

# BABAR K. RAO, MD

## EDUCATION

Diploma in Dermatology: **Institute of Dermatology** (St. John's Hospital for Diseases of the Skin),  
University of London, *London, England*, 1986.

M.B.B.S. (MD): **Rawalpindi Medical College**, *Pakistan*, 1983.

## POST-DOCTORAL TRAINING

- JUL 99 - JUN 00 **FELLOW IN DERMATOPATHOLOGY**  
Department of Dermatology, UMDNJ, *Newark, NJ*
- JUL 98 - JUN 99 **CHIEF RESIDENT IN DERMATOLOGY**  
Cornell University Medical Center, *New York, NY*
- JUL 96 - JUN 98 **RESIDENT IN DERMATOLOGY**  
Cornell University Medical Center, *New York, NY*
- JUL 95 - JUN 96 **INTERN (PGY-1)**  
Department of Medicine, New York University Medical Center, *New York, NY*
- SEP 94 - JUN 95 **MELANOMA FELLOW**  
Oncology Section, Skin and Cancer Pavilion, Department of Dermatology, New  
York University Medical Center, *New York, NY*
- OCT 92 - AUG 94 **VISITING DERMATOPATHOLOGIST**  
Department of Dermatology, Cleveland Clinic, *Fort Lauderdale, FL*
- OCT 91 - AUG 94 **INSTRUCTOR IN DERMATOPATHOLOGY**  
American Laboratory Associates, *Fort Lauderdale, FL*
- JAN 90 - SEP 91 **INSTRUCTOR IN DERMATOPATHOLOGY**  
Department of Dermatology, Boston University School of Medicine, *Boston, Ma*
- JAN 89 - DEC 89 **FELLOW IN DERMATOPATHOLOGY**  
Department of Dermatology, Boston University School of Medicine, *Boston, Ma*
- OCT 87 - DEC 88 **FELLOW IN DERMATOPATHOLOGY**  
Department of Dermatology, University of Texas, *Dallas, Tx*
- SEP 85 - SEP 87 **RESIDENT IN DERMATOLOGY**  
St. John's Hospital for Diseases of the Skin, *London, England*
- SEP 83 - AUG 85 **RESIDENT IN DERMATOLOGY/MEDICINE**  
Rawalpindi General Hospital, *Rawalpindi, Pakistan*

## APPOINTMENTS

- JAN 11 - PRESENT **CLINICAL ASSOCIATE PROFESSOR**  
Department of Dermatology, Weill-Cornell Medical School, *New York, NY*
- SEP 08 - PRESENT **CLINICAL ASSOCIATE PROFESSOR**  
Department of Pathology, University of Medicine and Dentistry of New Jersey -  
Robert Wood Johnson Medical School, *New Brunswick, NJ*

JUN 06 - PRESENT    **ACTING CHAIRMAN**  
 Department of Dermatology, University of Medicine and Dentistry of New Jersey  
 - Robert Wood Johnson Medical School, *Somerset, NJ*

JUL 07 - PRESENT    **CLINICAL ASSOCIATE PROFESSOR**  
 Department of Dermatology, University of Medicine and Dentistry of New Jersey  
 - Robert Wood Johnson Medical School, *Somerset, NJ*

JUN 06 - PRESENT    **CLINICAL ASSISTANT PROFESSOR**  
 Department of Dermatology, University of Medicine and Dentistry of New Jersey  
 - Robert Wood Johnson Medical School, *Somerset, NJ*

FEB 05 - JUN 06    **CHIEF**  
 Division of Dermatology, Department of Medicine, University of Medicine and  
 Dentistry of New Jersey - Robert Wood Johnson Medical School, *New  
 Brunswick, NJ*

OCT 01 - SEP 06    **PROGRAM DIRECTOR, DERMATOLOGY RESIDENCY PROGRAM**  
 Division of Dermatology, Department of Medicine, University of Medicine and  
 Dentistry of New Jersey - Robert Wood Johnson Medical School, *New  
 Brunswick, NJ*

JUL 00 - MAY 06    **CLINICAL ASSISTANT PROFESSOR**  
 Division of Dermatology, Department of Medicine, University of Medicine and  
 Dentistry of New Jersey - Robert Wood Johnson Medical School, *New  
 Brunswick, NJ*

**LICENSURE**

1999	<b>NEW JERSEY</b>
1998	<b>NEW YORK</b>
2002	<b>CALIFORNIA</b>
2009	<b>FLORIDA</b>

**CERTIFICATION**

OCT 2000	AMERICAN BOARD OF DERMATOLOGY - Re-certification 2010
NOV 2001	AMERICAN BOARD OF DERMATOPATHOLOGY

**PROFESSIONAL MEMBERSHIPS**

International Society of Dermoscopy  
 American Academy of Dermatology  
 American Society of Dermatopathology  
 American Society of Cosmetic Dermatology & Aesthetic Surgery  
 American Society for Mohs Surgery  
 Association of Professors of Dermatology  
 American Society for Laser Medicine and Surgery  
 Dermatology Foundation  
 Leaders Society State Chairman for Northern New Jersey  
 The Dermatologic Society of Greater New York  
 Ecuadorian Dermatological Society (Honorary Lifetime Member)  
 International Society of Dermatology  
 International Society of Dermatopathology  
 New York State Society of Dermatology  
 Pakistan Association of Dermatology

