

CURRICULUM VITAE

Vijayasradhi (Vijay) Setaluri, PhD

PERSONAL DATA

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Department of Dermatology
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EDUCATION:

Undergraduate:

1976 B. Sc. (Biology & Chemistry), Sri Venkateswara University, Tirupati, India

Graduate:

1979 M. Sc. (Plant Physiology & Biochemistry), G. B. Pant University of
Agriculture & Technology, Pantnagar, India

1985 Ph.D. (Biochemistry), Center for Cellular and Molecular Biology &
Osmania University, Hyderabad, India

Postgraduate/Fellowship

1985- 1986 Postdoctoral Fellow, Department of Biology, Georgetown University,
Washington, D.C., Mentor: Ellen J. Henderson, PhD

1986- 1990 Postdoctoral Fellow, Immunology Program, Sloan-Kettering Institute for
Cancer Research, New York. Mentor: Alan N. Houghton, MD

1990-1993 Research Associate, Immunology Program, Sloan-Kettering Institute for
Cancer Research, New York. Mentor: Alan N. Houghton, MD

PRESENT APPOINTMENT

Professor, Department of Dermatology
Cripps Research Faculty Scholar, Department of Dermatology

PROFESSIONAL APPOINTMENTS

1993 Assistant Laboratory Member, Immunology Program, Sloan-Kettering
Institute for Cancer Research, Memorial Sloan-Kettering Cancer Center,
New York, NY

1993-1996 Assistant Professor, Rockefeller University, New York, NY

1996-2004 Associate Professor of Dermatology & Cancer Biology, Wake Forest
University School of Medicine, Winston-Salem, NC

1996-2004 Director, Basic Research in Dermatology, Wake Forest University School of
Medicine, Winston-Salem, NC

Member, Comprehensive Cancer Center of Wake Forest University,

- Winston-Salem, NC
- 2005-2010 Associate Professor (tenured), Department of Dermatology, University of Wisconsin, Madison, WI
- 2010- Professor, Department of Dermatology, University of Wisconsin, Madison, WI
- 2005- Member, UW Paul Carbone Comprehensive Cancer Center, University of Wisconsin, Madison, WI
- 2006- Faculty, Molecular & Environmental Toxicology Center, University of Wisconsin, Madison, WI
- 2007- Member, UW Stem Cell & Regenerative Medicine Center, University of Wisconsin, Madison, WI
- 2006- Faculty, Molecular & Environmental Toxicology Center Graduate Program
- 2010- Faculty, Cellular and Molecular Biology Graduate Program
- 2010- Faculty, Comparative Biomedical Sciences Program

PROFESSIONAL SOCIETY MEMBERSHIPS

- 1992- PanAmerican Society for Pigment Cell Research
- 1992- Society for Investigative Dermatology
- 1990-2008 American Association for Cancer Research
- 2003- Society for Melanoma Research

HONORS & AWARDS:

- 1980-1985 Research Fellowship, Council of Scientific and Industrial Research, India.
- 1993 Young Investigator Award at the XVth International Pigment Cell Conference. London
- 2006 The Pigment Cell Research Award presented at the Third International Congress for Melanoma Research, Netherlands, Oct. 2006

ACADEMIC LEADERSHIP AND PROGRAM DEVELOPMENT

- 1998 Graduate course development, Cancer Biology Program, CBI 706 Tumor Immunology, Graduate School, WFUSM
- 1998 Program development, Basic Science Journal Club, Residency in Dermatology, WFUSM
- 2008 Development of Basic Science Journal Club, Residency in Dermatology, UW-SMPH

SERVICE ACTIVITIES

International and National:

