
Curriculum Vitae

Foreman, Tanya Jeanette (M.D.)

EDUCATION

Undergraduate

UC Santa Barbara
Santa Barbara, CA
B.S.
Dean's Scholar

Medical

Boston University School of Medicine
Boston, MA
M.D.

Internship: Internal Medicine Internship

Boston University School of Medicine
Boston, MA

Residency: Residency

University of California San Diego
La Jolla, CA

EMPLOYMENT HISTORY

West Dermatology and Surgery Medical Group
7330 Smoke Ranch Road, Suite B
Las Vegas, NV 89128

Kaiser Permanente
400 Craven Road
San Marcos, CA 92069

Dermatology Specialists, Inc
2067 West Vista Way, Suite 250
Vista, CA 92083

SPECIALTIES

Board Certified

American Board of Dermatology

Dermatology

ASSOCIATIONS & AFFILIATIONS

American Medical Association	Member
American Academy of Dermatology	Member
Cal Derm	Member

PUBLICATIONS

Article

- "Serum-free culture of human epidermal keratinocytes and applications to skin substitutes."
- "Functional wound closure with dermal-epidermal skin substitutes prepared in vitro."
- "Absence of tumorigenicity in athymic mice by normal human epidermal keratinocytes after culture in serum free medium."
- "The effects of epidermal growth factor and basic fibroblast growth factor on epithelialization of meshed skin graft interstices."
- "Rapid formation of anchoring fibrils and basement membrane after placement of dermal-epidermal composite cultured skin full-thickness burn wounds."

Journal

- "reduced wound contraction after grafting of full thickness burns with a collagen and chondroitin-6 sulfate (GAG) dermal substitute and coverage with Biobrane."
- "In Vitro effect of matrix peptides on a cultured dermal-epidermal skin substitute."
- "Cytotoxicity to cultured human keratinocytes of topical antimicrobial agents."
- "Burn wound closure with cultured autologous keratinocytes and fibroblasts attached to a collagen-GAG substrate"

Presentation

- Dermatologic Emergencies
- Palmoplantar Keratoderma of Unna-Thost
- Common Dermatologic Diseases
- Review of Palmoplantar Keratodermas
- Palmoplantar Keratoderma of Unna-Thost
- "An animal model for the study of giant congenital nevocytic nevi."
- "Assessing cytotoxicity of topical antimicrobial agents used in burn care to human keratinocytes with a direct bioassay."

Research

- "Palmoplantar Keratoderma of Unna-Thost."
- "Age-associated decrease in human cyclin an expression vivo and in vitro."
- "The effect of extracellular matrix peptides on epithelialization of meshed skin graft interstices."
- "In Vitro initiation of basement membrane with dermal-epidermal composite cultured skin substitute."
- "Early formation of basement membrane with an autologous dermal-epidermal composite cultured skin substitute."
- "Epidermal growth factor reduces the time to epithelialization of meshed split-thickness skin graft interstices."
- "Employing a direct bioassay to assess cytotoxicity to human keratinocytes of topical antimicrobial agents."
- The effects of epidermal growth factor and basic fibroblast growth factor on epithelialization of meshed skin graft interstices
- The athymic mouse as a model for our dermal-epidermal composite cultured skin substitute."
- "In Vitro and In Vivo effects of matrix peptides on cultured dermal-epidermal composite skin substitute."

- "Methods for evaluating the viability and epithelial thickness of a cultured skin substitute."
- "Cytotoxicity to cultured human keratinocytes of topical antimicrobial agents."
- "A composite, skin skin substitute of cultured epithelium on a collagen matrix."
- "Cytotoxicity to cultured human keratinocytes (HK) of topical antimicrobial agents."
- "Human recombinant heparin binding growth factor-2 can replace epidermal growth factor for clonal growth of human eider keratinocytes in biochemically defined medium."
- "Case report: Rapid formation of anchoring fibrils on a re-epithelialized full-thickness burn fater treatment with dermal-epic substitutes."
- "Increased acceptance and decreased wound contraction on athymic mice of cultured skin substitutes after grown in serum-f
- "Equivalent contraction of full thickness wounds on athymic mice after treatment with cultured human skin subsitutes or na skin."
- "Absence of tumor formation in athymic mice by normal human epidermal keratinocytes after growth in culture."
- "Athymic (nude) mice as a model for evaluation of wound contraction after grafting of materials of human skin replacement
- "Reduced wound contraction after excision and grafting of full thickness burns with a collagen and chondroitin-6 sulfated replacement and coverage with Biobrane."

Tanya J. Foreman, M.D.