## COMMITTEE ASSIGNMENTS/ADMINISTRATIVE SERVICES

### UMDNJ - ROBERT WOOD JOHNSON MEDICAL SCHOOL

- Board of Governors
- Executive Council

### UMDNJ - ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL

- Medical Board/Credentials Committee

### AMERICAN ACADEMY OF DERMATOLOGY

- Medical Informatics Committee
- Skin of Color Society
- Minority Fellowship Committee
- CCHIT Work Group

## PUBLICATIONS

1. **Rao BK**, Blakely FA, Freeman RG: *Middermal elastolysis*; **J. Cutan. Pathol.**; 15: 340; 1988.
2. Blakely FA, **Rao BK**, Freeman RG: *Chromoblastomycosis with unusual histological features*; **J. Cutan. Pathol.**, 15: 298; 1988.
3. **Rao BK**, Bhawan J: *Cutaneous cysts of the breast with apocrine and squamous epithelium*; **J. Cutan. Pathol.**; 16: 322; 1989.
4. **Rao BK**, Bhawan J: *Combined focal mucinosis and granuloma annulare*; **J. Cutan. Pathol.**; 16: 322; 1989.
5. Cerio R, **Rao BK**, Jones EW: *An immunohistochemical study of fibrous papule of the nose*; **J. Cutan. Pathol.**; 16: 19498; 1989.
6. **Rao BK**, Dayal Y, Weiselthier J, Koh H, et al: *Multiple cutaneous carcinoid tumors with coexisting prostatic carcinoma*; **J. Cutan. Path.**, 17: 313; 1990.
7. **Rao BK**, Coldiron B, Freeman RG, Sonthiemer RD: *Subacute cutaneous lupus erythematosus progressing to morphea*; **J. Am. Acad. Dermatol.**, 23: 101922; 1990.
8. Wieselthier JS, Treloar V, Koh HK, **Rao BK**, Ahmad R: *Multiple crusted plaques in a woman with systemic lupus erythematosus*; **Arch. Dermatol.**; 10: 1572-73, 1575-76; 1991.
9. Smith S, Grossmen K, Cooley T, **Rao BK**, Koh H: *Solitary papule of lip in recurrent gastroesophageal carcinoma: An unusual presentation of cutaneous metastasis*; **Arch. Dermatol.**; 127: 58889; 1991.
10. **Rao BK**, Chaudhry AZ, Poulos EG: *Leprosy, retrospective study of five cases*; **J. Cutan. Patho.**; 20: 564; 1993.
11. **Rao BK**, Palko MJ, Unis M, Poulos EG: *Rheumatoid nodule-like reaction to foreign bodies (fish spine and metal), report of two cases*; **J. Cutan. Patho.**; 20: 564; 1993.
12. **Babar K. Rao**, Robert G. Freeman, Evangelos G. Poulos, Lisa Arbesfeld, Marta Rendon, "The Relationship between Basal Cell Epithelioma and Seborrheic Keratosis,"; **J. Dermatol. Surg. Oncol.**; 20: 761-64; 1994. (Insert issue 11 after "20")
13. **Rao BK**, Unis M, Poulos E: *Acroangiodermatitis: A study of Ten cases*; **Int. J. Dermatol.**; 33: 179-81;1994.
14. Thomas G. Salopek, Ashfaque A. Marghoob, Johny M. Slade, **Babar Rao**, Darrell S. Rigel, Alfred W. Kopf, Robert S. Bart: *An Estimate of the Incidence of Malignant Melanoma in the United States*; **Dermatol. Surg.**; 21: 301-05; 1995.
15. Anderson WK; **Rao BK**; Bhawan J: *The hybrid epidermoid and apocrine cyst: A combination of apocrine hydrocystoma and epidermal inclusion cyst*; **Am. J. Dermatopathol**; 18(4): 364-66; Aug. 1996.
16. Carol L. Huang, Qasim Wasti, Ashfaque A. Marghoob, Alfred W. Kopf, Maria DeDavid, **Babar K. Rao**, Robert S. Bart: *Border irregularity: atypical moles versus melanoma*; **Eur. J. Dermatol.**; 6: 270-73; 1996.
17. Maria DeDavid, Seth J. Orlow, Nathalie Provost, Ashfaque A. Marghoob, **Babar K. Rao**, Qasim Wasti, Carol L. Huang, Alfred W. Kopf, Robert S. Bart: *Neurocutaneous melanosis: clinical features of large congenital melanocytic nevi in patients with manifest central nervous system melanosis*; **J. Am. Acad. Dermatol.**; 35: 529-38; 1996.