- 1992- Journal manuscript reviewer- Cancer Research, Cellular and Molecular Biology, International Journal of Cancer, Journal of Clinical Investigation, Journal of Experimental Medicine, Journal of Investigative Dermatology, Laboratory Investigation, Oncogene, Physiological Chemistry & Physics, Pigment Cell Research, Proceedings of the National Academy of Sciences USA, Protein Engineering, Nature Signaling etc.
- 1996- Member, Editorial Board, Frontiers of Biosciences
- 1994 External grant reviewer- NIH, GMA-1

1995 Site Visit Committee- NIH, GMA-1
 1996 External grant reviewer, American Institute of Biological Sciences
 1996 External grant reviewer-NIH, GMA-1
 1996 Site Visit Committee- Mammalian Genetics Study Section, NIH
 2000-2003 Council Member, Pan-American Society for Pigment Cell Research
 2000-2003 Member, Publications Committee, Pan-American Society for Pigment Cell Research
 2001 Ad hoc Member, NIH Study Section, GMA-1 (2001/05 Council)
 Ad hoc Member, NIH Study Section, GMA-1 (2001/09 Council)
 2001 Ad hoc grant reviewer, Ohio Cancer Research Associates April, 2001
 2001 Co-chair, Symposium on Pigmentation, Society for Investigative Dermatology, Washington, DC, May, 9-12, 2001
 2001 Co-chair, Symposium on Intracellular Trafficking and Organelle Biogenesis, 10th Annual Pan-American Society for Pigment Cell Research, Minneapolis, June 14-17, 2001
 2001 External Grant Reviewer, Pilot Grants, Yale University School of Medicine, Skin Diseases Research Center
 2002 External reviewer, Intramural Grants, Brooklyn College, City University of New York, NY
 2003 Abstracts Review Committee, International Investigative Dermatology, 4th Joint meeting of the European Society for Dermatological Research (ESDR), Japanese Society for Investigative Dermatology (JSID) and Society for Investigative Dermatology, April 30-May 4, 2003
 2003 Ad hoc Member, NIH Study Section, GMA-1 (2003/09 Council)
 2003 Member, Special Emphasis Panel, GMA1 Small Business: Rheumatology
 2003 Member, Special Emphasis Panel, GMA1 Small Business: Dermatology
 2004 Ad hoc Member, ACTS Study Section (02/04)
 2004 Member, MOSC Special Emphasis panel (02/04)
 2005-2009 Member, ACTS Study Section
 2005 Abstract Review and Co-Chair, Session "Melanosome Structure and Function" 19th International Pigment Cell Conference, Reston, VA, September, 18-22, 2005
 2007 Member, Site Visit Committee, Laboratory of Cell Biology, NCI
 2007 Co-chair, Concurrent Minisymposium 8, Pigmentation and Melanoma, the Society for Investigative Dermatology, May 9-12, 2007
 2007 Co-organizer, 14th Annual meeting of the Pan-American Pigment Cell Society, Chicago, IL. September 13-16, 2007
 2007 Co-Chair, Session: Genetics and Gene Expression, Annual meeting of the Pan-American Pigment Cell Society, Chicago, IL, September 13-16, 2007
 2008- Grant Reviewer, Melanoma Research Foundation
 2008 Abstract Review Committee, International Investigative Dermatology meeting, Kyoto, Japan, May 14-17, 2008
 2009 Ad hoc reviewer, Ohio Cancer Research Associates
 2009 Abstract Review Committee, Society for Investigative Dermatology, 69th Annual Meeting, Montreal, Canada, May 6-9, 2009
 2009 Moderator, Poster Discussions, 15th Annual Meeting of the Pan-American

2009-2012 Society for Pigment Cell Research, Memphis, TN, Sep. 4-7, 2009
Member, CSR College of CSR Reviewers, NIH
2011- Member, Tumor Cell Biology Study Section, CSR/NIH

PUBLICATIONS

Refereed Articles:

1. Syed, D. N., Afaq, F., Maddodi, N., Johnson, J. J., Sarfaraz, S., Ahmad, A., Setaluri, V., Mukhtar, H. (2011) Inhibition of human melanoma cell growth by the dietary flavonoid fisetin is associated with disruption of Wnt/ β -catenin signaling and decreased Mitf levels. *J Invest Dermatol*. Feb 24. [Epub ahead of print]
2. Poenitzsch, A. M., Setaluri, V., Spiegelman, V. S. (2011) (Mela)statin' the not so obvious: tumor suppressor hidden in intron. *Pigment Cell Melanoma Res*. 24: 263-265.
3. Kedlaya, R., Kandala, G., Liu, T. F., Maddodi, N., Devi, S., and Setaluri, V. (2011) Interactions between GIPC-APPL and GIPC-TRP1 regulate melanosomal protein trafficking and melanogenesis in human melanocytes *Archives of Biochemistry and Biophysics* 508:227-233.
4. Syed, D. N., Afaq, F., Maddodi, N., Johnson, J. J., Sarfaraz, S., Ahmad, A., Setaluri, V., and Mukhtar, H (2011) Inhibition of human melanoma cell growth by the dietary flavonoid fisetin is associated with disruption of Wnt/ β -catenin signaling and decreased Mitf levels. *Journal of Investigative Dermatology*, *In press*
5. Goswami, S., Tarapore, R. S., Teslaa, J. J., Grinblat, Y., Setaluri, V., and Spiegelman, V. S. (2010) MicroRNA-340-mediated degradation of microphthalmia-associated transcription factor mRNA is inhibited by the coding region determinant-binding protein. *Journal of Biological Chemistry*, 285: 20532-20540.
6. Maddodi, N. and Setaluri, V. (2010) Prognostic significance of melanoma differentiation and transdifferentiation. *Cancers* 2: 989-999
7. Xu, X., Kedlaya, R., Ikeda, S., Justice, M. J., Setaluri, V., and Ikeda, A. (2010) Mutation in archain 1, a subunit of COPI coatomer complex, causes diluted coat color and Purkinje cell degeneration. *PLoS Genetics* 6: e1000956
8. Maddodi, N., Huang, W., Havighurst, T., Kim, K., Longley, J., and Setaluri, V. (2010) Hyperactivation of Oncogenic BRAF Triggers Autophagy and Inhibits Melanoma Tumor Growth *in vitro* and *in vivo*. *Journal of Investigative Dermatology*. 130:1657-1667.
9. Maddodi, N., Bhat, K. M. R., Devi, S., Zhang, S-C., and Setaluri, V. (2010) Oncogenic BRAF^{V600E} Induces Expression of Neuronal Differentiation Marker MAP2 in Melanoma Cells by Promoter Demethylation and Downregulation of Transcriptional Repressor HES1. *Journal of Biological Chemistry* 285:242-54
10. Devi, S., Kedlaya, R., Maddodi, N., Bhat, K. M. R., Weber, C. S., Valdivia, H., and Setaluri, V. (2009) Calcium homeostasis in human melanocytes: Role of transient receptor potential melastatin 1 (TRPM1) and its regulation by Ultraviolet Light. *American Journal of Physiology-Cell Physiology* 297: C679-687.
11. Schmit, T. L., Zhong, W., Setaluri, V., Spiegelman, V. S, and Ahmad, N. (2009) Targeted depletion of Polo-like kinase (Plk) 1 through lentiviral shRNA or a small-molecule inhibitor causes mitotic catastrophe and induction of apoptosis in human melanoma cells. *Journal of Investigative Dermatology* 129:2843-2853.
12. Saleem, M., Maddodi, N., Zaid, M. A., Khan, N., Hafeez, B., Asim, M., Suh, Y., Yun, J-M.,