Curriculum Vitae

EDUCATION

- | | |
|-------------|---|
| 1979 – 1982 | University of California, Santa Barbara, CA
<i>Bachelor of Science – Psychobiology</i> |
| 1990 – 1994 | Boston University School of Medicine, Boston, MA
<i>Doctorate of Medicine</i> |

INTERNSHIP ~ RESIDENCY

- | | |
|-------------|---|
| 1994 – 1995 | Boston University Residency Program, Boston MA
<i>Internship – Internal Medicine</i> |
| 1995 – 1998 | University of California, San Diego, CA
<i>Residency – Dermatology</i> |

CERTIFICATIONS

- | | |
|---------|--|
| 10/1999 | American Board of Dermatology |
| 1/1996 | Diplomate, National Board of Medical Examiners |

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

- American Academy of Dermatology
- The Massachusetts Medical Society
- The American Medical Association
- Psi Chi National Honor Society

ACADEMIC HONORS AND AWARDS

- | | |
|-------------|---|
| 1979 – 1982 | Dean's Scholar at UCSB (highest honors in 3 quarters) |
| 1982 | Chairperson's Award, Psychology Department, UCSB |
| 1981 | Outstanding Surgical Technique Award, Psychology Department, UCSB |

RESEARCH AWARDS

- | | |
|------|--|
| 1990 | Glenn Foundation for Medical Research Award
"Effect of aging on mitogenic responsiveness" (\$2,500)
Department of Dermatology, Boston University School of Medicine
Dr. Barbara Gilchrest and Dr. Mina Yaar |
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Tanya J. Foreman, M.D.

Curriculum Vitae

- 1993 Medical Student Research Fellowship from the American Dermatological Association.
"Effect of aging on the expression of the P34/CDC2, cyclin A and cyclin B cell cycle associated genes by in situ hybridization of skin and skin derived cells." (\$1,400) Dr. Barbara Gilchrest.

RESEARCH EXPERIENCE

Molecular biology of keratinocytes and fibroblasts. Biochemical and biophysical procedures for dermal equivalent preparation.

Animal surgery and post-operative care

Tissue culture techniques, e.g., establishment and maintenance of keratinocyte, fibroblast and tumor cells. Light-, immunofluorescence-, electron-, and scanning electron microscopy.

PROFESSIONAL AND RESEARCH HISTORY

- 1999 – Present Dermatologist, Kaiser Permanente San Marcos, CA
General Surgical and cosmetic dermatology.
Performed Botox, Sclerotherapy, Collagen, and Chemical Peels.
- 1998 – 1999 Dermatologist, Dermatology Specialists Inc. Vista, CA.
General Surgical and cosmetic dermatology.
Performed Botox, Sclerotherapy, Collagen, Chemical Peels and Laser Therapy.
- 1985 – 1990 Chief Research Associate, Department of Surgery.
University of California, San Diego Medical Center, San Diego, CA.
Development and maintenance of clinical, in vitro and animal studies pertaining to artificial skin transplant research.
Supervisor of laboratory personnel.
- 1980 – 1982 Research Assistant, Department of Psychology,
University of California, Santa Barbara, CA
Organization and management of a cancer research project.
Supervision and direction of laboratory personnel.

Tanya J. Foreman, M.D.

Curriculum Vitae

- 1981 – 1982 Emergency Room Assistant, St. Francis Hospital, Santa Barbara, CA.
Patient care and instrumentation for ambulatory surgery.
- 1981 – 1982 Academic Peer Advisor, Department of Psychology
University of California, Santa Barbara
Counseling of undergraduates, planning class schedules, obtaining and
giving career information and advice.

RESEARCH EXPERIENCE

Molecular biology of keratinocytes and fibroblasts. Biochemical and biophysical procedures for dermal equivalent preparation.

Animal surgery and post-operative care.

Tissue culture techniques, e.g., establishment and maintenance of keratinocyte, fibroblast and tumor cells. Light-, immunofluorescence-, electron-, and scanning electron microscopy.

ORIGINAL ARTICLES AND BOOK CHAPTERS

Boyce S.T., Glafkides M.C., Foreman T.J., Hansbrough J.F., "reduced wound contraction after grafting of full thickness burns with a collagen and chondroitin-6 sulfate (GAG) dermal skin substitute and coverage with Biobrane."

Journal of Burn Care and Rehabilitation 9 (4):364-370 1988

Boyce S.T., Foreman T.J., Hansbrough J.F., "Functional wound closure with dermal-epidermal skin substitutes prepared in vitro."

Eds. Skalak R., Fox C.F., In Tissue Engineering, Alan R. Liss, Inc., New York, New York, pp. 81-86, 1988

Boyce S.T., Cooper M.L., Foreman T.J., Strompro B.E., Hansbrough J.F. "Serum-free culture of human epidermal keratinocytes and applications to skin substitutes."