18. Qasim Wasti, Alfred W. Kopf, Ashfaq A. Marghoob, Catherine Stefanato, Judith Romero, **Babar K. Rao**, Robert S. Bart: *Anatomical distribution of Cutaneous Melanomas and Painful Sunburns in Adults*; **Journal of Cutaneous Medicine and Surgery**; Vol. 1, Number 2: 81-85; 1997.
19. Maria DeDavid, Seth J. Orlow, Nathalie Provost, Ashfaq A. Marghoob, **Babar K. Rao**, Qasim Wasti, Carol L. Huang, Alfred W. Kopf, Robert S. Bart: *A study of large melanocytic nevi and associated melanomas: Review of cases in the New York University Registry and the world literature*; **J. Am. Acad. Dermatol.**; 36: 409-416; 1997.
20. **Babar K. Rao**, Ashfaq A. Marghoob, Wilhelm Stolz, Alfred W. Kopf, Johnny M. Slade, Qasim Wasti, Sandra Schoeback, Maria DeDavid, Robert S. Bart: *Can early malignant melanoma be differentiated from atypical melanocytic nevi by in-vivo techniques? Part 1: Clinical and Dermoscopic characteristics*; **Skin Research and Technology**; 3: 8-14; 1997.
21. **Babar Rao**, Jonnathan D.K. Trager, Robert Nossa, Richard D. Granstein, Rachele A. Sott: *Blistering disorder in a 30-month old Boy*; **Journal of Cutaneous Medicine and Surgery** 1997; 2: 32-34.
22. Sedef Sahin, **Babar Rao**, Alfred Kopf, Eric Lee, Darell Rigel, Robert Nossa, Hal Wortzel, Irfan Rahman, Ashfaq Marghoob, Robert Bart: *Predicting ten year survival of patients with primary cutaneous melanoma*; **Cancer** 1997; 80:1426-1431.
23. Garrett Haptman, Alfred W. Kopf, Harold Rabinovitz, Margaret Oliviero, **Babar Rao**: *Spitz Nevus: A case Report*; **Cutis**; 64;177-78,1999
24. Sedef Sahin, MD, Lumila Levin, BA, Alfred W. Kopf, MD, **Barbar K. Rao**, MD, Marc Triola, BA, Karren Koenig, PhD, Carol Haung, MD. *Risk of Melanoma in Medium-size dCongenital Melanocytic Nevi: A follow-up study*; **J. Am. Acad. Dermatol.**; 39: 428-433; 1998
25. Eric A. Strauss, **Babar K. Rao**, Benjamin Bernstein, and Rachele A. Scott. *A Bullous Eruption in an Acutely Ill Child*, **Journal of Cutaneous Medicine and Surgery**;3:-- 1999
26. **Babar K. Rao**, S. Tasetano, M. Mooney, R. Ahkami, B. Gardner, A. Schroeder & W. C. Lambert, *Hyper-Radial Intraepidermal Expansion of Melanomas Arising in Three Congenital Nevi on the Back of a 35-Year-Old Man*, **Journal of Cutaneous Pathology**; 26; 469;1999
27. Neal M. Ammar, **Babar K. Rao**, Robert A. Schwartz, & Camila K. Janniger, *Adolescent Striae*, **Cutis**; **66:69-70;2000**
28. **Babar K. Rao**, Mark Kagen, Carin H. Endzweig, David Kriegel, Robert G. Freeman, *Wrinkling due to Mid-Dermal Elastolysis: Presentation of Two Cases and Literature Review*, **Journal of Cutaneous Medicine and Surgery**; **4:40-44;2000**
29. S.Q. Wang, B. Katz, H. Rabinowitz, A.W. Kopf, M. Oliviero, **B.K. Rao**, *Lessons on Dermoscopy: case #10. Diagnosis: the differential clinical diagnoses were dysplastic nevus, malignant melanoma, and lichen planus-1 keratosis*". **Dermatol Surg.** **2000 Nov**; **26(11):1029-80**.
30. S.Q. Wang, B. Katz, H. Rabinowitz, A.W. Kopf, M. Oliviero, **B.K. Rao**, "Lessons on Dermoscopy #11. Solar lentigo", **Dermatol Surg.**, 2000Dec; **26(12):1173-4**.
31. Carin H. Enzweig, Eric Straus, Frank Murphy, **Babar K. Rao**. *A Case of Cutaneous Mycobacterium Chelonae Abscessus Infection in a Renal Transplant Patient*. **J. of Cutaneous Medicine & Surgery**, 2001 Jan-Feb, Vol. 5 (1), pp 28-32.
32. **B.K. Rao**, S.Q. Wang, F.P. Murphy, "Typical Dermoscopic patterns of benign melanocytic nevi", **Dermatol. Clin.**, 2001 April; **19(2):269-84**. (Review)
33. A.J. Papadopoulos, R.A. Schwartz, R. Kapila, J.A. Samady, Z. Ruszczak, **B.K. Rao**, W.C. Lambert, "Pyoderma vegetans". **J. Cutan. Med. Surg.**, 2001 May-Jun; **5(3):223-7**
34. **Babar K. Rao**, \*Maya Kolipakam, Irfan J. Rahman, *Identical Twins with Primary Cutaneous Melanoma Presenting at Same Time and Location*, **Journal of Cutaneous Pathology**, August 2001
35. Abrar Maqbool, Aqiba Bokhari, Rebecca Lintner, Irfan Rahman, **Babar K. Rao**. *Anorectal Melanoma; A case Report and Review of Literature*, **Journal of Cutaneous Pathology**, August 2001.
36. Lambert, W. Clark, Lapidus, Arnold, **Rao, B.**: *Melanoma Diagnosis by computerized Analysis of Clinical Images*; **Archives of Dermatology**. Vol. 137; 2001.
37. Margaret Altemus, **Babar Rao**, Firdaus S. Dhabhar, Wanhong Ding and Richard D. Granstein. *Stress Induced Changes in Skin Barrier Function in Healthy Women*, **Journal of Investigative Dermatology**, 117, 309-317, 2001.
38. **Babar K. Rao**, Steven Wang, Frank Murphy, *Typical Dermoscopic Patterns of Benign Melanocytic Nevi*. **Dermatologic Clinics**, April 2001, Vol. 19, No. 2, pp 269-284. (Review)

