



David G. Greenhalgh, M.D.

Clinical Interests David G. Greenhalgh, MD, is Chief of Burns at Shriners Hospitals for Children Northern California, and is also a Professor in the Department of Surgery at the University of California at Davis. While he has been involved in all aspects of research related to burn care, Dr. Greenhalgh's specific focus is on the mechanisms that influence the response to injury in distant organs after a burn. In addition, he does research in novel areas such as examining the role of mutations in the steroid receptor and the response to injury. Dr. Greenhalgh is even involved with the role of endogenous retroviruses and transposable elements in the response to injury. He is also interested in wound healing, scar formation, and the role of metabolic diseases in burn patients. He has been the author of over 185 published peer-reviewed papers and is the Associate Editor for the Journal of Surgical Research, a Clinical Editor for Wound Repair and Regeneration, and Associate Editor for the Journal of Burn Care and Research.

Title Chief of Burn Surgery, Shriners Hospitals for Children Northern California
Professor, Department of Surgery, UC Davis

Specialty Surgery - Burn

Department Surgery

Division Burn Surgery

Center/Program Affiliation Burn Center

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Education M.D., State University of New York at Syracuse College of Medicine, Syracuse, New York, 1981
B.A., Hamilton College, Clinton, New York, 1977

Internships Medical Center Hospital of Vermont, Burlington, Vermont, 1981-82

Residency Medical Center Hospital of Vermont, Burlington, Vermont, 1982-86

Fellowships University of Vermont College of Medicine, Burlington, Vermont, 1986-87
University of Washington, Seattle, Washington, 1987-89



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Board Certifications

American Board of Surgery, 1995
American Board of Surgery, Surgical Critical Care, 1998

Professional Memberships

American Board of Surgery -- Trauma, Burns Critical Care Boards
American Burn Association
American College of Surgeons -- Committee on Trauma
American Medical Association
American Surgical Association
Association for Academic Surgery
International Society for Burn Injuries
Phoenix Society
Society for Critical Care Medicine
Society of University Surgeons
Surgical Infection Society
Wound Healing Society

Honors and Awards

Hibbard E. Williams, MD, Lifetime Achievement Award, 2010

Select Recent Publications

Ballard J, Edelman L, Saffle J, Sheridan R, Kagan R, Bracco D, Cancio L, Cairns B, Baker R, Fillari P, Wibbenmeyer L, Voight D, Palmieri T, Greenhalgh D, Kemalyan N, Caruso D, Participating Members of the Multicenter Trials Group of the American Burn Association. Positive fungal cultures in burn patients: A multicenter review. *J Burn Care Res* 29: 213-221, 2008

Cho K, Hsu K, Kwon DN, Green T, Lim D, Lee YK, Greenhalgh DG. Cosegregation of CD14 locus and polymorphic alleles of glucocorticoid receptor and protocadherins into CD14 knockout mouse genome. *Shock*. 2008 Jun;29(6):724-32.

Palmieri TL, London JA, O'Mara MS, Greenhalgh DG. Analysis of admissions and outcomes of verified and nonverified burn centers. *J Burn Care Res* 29: 208-212, 2008

Greenhalgh DG. All of the King's Soldiers. The 2007 ABA Presidential Address. *J Burn Care Res* 29: 2-11, 2008

Greenhalgh DG. Burn Resuscitation. *J Burn Care Res* 28: 555-565, 2007

Greenhalgh DG. Consequences of excessive scar formation: Dealing with the problem and aiming for the future. *Wound Rep Regen* 15 (Suppl): S2-S5, 2007

Kowalske KJ, Greenhalgh DG, Ward SR. Hand Burns. *J Burn Care Res* 28: 607-610, 2007

Latenser BA, Miller SF, Bessey PQ, Browning SM, Caruso DM, Gomez M, Jeng JC, Krichbaum JA, Lentz CW, Saffle JR, Schurr MJ, Greenhalgh DG, Kagan RJ. National Burn Repository 2006: A ten year review. *J Burn Care Res* 28: 635-658, 2007



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Lee, Y-K, Chew A, Fitzsimon L, Thomas R, Greenhalgh D, Cho K. Genome-wide changes in expression profile of murine endogenous retroviruses (MuERVs) in distant organs after burn injury. BMC Genomics 8: 440-448, 2007

O'Mara MS, Reed NL, Palmieri TL, Greenhalgh DG. Central venous catheter infections in burn patients with scheduled catheter exchange and replacement. J Surg Res 142: 341-350, 2007

Palmieri TL, Lee T, O'Mara MS, Greenhalgh DG. Effects of a restrictive blood transfusion policy on outcomes in children with burn injury. J Burn Care Res 28: 65-70, 2007

Greenhalgh DG, Saffle JR, Holmes JH, IV, Gamelli RL, Palmieri TL, Horton JW, Tompkins RG, Traber DL, Mozingo DW, Deitch EA, Goodwin CW, Herndon DN, Gallagher JJ, Sanford AP, Jeng JC, Ahrenholz DH, Neely AN, O'Mara MS, Wolf SE, Purdue GF, Garner WL, Yowler CJ, Latenser BA (The American Burn Association Consensus Conference on Burn Sepsis and Infection Group). American Burn Association Consensus Conference to Define Sepsis and Infection in Burns. J Burn Care Res 28:776-790, 2007

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