- Setaluri, V., and Mukhtar, H. (2008) Lupeol inhibits growth of highly aggressive human metastatic melanoma cells *in vitro* and *in vivo* by inducing apoptosis. *Clinical Cancer Research* 14: 2119-2127.
13. Bin Hafeez, B., Adhami, V. M., Asim, M., Siddiqui, I. A., Bhat, K. M., Zhong, W., Saleem, M., Din, M., Setaluri, V., Mukhtar, H. (2009) Targeted knockdown of Notch1 inhibits invasion of human prostate cancer cells concomitant with inhibition of matrix metalloproteinase-9 and urokinase plasminogen activator. *Clinical Cancer Research* 15: 452-459.
 14. Maddodi, N., Setaluri, V. (2008) Role of UV in Cutaneous Melanoma. *Photochemistry and Photobiology* 84:528-536
 15. Yang, B., O'Herrin, S. M., Wu, J., Reagan-Shaw, S., Ma, Y., Bhat, K. M., Gravekamp, C., Setaluri, V., Peters, N., Hoffmann, F. M., Peng, H., Ivanov, A. V., Simpson, A. J., Longley, B. J. (2007) MAGE-A, mMAGE-b, and MAGE-C proteins form complexes with KAP1 and suppress p53-dependent apoptosis in MAGE-positive cell lines. *Cancer Research*, 67:9954-9962
 16. Bhat, K. M. R. and Setaluri, V. (2007) Microtubule associated proteins in cancer chemotherapy. *Clinical Cancer Research* 13: 2849-2854
 17. Yang, B., Wu, J., Maddodi, N., Ma, Y., Setaluri, V., and Longley, B. J. (2007) Epigenetic control of MAGE gene expression by the KIT tyrosine kinase. *Journal of Investigative Dermatology* 127: 2123-2128.
 18. Kweon, M. H., Afaq, F., Bhat KM, Setaluri V., Mukhtar H. (2007) A novel antioxidant 3-O-Caffeoyl-1-methylquinic acid enhances ultraviolet A-mediated apoptosis in immortalized HaCaT keratinocytes via Sp1-dependent transcriptional activation of p21(WAF1/Cip1). *Oncogene* 26:3559-3571.
 19. Bhat, K. M. R., Maddodi, N., Shashikant, C., Setaluri, V. (2006) Transcriptional regulation of human MAP2 gene in melanoma: role of neuronal bHLH factors and Notch1 signaling. *Nucleic Acids Research* 34:3819-3832.
 20. Kedlaya, R. H., Bhat, K. M. R., Mitchell, J., Setaluri, V. (2006) TRP1 interacting PDZ-domain protein GIPC forms oligomers and is localized to intracellular vesicles in human melanocytes. *Archives of Biochemistry and Biophysics* 454:160-169.
 21. Saleem, M., Kweon, M. H., Johnson, J. J., Adhami, V. M., Elcheva, I., Khan, N., Bin Hafeez, B., Bhat, K. M. R., Sarfaraz, S., Reagan-Shaw, S., Spiegelman, V. S., Setaluri, V., Mukhtar, H.. (2006) S100A4 accelerates tumorigenesis and invasion of human prostate cancer through the transcriptional regulation of matrix metalloproteinase 9. *Proceedings of the National Academy of Sciences USA* 103:14825-14830.
 22. Soltani, M. H., Pichardo, R., Song, Z., Sangha, N., Satyamoorthy, K., Sanguenza, O., and Setaluri, V. (2005) Microtubule-associated protein 2, a marker of neuronal differentiation, induces mitotic defects, inhibits growth of melanoma cells and predicts metastatic potential of cutaneous melanoma. *American Journal of Pathology*, 166: 1841-1850.
 23. Garton, R., McMichael, A. J., Sugarman, J., Greer, K., and Setaluri, V. (2005) Association of ornithine decarboxylase gene polymorphism with male androgenetic alopecia. *Journal of the American Academy of Dermatology*, 52: 535-536.
 24. Song, Z., Soltani, M. H., Bhat, K.M.R., Sangha, N., Fang, D., Hunter, J., and Setaluri, V. (2004) Human melastatin 1 (*trpm1*) is regulated by *mitf* and produces multiple polypeptide isoforms in melanocytes and melanoma cells. *Melanoma Research*, 14:509-516.
 25. Setaluri, V. (2003) The melanosome: A dark pigment granule sheds bright light on organelle