39. Li, H., Wiederkehr, M., **Rao, B.K.**, Samady, J.A., Gardner, B., Lambert, W.C., Schwartz, R.A. *Peculiar unilateral fixed drug eruption of the breast*. **International Journal of Dermatology**, Feb.41(2):96-8, 2002.
40. Giuseppe Argenziano, et al, **Babar K. Rao**, *Dermoscopy of pigmented skin lesions: Results of a consensus meeting via the Internet*. **J. Am. Acad. Dermatol**, May 2003, vol. 48, #5.
41. Oana G. Cula, Kristin J. Dana, Frank P. Murphy., **Babar K Rao** *Skin Texture Modeling*. **International Journal of Computer Vision**, (IJCV), 2003.
42. "Melanoma", **Babar K. Rao** and Komal Pandya, RPh, Guest Expert - [Dr. Donnica.com](http://Dr.Donnica.com), Women's Health, November 8, 2003.
43. Frank Victor, Jeremy Gelber, **Babar K. Rao**, *Melasma: A Review*. **Journal of Cutaneous Medicine and Surgery**, 2004; 97-102.
44. Abrar Maqbool, Rebecca Lintner, Aqiba Bokhari, Tariq Habib, Irfan Rahman, **Babar K. Rao**, *Anorectal Melanoma—3 Case Report sand a Review of the Literature*". **Curtis**; 73:409-413, 2004.
45. Brian J. Katz, **Babar K. Rao**, "Pigmented Actinic Keratosis", **Atlas of Dermoscopy**, Parthenon Publishing, Chapter, 2004.
46. Brian J. Katz, **Babar K. Rao**, A.A. Marghoob, "Dermatofibroma", **Atlas of Dermoscopy**, Parthenon Publishing, Chapter, 2004.
47. Brian J. Katz, **Babar K. Rao**, A.A. Marghoob, "Vascular Lesions Hemangiomas/angiokeratomas", **Atlas of Dermoscopy**, Parthenon Publishing, Chapter, 2004.
48. Cula, OG, Dana, KJ, **Murphy, FP**, and Rao, BK, "Bidirectional Imaging and Modeling of Skin Texture". **IEEE Transactions on Biomedical Engineering**, Vol. 51, No. 12, December 2004.
49. Rebecca Lintner and **Babar K. Rao**, "Adnexal Cancers of the Skin", **Cancer of the Skin - Part Four: Other Cancers of the Skin and Related Issues**, Saunders, Chapter – (September 2004)
50. **B. Rao**, B. Katz, N. Wei and P. Park. "Will Skin Pathologists ever be Replaced by Noninvasive Deaignostic Tools (Computers)?" **J. Cutaneous Pathology**, Vol. 32, No. 1, Jan. 2005, pp. 111.
51. **Babar K. Rao**, Janet Merino & Irfan Rahman, "Mycosis Fungoides Mimicking Lichen Planus," **J. Cutaneous Pathology**, Vol. 32, No. 1, Jan. 2005, pp. 111.
52. Tan J and **Rao BK**. "Mesotherapy-induced panniculitis treated with dapsone: case report and review of reported adverse effects of mesotherapy." **The Journal of Cutaneous Medicine and Surgery**, 10:92-95, 2006.
53. David Najarian, Ilyse Lefkowitz, Erika Balfour, Amy Pappert, **Babar K. Rao**, "Zinc deficiency associated with necrolytic acral erythema," **Journal of the American Academy of Dermatology** - November 2006 (Vol. 55, Issue 5, Pages S108-S110, DOI: 10.1016/j.jaad.2005.09.044)
54. Komal Pandya, David Najarian, Amy Pappert, and **Babar Rao**, "Bullous pemphigoid in a patient with psoriasis after efalizumab withdrawal," **Journal of the American Academy of Dermatology**. February 2007 (Vol. 56, Issue 2, Page AB45, DOI: 10.1016/j.jaad.2006.10.248)
55. Jennifer Tan-Billet, Usman Khan, Dena Roberson, **Babar Rao**, "Squamous cell carcinoma developing in a tattoo," **Journal of the American Academy of Dermatology** - February 2007 (Vol. 56, Issue 2, Page AB150, DOI: 10.1016/j.jaad.2006.10.697)
56. Najarian DJ, **Rao BK**, Pappert AS, "A sense of mucous membrane plasmacytosis successfully treated with cryotherapy." **Dermatol Online J**. 2008 Feb 28;14(2):6.
57. Najarian DJ, Najarian JS, **Rao BK**, Pappert AS, "Hypo zincemia and hyperzincuria associated with necrolytic acral erythema." **Int J Dermatol**. 2008 Jul;47(7):709-11.
58. **Babar K. Rao**, Omar Noor, Maya Kolipakam-Thosani, Komal M. Pandya, "Identical Twins with Primary Cutaneous Melanoma Presenting at the same time and location." **Journal of Dermatopathology**, 2008, Apr:30(2):182-4.
59. Omar Noor, Mohammad Rao, **Babar K. Rao**, "An Unusual Case of Coccidiomycosis Presenting with Skin Lesions," **American Journal of Dermatopathology**. October 2008 - Volume 30 - Issue 5 - pp 481-483. doi: 10.1097/DAD.0b013e3181728a08
60. Jennifer Ragi, Amy Pappert, **Babar Rao**, Marc Grossman, "Diagnostically challenging cases highlighting clinical problem solving," **Journal of the American Academy of Dermatology**, March 2009 (Vol. 60, Issue 3, Page AB54, DOI: 10.1016/j.jaad.2008.11.252)
61. Babar K. Rao, Adriana Lombardi, "Telemedicine: Current Status in Developed and Developing Countries." **Journal of Drugs in Dermatology**, 2009 Apr;8(4):371-5.
62. Omar Noor, Anjali Nanda, **Babar K. Rao**, "A Dermoscopy Survey To Assess Who Is Using It And Why It Is Or Is Not Being Used," **International Journal of Dermatology**, 2009 Sep;48(9):951-2.