Proceedings of the Second Bioscience Conference, Tokyo Metropolitan University, Tokyo, Japan pp. 18-27, 1988.

Tanya J. Foreman, M.D.

Curriculum Vitae

Hansbrough J.F., Boyce S.T., Cooper M.L., Foreman T.J. "Burn wound closure with cultured autologous keratinocytes and fibroblasts attached to a collagen-GAG substrate."

Journal of the American Medical Association 262:2125-2130, 1989.

Hansbrough J.F., Boyce S.T., Foreman T.J. "Rapid formation of anchoring fibrils and basement membrane after placement of dermal-epidermal composite cultured skin substitute on full-thickness burn wounds."

Surgical Forum 40:584-586, 1989

Cooper M.L., Boyce S.T., Hansbrough J.F., Foreman T.J., Frank D.H. "Cytotoxicity to cultured human keratinocytes of topical antimicrobial agents."

Journal of Surgical Research 48: 190-195, 1990.

Cooper M.L., Hansbrough J.F., Foreman T.J., "In vitro effect of matrix peptides on a cultured dermal-epidermal skin substitute."

Journal of Surgical Research 48:528-533, 1990.

Boyce S.T., Foreman T.J., English K., Stayner N., Cooper M.L., Sakabu S., Hansbrough J.F.

Surgery 110:5 866-876, 1991.

Cooper M.L., Hansbrough J.F., Foreman T.J., Sakabu S.A., Laxer J.A. "The effects of epidermal growth factor and basic fibroblast growth factor on epithelialization of meshed skin graft interstices."

In Clinical and Experimental Approaches to Dermal and Epidermal Repair: Normal and Chronic Wounds, Eds. A. Barbul, M.D. Caldwell, W.H. Eaglstein, T.K. Hunt, D Marshall, E. Pines, G. Skover New York:Wiley-Less, pp 429-442, 1991.

Boyce S.T., Foreman T.J., Furmanski P., Hansbrough J.F. "Absence of tumorigenicity in athymic mice by normal human epidermal keratinocytes after culture in serum free medium."

Cancer Letters 62:141-147, 1992.

Foreman T.J., Tompkins S., and Goltz R.W. "Palmoplantar Keratoderma of Unna-Thost: Report of Five Generations."

In progress.

Tanya J. Foreman, M.D.

Curriculum Vitae

ABSTRACTS:

Boyce S.T., Glafkides M.C., Foreman T.J., Hansbrough J.F. "Reduced wound contraction after excision and grafting of full thickness burns with a collagen and chondroitin-6 sulfate dermal skin replacement and coverage with Biobrane." *Proceedings of the American Burn Association* 18:30, 1986.

Boyce S.T., Sakabu S., Foreman T.J., Hansbrough J.F. "Athymic (nude) mice as a model for evaluation of wound contraction after grafting of materials of human skin replacement." *Proceedings of American Burn Association* 19:78, 1987.

Boyce S.T., Foreman T.J., Furmanski P., Hansbrough J.F. "Absence of tumor formation in athymic mice by normal human epidermal keratinocytes after growth in culture." *Proceedings of American Burn Association Cancer Research*. 28:30, 1987.

Boyce S.T., Foreman T.J., Hansbrough J.F. "Equivalent contraction of full thickness wounds on athymic mice after treatment with cultured human skin substitutes or natural human skin." *Soc. Univ. Surgery, 50th Annual Meeting, 1988.*

Boyce S.T., Foreman T.J., English K., Cooper M.L., Hansbrough J.F. "Increased acceptance and decreased wound contraction on athymic mice of cultured skin substitutes after grown in serum-free media." *Proceedings of American Burn Association* 21:226, 1989.

Cooper M.L., Boyce S.T., Foreman T.J., Frank D., Hansbrough J.F. "Case report: Rapid formation of anchoring fibrils on a re-epithelialized full-thickness burn after treatment with dermal-epidermal skin substitutes." *Proceedings of American Burn Association* 21:56 1989.

Boyce S.T., Cooper M.L., Foreman T.J., Hansbrough J.F. "Human recombinant heparin binding growth factor-2 can replace epidermal growth factor for clonal growth of human epidermal keratinocytes in biochemically defined medium." *Proceedings of American Burn Association* 21:225, 1989.

Cooper M.L., Hansbrough J.F., Frank D.H., Foreman T.J., Boyce S.T. "Cytotoxicity to cultured human keratinocytes (HK) of topical antimicrobial agents." *Proceedings of American Burn Association* 21:227, 1989.

Tanya J. Foreman, M.D.