- biogenesis. *Journal of Investigative Dermatology* 121:650-660.
26. Fang, D., Tsuji, Y., and Setaluri, V. (2002) Selective down-regulation of tyrosinase family gene TYRP1 by inhibition of the activity of melanocyte transcription factor, MITF. *Nucleic Acids Research* 14: 3096-3106.
 27. Hallman, J. R., Fang, D., Setaluri, V., and White W. L. (2002) Microtubule associated protein expression defines the companion layer of the anagen hair follicle and analogous zone in the nail unit. *Journal of Cutaneous Pathology* 29: 549-556.
 28. Liu, T. F., Kandala, G., and Setaluri, V. (2001) PDZ-domain protein GIPC interacts with the cytoplasmic tail of melanosomal membrane protein gp75/TRP-1 (tyrosinase related protein-1) *Journal of Biological Chemistry* 276: 35768-35777.
 29. Xu, Y., Bartildo, S., Setaluri, V., Qin, J., Yang, G., and Houghton, A. N. (2001) Roles of conserved asparagine-linked glycan sites on tyrosinase family glycoproteins. *Experimental Cell Research* 267: 115-125.
 30. Fang, D., Hallman, J., Hammarback, J., Kute, T. E., White, W. and Setaluri, V. (2001) Expression of microtubule associated protein 2 in benign and malignant melanocytes: implication for differentiation and progression of cutaneous melanoma. *American Journal of Pathology* 158:2107-2117.
 31. Fang, D., Kute, T., and Setaluri, V. (2001) Regulation of tyrosinase related protein-2 (TRP-2) in human melanocytes: Relationship to growth and morphology. *Pigment Cell Research* 14:132-139.
 32. Setaluri, V., Clark, A. R., and Feldman, S. R. (2000) Transmittance properties of flurandrenolide tape for psoriasis: Helpful adjunct to phototherapy. *Journal of Cutaneous Medicine and Surgery* 4:196-198.
 33. Fang, D. and Setaluri, V. (2000) Expression of Melastatin, an indicator of melanoma aggressiveness, is regulated by alternative splicing of mRNA. *Biochemical and Biophysical Research Communications* 279: 53-61.
 34. Kap-Herr, C.V, Kandala, G., Mann, S., Hart, T.C., Pettenati, M.J., Setaluri, V. (2000) Assignment of PDZ-domain containing protein GIPC gene (C19orf3) to human chromosome band 19p13.1by in situ hybridization and radiation hybrid mapping. *Cytogenetics and Cell Genetics* 89: 234-235.
 35. Feldman, S. R., Sangha, N., and Setaluri V. (2000) Topical corticosteroid in foam vehicle offers comparable coverage compared with traditional vehicles. *Journal of American Academy of Dermatology* 42:1017-1020.
 36. V. Setaluri (2000) Sorting and Targeting of Melanosomal Membrane Proteins: Signals, Pathways and Mechanisms. *Pigment Cell Research* 13:128-134.
 37. Fang, D., and Setaluri, V. (1999) Role of microphthalmia transcription factor (MITF) in regulation of melanocyte differentiation marker TRP-1. *Biochemical and Biophysical Research Communications* 256: 657-663.
 38. Xu, Y., Setaluri, V., and Houghton, A. N. (1998). The cytoplasmic tail of the mouse brown locus product determines intracellular stability and export from the endoplasmic reticulum. *Journal of Investigative Dermatology*.110: 324-331.
 39. Xu, Y., Setaluri, V., Y. Takechi, and Houghton, A. N. (1997). Sorting and secretion of a melanosome membrane protein gp75/TRP-1. *Journal of Investigative Dermatology* 109: 788-795.
 40. Halaban, R., Cheng, E., Zhang, Y., Moellmann, G., Hanlon, D., Michalak, M., Setaluri, V., Herbert, D. (1997) Aberrant retention of tyrosinase in the endoplasmic reticulum mediates

accelerated degradation of the enzyme and contributes to the dedifferentiated phenotype of amelanotic melanoma cells. *Proceeding of the National Academy of Sciences USA* 94:6210-6215.