63. Khan Misbah, Rao Babar, Sadick Neil. Cellulite vs Subcutaneous Adipose Tissue: Differences and Similarities. In: Katz Bruce, Sadick Neil, ed. *Body Contouring*. Saunders Elsevier; 2010: 15-24.
64. Rao Babar, Bhatti Hamza. "Dermatology Without Borders," **Journal of the American Osteopathic College of Dermatology**, 2010 Jan;15(1):17-18
65. Khan MH, Victor F, **Rao B**, Sadick NS, "Treatment of cellulite: Part I. Pathophysiology." *J. Am. Acad. Dermatol.* 2010 Mar;62(3):361-70; quiz 371-2. Review
66. Khan M.K., Victor F., **Rao B.K.**, Sadick N.S., "Treatment of cellulite: Part II. Advances and controversies". *J. Am. Acad. Dermatol.* 2010 Mar;62(3):373-84; quiz 385-6. Review
67. Ragi JM, Patel D, Masud A, **Rao BK**, "Nonmelanoma skin cancer of the ar: frequency, patients' knowledge, and photoprotection practices," *Dermatol Surg.* 2010 Aug;36(8):1232-9.
68. Ragi J, Pappert A, **Rao BK**, Havkin-Frenkel D, Milgraum S, "Oregano Extract Ointment for Wound Healing: A Randomized, Double-Blind, Petrolatum-Controlled Study Evaluating Efficacy." *J. of Drugs in Dermatology*, 2011 Oct

## PRESENTATIONS/LECTURES

1. Immunohistochemical study of fibrous papule of the nose, *Presented at the American Society of Dermatopathology Meeting, 1987. San Antonio.*
2. Spindle Cell Tumors: *King Edward Medical College, Lahore, Pakistan, September 1988.*
3. Histoplasmosis in an immunosuppressed patient. *Presented at the Southern Medical Association Meeting, 1988. New Orleans.*
4. Subacute cutaneous lupus erythematosus progressing to morphea; *Presented at the American Academy of Dermatology Meeting, 1988. Washington DC.*
5. Malignant Melanoma: *University of Tokyo, Tokyo, Japan, September 1988.*
6. Unusual cysts of the breast. *Presented at the American Society of Dermatopathology Meeting, 1989. San Francisco.*
7. Adnexal Tumors: *Military Hospital, Rawalpindi, Pakistan, September 1990.*
8. Cutaneous angiosarcoma in a 15 year old. *Presented at the American Academy Dermatology Meeting, 1990. Atlanta.*
9. Multiple cutaneous carcinoid tumors with coexisting prostatic carcinoma. *Presented at the American Society of Dermatopathology Meeting, 1990. Atlanta.*
10. Adnexal Tumors: *University of Jakarta, Indonesia, August 1990.*
11. Histological patterns of unusual inflammatory skin conditions in patients infected with the Human Immunodeficiency Virus (HIV). *Presented at the International AIDS Conference Barcelona, Spain 1991.*
12. Acroangiodermatitis: A study of eight cases. *Presented at the American Society of Dermatopathology Meeting, 1992. San Francisco.*
13. Lepromatous leprosy: An unusual presentation. *American Academy of Dermatology Meeting, 1992. San Francisco.*
14. Dermoscopy; melanoma vs. atypical mole: *New York Derm. Meeting; Jan. 1997. New York.*
15. Narrow Band UVB for Psoriasis: *Ecuadorian Dermatology congress; May 1997. Quito.*
16. Skin changes in AIDS: *Ecuadorian Dermatology congress, Quito, May 1997.*
17. Significance of Growth Phase in Melanoma Prognosis: *New York Derm. Meeting, Jan. 1998.*
18. Congenital Erythrodermic Psoriasis: *American Academy of Dermatology, July 1997.*
19. Unusual presentation of cutaneous Leishmaniasis: *American Academy of Dermatology, Feb. 1998.*
20. Physiological responses to stress: *New York academy of medicine June 1999*
21. Small congenital melanocytic nevi: *New York academy of medicine Nov 1999*
22. Exophytic Pilonidaloma, Clinically Resembling Keratoacanthoma, with Peri-Pilar Differentiation: *Peripilonidaloma, ASD meeting Nov 1999, San Diego*
23. An Unusual Case of Periareolar Fixed Drug Eruption, *ASD meeting Nov 1999, San Diego*
24. Adult HTLV-1 Leukemia / Lymphoma (ATLL) Unusual Clinical Presentation, *ASD meeting Nov 1999, San Diego*
25. Detection of Structural Periodicity in Histopathologic Sections of Congenital Nevi vs. Acquired Nevi, *ASD meeting Nov 1999, San Diego, CA*
26. Dermoscopy of Melanocytic Nevi, *AAO Meeting March 2000, San Francisco, CA*

