
Clinical Research Service Advisory Committee,	2003-2007
Tissue Banking Core Facility Advisory Committee,	2004-2007
Dermatology Chairman Search Committee	2008