41. Naftzger, C., Takechi, Y., Kohda, H., Hara, I., Setaluri, V., and Houghton, A. N. (1996) Immune response to a differentiation antigen: A study of tumor rejection and autoimmunity. *Proceeding of the National Academy of Sciences USA*. 93:14809-14814.
42. Setaluri, V., Xu, Y., Bouchard, B., and Houghton, A. N. (1995) Intracellular sorting and targeting of melanosomal membrane proteins: Identification of signals for sorting and of the human brown locus protein, gp75. *Journal of Cell Biology* 130: 807-820.
43. Setaluri, V., Doskoch, P. M., Wolchok, J., and Houghton, A. N. (1995) Melanocyte differentiation marker gp75, the brown locus protein can be regulated independently of tyrosinase and pigmentation. *Journal of Investigative Dermatology*. 105: 113-119.
44. Takahashi, T., Chapman, P. B., Yang, S. Y., Hara, I., Setaluri, V., and Houghton, A. N. (1995) Reactivity of autologous CD4⁺T lymphocytes against human melanoma: Evidence for a shared melanoma antigen presented by HLA-DR15. *Journal of Immunology* 154:772-779.
45. Setaluri, V., and Houghton, A. N. (1995) Melanoma and melanocytes: Pigmentation, tumor progression and the immune response to cancer. *Advances in Pharmacology*. 32: 343-374.
46. Houghton, A. N., Setaluri, V., Bouchard, B., Naftzger, C., Hara, I., and Chapman, P. B. (1993) Recognition of autoantigens by patients with melanoma. *Annals of New York Academy of Sciences* 690: 59-68
47. Morrison, M. E., Setaluri, V., Engelstein, D., Albino, A. P., and Houghton, A. N. (1993). A marker for neoplastic progression of human melanocytes is a cell surface ectopeptidase. *Journal of Experimental Medicine* 177: 1135-1143.
48. Fountain, J. W., Karayiorgou, M., Ernstoff, E. S., Kirkwood, J. M., Vlock, D. R., Titus-Ernstoff, L., Bouchard, B., Setaluri, V., Houghton, A. N., Lahti, J., Kidd, V. J., Housman, D. E., and Dracopoli, N. C. (1992). Homozygous deletions of human chromosome band 9p21 in melanoma. *Proceedings of the National Academy of Sciences USA*. 89: 10557-10561.
49. Murthy, V. V. V. S., Bouchard, B., Mathew, S., Setaluri, V., and Houghton, A. N. (1992). Assignment of the human *TYRP (brown)* locus chromosome region 9p23 by nonradio-active *in situ* hybridization. *Genomics* 13: 227-229.
50. Setaluri, V., Doskoch, P. M., and Houghton, A. N. (1991) Biosynthesis and intracellular movement of the melanosomal membrane glycoprotein gp75, the human *b (brown)* locus product. *Experimental Cell Research* 196: 233-240.
51. Setaluri, V., and Houghton, A. N. (1991) Purification of an autoantigenic 75-kDa human melanosomal glycoprotein, gp75. *International Journal of Cancer* 47: 298-303.
52. Lynch, S. A., Bouchard, B., V. Setaluri, Yuasa, H., and Houghton, A. N. (1991). Antigens of melanocyte and melanoma. *Cancer and Metastasis Reviews*. 10: 141-150.
53. Setaluri, V., Bouchard, B., and Houghton A. N. (1990) The melanoma antigen gp75 is the human homologue of the mouse *b (brown)* locus gene product. *Journal of Experimental Medicine* 171: 1375-1380.
54. Bouchard, B., Fuller, B. B., Setaluri, V., and Houghton, A. N. (1989) Induction of pigmentation in mouse fibroblasts by expression of human tyrosinase cDNA. *Journal of Experimental Medicine* 169: 2029-2042.
55. Gupta, P. D., Setaluri, V., and Reddy, A. G. (1989) Keratinization of rat vaginal epithelium. III. Effect of estradiol on keratinization. *Biology of the Cell* 65: 281-289.
56. Setaluri, V., and Gupta, P. D. (1988) Keratinization of rat vaginal epithelium. IV. Modulation