27. Dermoscopy: *A Non-invasive Technique for the diagnosis of Pigmented Skin Lesions*. UMDNJ-RWJMS, Department of Dermatology, March 2000.
28. The 15<sup>th</sup> Combined Skin Pathology Course, UMDNJ-Newark, Newark, NJ, :September 7-12, 2000.
29. Department of Medicine Grand Rounds, UMDNJ-Robert Wood Johnson Medical School, “*Moles and Melanoma*”, September 20, 2000.
30. Occupational Medicine Residents’ Seminar, Environmental and Occupational Health Sciences Institute, UMDNJ-Robert Wood Johnson Medical School and Rutgers University. “**Occupational Dermatoses**”, December 5, 2000
31. Pathology Grand Rounds, Spring 2001, UMDNJ-Robert Wood Johnson Medical School, Department of Pathology and Laboratory Medicine, “**Melanocytic Lesions**”, January 24, 2001.
32. “*Cutaneous Manifestations of Systemic Disease*”, March 22, 2001. “*Skin Tumors*”, May 24, 2001 American Academy of Dermatology, “*Dermoscopy*”, March 2001.
33. Dermoscopy of Melanocytic Nevi, *AAD meeting March 2001, Washington, D.C.* Internal Medicine Residency Program, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ:
34. Grand Rounds on Melanocytic Neoplasms at UMDNJ- Newark, NJ 10/10/2001
35. Dermatology Grand Rounds, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, “*Practical Dermoscopic Approach for Management of Pigmented Skin Lesions*”, October 17, 2001.
36. Anthrax Educational Program, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, “*Cutaneous Anthrax*”, October 29, 2001.
37. Continuing Education Program, Rutgers, The State University of New Jersey, New Brunswick, NJ, “*Assessment and Management of Pigmented Lesions*”, January 10, 2002.
38. Grand Rounds, St. Peter’s University Hospital, New Brunswick, NJ, “*Moles and Melanoma*”, January 22, 2002.
39. 2002 Scientific Meeting, Iselin, NJ, New Jersey Chapter, American College of Physicians/American Society of Internal Medicine, Workshop and Lecture: “*Diagnosis and Management of Common and Important Dermatologic Conditions*”, February 1, 2002.
40. Dysplastic Nevus Forum: “*Advances in Epiluminescence*”. American Academy of Dermatology 60<sup>th</sup> Annual Meeting, New Orleans, LA, February 22-27, 2002.
41. Lecture: “*Dermoscopy of Seborrheic Keratoses and Solar Lentiginosities*”. American Academy of Dermatology 60<sup>th</sup> Annual Meeting, New Orleans, LA, February 22-27, 2002.
42. The Gross & Microscopic Dermatology Symposium. Case Presentation: “*Identical Twins with Primary Cutaneous Melanoma Presenting at the Same Site and Around the Same Time*”. American Academy of Dermatology 60<sup>th</sup> Annual Meeting, New Orleans, LA, February 22-27, 2002.
43. Poster Presentation: #536: “*Dermoscopic features of common melanocytic neoplasms*”. American Academy of Dermatology 60<sup>th</sup> Annual Meeting, New Orleans, LA, February 22-27, 2002.
44. Poster Presentation: #118: “*Efficacy and adverse effects of Glycoalkaloid cream for treatment of actinic keratoses*”. American Academy of Dermatology 60<sup>th</sup> Annual Meeting, New Orleans, LA, February 22-27, 2002.
45. Grand Rounds, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, “*Too Much or Too Little Hair?*” March 13, 2002.
46. Grand Rounds, Monmouth Medical Center, Long Branch, NJ, “*Discussion of Skin Cancers*”. June 20, 2002.
47. Association of Pakistani Physicians of North America, 25<sup>th</sup> Anniversary Meeting, “*Dermatological Update with an Emphasis on Melanomas*”, Sheraton, New York, NY, July 3-7, 2002.
48. Poster Presentation: “*Significance of Vertical Growth Phase in Melanoma Progression, A Study of 65 Cases*”, 39<sup>th</sup> Annual Meeting, The American Society of Dermatopathology, Phoenix, AZ, October 10-13, 2002.
49. Continuing Medical Education Program, American Society of Cosmetic Dermatology and Aesthetic Surgery. “*Conducting a Cosmetic Study- Noninvasive Diagnostics*”, Las Vegas, Nevada, December 6-8, 2002.
50. Skin & Allergy News, “*New Dermoscopy Tools See Everyday Office Use*”, January 2003.
51. Lecture: “*Overview of Acne: Epidemiology; Diagnosis; Treatment Strategies*”, Q.E.D. Communications Inc, Sotret Launch, January 13, 2003
52. Poster Presentation: “*Anorectal Melanoma, Discussion of Three Cases and Review of Literature*”, 61<sup>st</sup> Annual Meeting, American Academy of Dermatology, San Francisco, California, March 21-26, 2003.

