

The Launch of *Advances in Wound Care*: Strengthening the Interdisciplinary Continuum of Wound Care

Chandan K. Sen

I AM DELIGHTED to present the inaugural issue of *Advances in Wound Care*, a new rapid-publication journal that had its genesis in the book series with that same title. In 2009, the Wound Healing Society decided to address an unmet need by initiating its first book series aimed at publishing digest articles, which would, in simple words and format, present the essence of the latest discoveries to the broader wound care community. Success of that book series inspired the launching of this journal, which retains the same title but will now be published as an indexed periodical to promote wider dissemination. Because of this change, articles will have the immediate benefit of being indexed in Google, Google Scholar, Microsoft Academic Search, and innumerable other search engines, and we anticipate early listing in Medline and hope to have an impact factor in a few years' time. *Advances in Wound Care* is fully NIH-compliant and has an open access option.

Wounds represent a major and escalating public health problem¹. *Advances in Wound Care* provides a critical new forum for the field of tissue injury and repair, with an emphasis on acute and chronic wound care to optimize patient outcomes. *Advances in Wound Care* will enable rapid dissemination of translational research from bench to bedside and back, with wound care applications including

chronic wounds (e.g., ulcers), acute wounds (e.g., surgical wounds), burns, trauma, blast injuries, infection, and more. *Advances in Wound Care* will explore novel research approaches and practices to deliver the latest scientific discoveries and developments. Major emphasis will be placed on clinical observation-based research aimed at solving problems at the point of health care delivery.

As an official publication of the Wound Healing Society, *Advances in Wound Care* serves the Society's core mission of improving wound healing outcomes through science, education, and communication. It will also aim at fostering interaction between scientists, clinicians, industry representatives, and government agencies, with the final objective of improving the care of those suffering from wounds. Quantal leap in wound care can only come from effective synchrony between the numerous disciplines that the wound care community represents. Given the numerous clinical as well as basic science disciplines involved in developing the science of wound care, this is not a trivial task and calls for a strategic approach. Even for accomplished scientists, staying abreast of the latest developments in the multidimensional science of wound care is a daunting task. For wound care professionals it is almost impossible to closely monitor relevant scientific developments in



Chandan K. Sen

such a diverse atmosphere. Thus, there is a fast-growing gap between the frontiers of science and the quality of education and patient care. *Advances in Wound Care* is being introduced as a bimonthly periodical to address that gap. The overall objective is to strengthen the interdisciplinary continuum of wound care.

Advances in Wound Care will publish four types of articles: Critical Reviews on late-breaking science, Comprehensive Invited Reviews by authoritative experts, Technology Reports covering new therapies brought to the market, and Discovery Express aimed at rapid communication of short original articles. In addition, the Journal will publish thematic issues comprehensively covering specific topics of high significance in wound care. The News & Views section will publish case observations of extraordinary significance as well as newsworthy developments in the wound care community.

While the primary focus is on cutaneous wound sciences, quality articles covering comparative science of other organ and tissue systems will be published as well. Coverage will include skin bioengineering; skin and tissue regeneration; acute, chronic, and complex wounds; dressings; anti-scar strategies; inflammation; burns and healing; bio-film; oxygen and angiogenesis; critical limb ischemia; military wound care; and new devices and technologies.

This inaugural issue has a special focus on the Cell Biology of Wound Healing organized by the legendary Bob Diegelman, with strong contributions on collagen organization, macrophage polarization, angiogenesis, mast cells, stress, and fibrocytes. In the Technology Reports track, this inaugural issue discusses cutting-edge advances including articles on the SNaP[®] Wound Care System, PolyMem[®] Wic[®] Silver[®] Rope, Glycerin-Based Hydrogel for Infection Control, Cascade and Autologous System Platelet-Rich Fibrin Matrix.

We are fortunate to have an extraordinary international editorial board including experts in the United States, Canada, Germany, Denmark, Israel, China, Japan, India, and Brazil.

On behalf of the Wound Healing Society, I welcome the larger wound care community to contribute to the success of *Advances in Wound Care*. We look forward to your active participation in *Advances in Wound Care*. Please let us know how we may best serve your needs so that your knowledge base may integrate with the rest of the wound care community to guide scientific research and improve patient care.

Chandan K. Sen
Editor-in-Chief

Comprehensive Wound Center
The Ohio State University Medical Center

REFERENCE

1. Sen CK, Gordillo GM, Roy S, Kirsner R, Lambert L, Hunt TK, Gottrup F, Gurtner GC, and Longaker MT: Human skin wounds: a major and snowballing threat to public health and economy. *Wound Repair Regen* 2009; **17**: 763.