- of transglutaminase activity by oestradiol. *Journal of Biosciences* 13: 401-408.
57. Setaluri, V., and Gupta, P. D. (1988) Keratinization of rat vaginal epithelium. II. Immunofluorescence study on keratin filaments in cycling and estrogen primed rats. *Journal of Biosciences* 13: 109-116.
 58. Setaluri, V., Khar, A., and Gupta, P. D. (1987) Effect of steroid hormones on vaginal epithelial cells. An *in vitro* model for steroid hormone action. *Journal of Biosciences* 12: 257-265.
 59. Setaluri, V., and Gupta, P. D. (1987) Keratinization of rat vaginal epithelium. I. Cell surface study during natural and induced keratinization. *Journal of Submicroscopic Cytology* 19: 595-603.
 60. Gupta, P. R. L., Rathore, V.S., Setaluri, V., and Garg, G. K. (1982) Tryptophan synthetase in maize (*Zea mays*). I In vivo and in vitro demonstration of enzyme activity. *Biochemical & Biophysical Research Communications*. 109: 121-1982.

Non-Refereed Articles:

1. Setaluri, V. (2009) How tyrosinase got its copper: Not a just so story. *Pigment Cell & Melanoma Research* 21: 594-595.
2. Bhat, KMR and Setaluri, V. (2007) Microtubule Proteins in Cancer. In Encyclopedia of Cancer. (Schwab, M. et al. eds.) Springer-Verlag, Berlin, GmbH, 2nd ed.

Chapters in Books:

1. W. Oetting and V. Setaluri (2006) Tyrosinase gene family. In The Pigmentary System: Physiology and Pathophysiology. (Nordlund, J. J., Boissy, R., Hearing, V. J., King, R. A., and Ortonne, J-P. eds.), Oxford University Press, New York 2nd ed.
2. Setaluri, V. (1998) Advances in *in vitro* gene expression. In The Pigmentary System: Physiology and Pathophysiology. (Nordlund, J. J., Boissy, R., Hearing, V. J., King, R. A., and Ortonne, J-P. eds.), Oxford University Press, New York. Pp. 283-291.
3. Nesbit, M., Herlyn, M., and V. Setaluri. (1997) Biology of Melanocytes and Melanoma. In Cutaneous Melanoma (Eds. C. Balch, A. N. Houghton, G. Milton, A. J. Sober and S-J. Soong) J. B. Lippincott Co., Philadelphia, PA

(In articles published prior to 1996 the author's name appeared as Vijayasradhi S.)

Technical Reports/Other Publications:

1. Devi, S., and Setaluri, V. (2009) TRPM1 (transient receptor potential cation channel, subfamily M, member 1). *Atlas Genet Cytogenet Oncol Hematol*
URL:<http://AtlasGeneticsOncology.org/Genes/TRPM1ID42707ch15q13.html>
2. Setaluri, V. (2007) Meeting Report, *PASPCR Newsletter*, 15 (3-4):12-13.
3. Setaluri, V., and Bhat, K. M. (2006) *Homo sapiens* microtubule associated protein 2 (MAP2) gene, promoter region, exon 1 and intron 1. GenBank Accession DQ386449.
4. Setaluri, V. (2001) Meeting Report, *PASPCR Newsletter*, 9 (3):9-10.
5. Setaluri, V. (1990) *Homo sapiens* mRNA for melanoma antigen g975. *GenBank Accession* X51455.