53. Poster Presentation: “Significance of Vertical Growth Phase in Melanoma Progression, A Study of 65 Cases”, 61<sup>st</sup> Annual Meeting, American Academy of Dermatology, San Francisco, California, March 21-26, 2003.
54. Poster Presentation: “Dermatologic Manifestations of Hansen’s Disease: Two Case Reports”, 61<sup>st</sup> Annual Meeting, American Academy of Dermatology, San Francisco, California, March 21-26, 2003.
55. Poster Presentation: “Non-Invasive Diagnosis of Pigmented Lesions”, International Investigative Dermatology Meeting 2003, Miami, Florida, April 30-May 4, 2003.
56. Lecture: “Non-invasive Diagnostics in Dermatology”, New Jersey Skin Club, Piscataway, New Jersey, June 10, 2003.
57. Lecture: “Basic Skin Examination”, Medical Student Lecture Series, UMDNJ-Robert Wood Johnson Medical School, Piscataway, NJ, October 10, 2003.
58. Lecture: “Occupational Dermatoses”, Occupational Medicine Residents’ Seminar Series, Environmental & Occupational Health Sciences Institute. Jointly sponsored by Rutgers, The State University of New Jersey and UMDNJ-Robert Wood Johnson Medical School, Piscataway, NJ, November 4, 2003.
59. Lecture: “Latest Advances in Dermatology”, Internal Medicine Residency Program, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, April 27, 2004.
60. “Onychomycosis:Diagnosis and Treatment”, Novartis Pharmaceuticals Speaker Program, The Frog and the Peach, New Brunswick, NJ, June 29, 2004.
61. Lecture: “Occupational/Environmental Cases of Skin Cancer”, Occupational Medicine Residents’ Seminar, Environmental & Occupational Health Sciences Institute, Piscataway, NJ, April 19, 2005.
62. Presentation: Patient Viewing Session & Case Discussion, The 82<sup>nd</sup> Annual Atlantic Dermatological Conference, hosted by the Dermatological Society of Greater New York, The Grand Hyatt Hotel, New York, NY, May 21, 2005. “Multiple Cutaneous Piloileiomyomas and Erythema Dyschromicum Perstans”, cases by Tan J, Katz B, Pappert A, and **Rao B**. Published in the conference manuscript.
63. Presentation #605: “Simple & Easy Dermatoscopy”, American Academy of Dermatology Summer Meeting, Chicago, IL, July 21, 2005
64. Lecture: *Treatment of the Aging Face: What is Real and What is Not Real*, 4<sup>th</sup> Annual Conference – Update in Internal Medicine, UMDNJ-Robert Wood Johnson Medical School, Convention Center Hotel, Atlantic City, NJ, October 29, 2005.
65. Lecture: “Management of Skin Cancer”, 4<sup>th</sup> Annual Conference – Update in Internal Medicine, UMDNJ-Robert Wood Johnson Medical School, Convention Center Hotel, Atlantic City, NJ, October 29, 2005.
66. Grand Rounds: “Management of Pigmented Lesions”, Department of Medicine, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, November 16, 2005.
67. Presentation: “Simple & Easy Dermatoscopy”, Session #805, American Academy of Dermatology Summer Meeting, San Diego, CA, July 27, 2006.
68. Poster 2312: “Primary cutaneous melanoma with numerous satellites/regional metastases in an 86-year-old female.” Shahram Shafi, Babar Rao, Irfan Rahman, Joseph Contreras. Annual Meeting of the American Academy of Dermatology, San Francisco, CA. (March 2006)
69. Poster 126: “Severe nodulocystic acne vulgaris in a patient on infliximab.” Komal Pandya, **Babar Rao**. Annual Meeting of the American Academy of Dermatology, San Francisco, CA. (March 2006)
70. Poster 1107: “Dapsone used in the treatment of panniculitis resulting from mesotherapy: a case report.” Tan J and **Rao B**. Annual Meeting of the American Academy of Dermatology, San Francisco, CA. (March 2006)
71. Poster 3306: “Treatment of Becker’s Nevus with intense pulsed light therapy and trichloroacetic acid peels.” Tan J and **Rao B**. Annual Meeting of the American Academy of Dermatology, San Francisco, CA. (March 2006)
72. Poster: “Mesotherapy-induced panniculitis treated with dapsone: A case report and review of the literature”. Tan J and **Rao B**. Annual Meeting of the American Academy of Dermatology, San Francisco, CA. (March 2006)
73. Poster P2004: “Darier Roussy Sarcoidosis, erythema nodosum and systemic sarcoidosis presenting in a patient with HIV and Hepatitis C Virus after treatment with interferon and ribavirin therapy.” Tan J, Katz B, Pappert A, and **Rao B**. Annual Meeting of the American Academy of Dermatology, San Francisco, CA. (March 2006)