Curriculum Vitae

Hansbrough J.F., Cooper M.L., Foreman T.J., Boyce S.T. Clinical Trials: "A composite, skin substitute of cultured epithelium on a collagen matrix."
International symposium for cultured epithelial grafts in wound closure: New Orleans, LA. March, 1989.

Cooper M.L., Boyce S.T., Hansbrough J.F., Foreman T.J., Frank D.H.
"Cytotoxicity to cultured human keratinocytes of topical antimicrobial agents."
American College of Surgeons, Committee on Trauma, 67th Annual Meeting, Vancouver, B C 1989.

Cooper M.L., Foreman T.J., Frank D.H., Hansbrough J.F., Boyce S.T.
"Methods for evaluating the viability and epithelial thickness of a cultured skin substitute."
California Society of Plastic Surgeons, 39th Annual Meeting, Maui, HI 1989.

Cooper M.L., Hansbrough J.F., Foreman T.J., Laxer J.A. "In Vitro and In Vivo effects of matrix peptides on cultured dermal-epidermal composite skin substitute."
Association of Academic Surgeons, 23rd annual meeting; Louisville KY 1989.

Cooper M.L., Foreman T.J., Sakabu S., Hansbrough J.F. "The athymic mouse as a model for our dermal-epidermal composite cultured skin substitute."
3rd International Symposium on Tissue Repair; Miami, FL 1990.

Cooper M.L., Foreman T.J., Sakabu S., Laxer J.A., Hansbrough J.F. "The effects of epidermal growth factor and basic fibroblast growth factor on epithelialization of meshed skin graft interstices."
California Society of Plastic Surgeons, 40th annual meeting, Santa Barbara, CA 1990.

Cooper M.L., Laxer J.A., Foreman T.J., Hansbrough J.F. "Employing a direct bioassay to assess cytotoxicity to human keratinocytes of topical antimicrobial agents."
3rd International Symposium on Tissue Repair; Miami, FL. 1990.

Cooper, M.L., Foreman T.J., Sakabu S., Laxer J.A., Hansbrough J.F.
"Epidermal growth factor reduces the time to epithelialization of meshed split-thickness skin graft interstices."
American Burn Association 22nd meeting, Las Vegas, NV. 1990.

Tanya J. Foreman, M.D.

Curriculum Vitae

Cooper M.L., Hansbrough J.F., Foreman T.J., Laxer J.F. "Early formation on of basement membrane with an autologous dermal-epidermal composite cultured skin substitute: A Clinical series."

American Burn Association 22nd meeting, Las Vegas, NV 1990.

Cooper M.L., Laxer J.A., Foreman T.J., Hansbrough J.F. "Assessing cytotoxicity of topical antimicrobial agents used in burn care to human keratinocytes with a direct bioassay."

American Burn Association 22nd annual meeting, Las Vegas, NV 1990.

Cooper M.L., Sakabu S., Foreman T.J., Hansbrough J.F. "In Vitro initiation of basement membrane with dermal-epidermal composite cultured skin substitute."

American Burn Association 22nd annual meeting, Las Vegas, NV 1990.

Cooper M.L., Spielvogel R., Hansbrough J.F. et al.11. "An animal model for the study of giant congenital nevomelanocytic nevi."

Society of Investigative Dermatology, Washington, D.C. 1990.

Cooper, M.L., Hansbrough J.F., Foreman T.J., et al. "The effect of extracellular matrix peptides on epithelialization of meshed skin graft interstices."

Plastic Surgery Research Council, 35th annual meeting, Washington D.C. 1990.

Shvartzman L.A., Foreman T.J., Yaar M., Reenstra W.R., Gilchrest B.A. "Age-associated decrease in human cyclin an expression vivo and in vitro."

Journal of Investigative Dermatology 102-611, 1994.

Foreman T.J., Tompkins S., and Goltz R.W. "Palmoplantar Keratoderma of Unna-Thost."

Pacific Dermatologic Association, 49th Annual Meeting, Portland, OR 1997.

PRESENTATIONS:

Palmoplantar Keratoderma of Unna-Thost."

Pacific Dermatologic Association 47th Annual Meeting, San Diego, CA 1995.

"Review of Palmoplantar Keratodermas."

Grand Rounds, University of California, San Diego, CA 1996.

"Common Dermatologic Diseases."

Noon Conference Lecture Series, VAMC, San Diego, CA 1996.

Tanya J. Foreman, M.D.

Curriculum Vitae

“Palmoplantar Keratoderma of Unna-Thost.”

Gross and Microscopic Symposium, American Academy of Dermatology, San Francisco, CA 1997.

“Dermatologic Emergencies.”

Noon Conference Lecture Series, VAMC, San Diego, CA 1997.