Patents:

1. *gp75 as a tumor vaccine for melanoma*. US Patent No. 6,168,946
Inventors: Alan N. Houghton and Vijayasradhi Setaluri, Issue Date: Jan. 2, 2001

2. *Method and compositions for stimulation of an immune response to a differentiation antigen stimulated by an altered differentiation antigen.* US Patent No. 6,328,929
Inventors: Alan N. Houghton, Clarissa Naftzger and Vijayasradhi Setaluri, Issue Date: Nov. 11, 2001
3. *MAP-2 as a determinant of metastatic potential.* US Patent No. 6,613,534 B2
Inventors: Vijayasradhi Setaluri, Dong Fang and Wain White, Issue Date: Sep. 2, 2003
4. *Cell lines and vectors for stimulation of an immune response to a differentiation antigen stimulated by an altered antigen.* US Patent Application # 20020164318 filed Nov. 7, 2002;
Inventors: Alan N. Houghton, Clarissa Naftzger, Vijayasradhi Setaluri
5. *Human MAP2 gene promoter.* US Patent Application #: 20080299563, filed March 27, 2008;
Inventors: Vijayasradhi Setaluri and Kumar MR Bhat

INVITED LECTURES (since 2005)

1. Symposium Speaker, 1st Meeting of the Asian Society for Pigment Cell Research, New Delhi, India, Title: *Cell Biology and Genetics of Human Pigmentation*, Feb.1, 2005.
2. Irvin H. Blank Lecture at the 66th meeting of the Society for Investigative Dermatology, St. Louis, MO, USA, Title: *Melanosome Biogenesis*, May 4, 2005.
3. Speaker, Cancer Center Grand Rounds, Loyola University Medical Center, Maywood, IL, USA. Title: *Mapping Melanoma*, November 15, 2005
4. Symposium Speaker, 13th Annual meeting of the PanAmerican Society for Pigment Cell Research, Cincinnati, OH, USA. Title: *On the road to the melanosome: TYRed and TRPed by the traffic.* Sep. 7-10, 2006.
5. Speaker, UW Comprehensive Cancer Center Grand Rounds, UW- Madison, WI, USA, Title: *Prognosis of Melanoma: Can you find it on a MAP?* March 29, 2006.
6. Speaker, Molecular and Environmental Toxicology Program, University of Wisconsin, Madison, WI, USA, Title: *Targeting microtubules in cancer: Opportunities and challenges*, October 12, 2006.
7. Speaker, Genetics Colloquium, University of Wisconsin, Title: *Genetics of Melanoma*, March 14, 2007.
8. Symposium Speaker, 20th International Pigment Cell Conference, Sapporo, Japan, Title: *Protein-Protein Interactions in Melanosome Biogenesis*, May 7-12, 2008.
9. Invited Speaker, Osaka Biosciences Institute, Osaka, Japan. Title: *Pigment Cell Specific TRP and Its Role in Intracellular Calcium Regulation*, May 13, 2008.
10. Invited Speaker, Neuroscience Program, University of Vermont, Burlington, VT Title: *MAPping Melanoma: The Neuronal Connection*, Sep. 25, 2009.
11. Invited Speaker: Cancer Center, Toledo University, Toledo, OH, USA. Molecular plasticity of melanoma: Cause and consequences. April, 2010
12. Invited Speaker: Cancer Center, Tufts University, Boston, MA, USA. Neuronal differentiation of melanoma. May, 2010
13. Invited Speaker: Molecular & Environmental Toxicology Center, UW-Madison, BRAF oncogene and melanoma: Is too much BRAF good? October, 14. 2010