74. Poster P2316: "Squamous cell carcinoma developing in a tattoo," Jennifer Tan-Billet, Usman Khan, Dena Roberson, and **Babar Rao**, American Academy of Dermatology Annual Meeting, Washington DC, February 2-6, 2007
75. Poster P2019: "Renal Cell Carcinoma Presenting on the Lower Lip", M. Newman, M. Alamgir, and **B. Rao**. American Academy of Dermatology 65<sup>th</sup> Annual Meeting , Washington, DC, February 2-6, 2007.
76. Poster P1617: "Superficial granulomatous pyoderma: A case presentation," Aphale Abhishek, Usman Khan, **Babar Rao**, American Academy of Dermatology Annual Meeting, Washington DC, February 2-6, 2007
77. Presentation: "Simple & Easy Dermatoscopy", Session #806, American Academy of Dermatology Summer Meeting, New York, NY, August 1, 2007.
78. Presentation: "A Simple Approach to Using Dermascopy", 26<sup>th</sup> Anniversary Fall Clinical Dermatology Conference, Las Vegas, NV, October 21, 2007.

## RESEARCH

1. Efficacy and Safety of Alitretinoin in the Treatment of Severe Chronic and Hand Eczema Refractory to Topical Therapy. **Babar K. Rao**
2. PSOLAR REGISTRY: A Multicenter, Open Registry of patients with Psoriasis Who Are Candidates for systemic Therapy Including Biologics. Ragi J, **Rao B**, 8 year study to 2016.
3. An Investigator-Initiated, Randomized, Evaluator- Blinded, Placebo-Controlled Pilot Study Evaluating the Efficacy of Topical Oregano on Wound Healing. Ragi J, Milgraum S, Pappert, A, **Rao B** to 7/2009.
4. Phase I Clinical Trial: "A Randomized, Double Blinded, Vehicle Controlled, Dose Responsive Study of Topical Diphenylcyclopropanone Contact Immunotherapy for the Treatment of Verruca Warts". Ragi J, **Rao B**, Kaplan J, Lewis W. In progress (2007)
5. "Open-labeled, Non-Controlled Pilot Study Investigating the Effects of Selenium in the Treatment of Brittle Nails", Pandya K, Pappert A, **Rao B**. In progress (2007)
6. Dermoscopy Survey, **Rao B**, Nanda A. In progress (2007)
7. "Why Tan is More Attractive," **Rao B**, Noor O, Noor A. In progress (2007)
8. "ALA vs Methylene blue PDT for back acne," Khan M, Suchter M, **Rao B**. In progress (2007)
9. "Inhibition of skin cancer by caffeine: Effects on late stages of carcinogenesis". NIH Grant Proposal. Collaboration with UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, Rutgers University, Piscataway, NJ, Tufts University, Boston, MA, and University of Washington, Seattle, WA. (2006)
10. Clinical Study: "A 1-Year, Double-Blind, Randomized, Placebo-Controlled Study of Rasagiline 1 mg and 2 mg Added to Aricept® 10 mg Daily in Patients with Mild to Moderate Dementia of the Alzheimer's type", Staff Dermatologist, with University Behavioral HealthCare Extended Treatment Services, Piscataway, NJ. (2004)

## COMMUNITY SERVICE

- |                 |  |
|-----------------|--|
| <b>JUL 2008</b> | Co-founder and Chair, Rawalian Burn Center, Rawalpindi Medical College Overseas Foundation (RMCOF)   |
| <b>MAY 2007</b> | Skin Cancer Screening, in Association with the American Academy of Dermatology, New York, NY. Free screening for the public.   |
| <b>APR 2007</b> | Dermatology Clinic, Hospital Municipal Imbert Sespas, Imbert, Dominican Republic. Free clinic for disadvantaged residents.   |
| <b>MAY 2006</b> | UMDNJ-Robert Wood Johnson Medical School, Department of Dermatology & Department of Family Medicine Clinic, St. John's Family Health Center, New Brunswick, NJ. Free clinic for uninsured patients in New Brunswick. |
| <b>APR 2006</b> | Dermatology Clinic, Hospital Municipal Imbert Sespas, Imbert, Dominican Republic. Free clinic for disadvantaged residents.   |

- MAY 2004** Skin Cancer Screening, "*Melanoma Monday, Prevention in the Park*", presented by the American Academy of Dermatology, Bryant Park "Fountain Terrace", New York, NY. Free screening for the public.
- SEP 2003** Skin Cancer Screening, Major League Baseball and the Major League Baseball Players Association, New York, NY. Employee screening examinations.
- JAN 2002** Skin Cancer Screening, Women's Wellness & HealthCare Connection, Robert Wood Johnson University Hospital, New Brunswick, NJ
- AUG 2001** Skin Cancer Screening (2), Princeton Plasma Physics Laboratory, Princeton, NJ. Employee (80) screening examinations.
- AUG 2001** Skin Cancer Screening, Bristol-Myers Squibb Co, New Brunswick, NJ. Employee 100 screening examinations.

## **CONTINUING MEDICAL EDUCATION**