President’s Message
By Harriet W. Hopf, M.D.

Dear WHS Members and Colleagues,

Happy New Year! At the start of 2012, it is a pleasure to reflect on the status of our society, which is strong because of the hard work of our members. Our journal, Wound Repair and Regeneration, is thriving under the leadership of Pat Hebda. Our impact factor continued its rise in 2010 to 3.443. Despite a continued increase in the quality and quantity of submitted manuscripts, our time to first decision remains rapid. The WHS Yearbook, under the leadership of Chandan Sen, had a successful second volume in support of the Anita Roberts Award. This year, we have signed a contract with the publisher to change to early online publication of yearbook articles as they are accepted, with a compendium volume at the end of the year. This will make publication of the articles more timely, allow better access through the publisher’s existing library contracts, make the articles easily searchable, and lead to indexing on PubMed in a few years. Our upcoming meeting (Atlanta, GA, April 19-22, 2012), organized by Chandan Sen and Joyce Stechmiller, promises to provide exciting science and multiple networking opportunities.

The finances of the WHS remain healthy and we are investing in making the society more valuable to our members. The Education Committee continues their podcast series, “Beyond the Basics,” at http://www.woundheal.org/login, available free to members. Rob Kirsner has agreed to head up the effort to revise the chronic and acute wound treatment and prevention guidelines. The Awards Committee has reviewed and standardized the awards process, and the number of travel awards for trainees and junior faculty continues to grow. Our website continues to get more user-friendly and grow as a resource, and our Website, Education, and Membership Committees are working on ways to increase our social media presence to provide further benefits to our members. We are working with the Wound Healing Society Foundation to create a business plan that will allow us to invest in the Foundation to grow the size and variety of grant opportunities we can offer.

The Board of Directors had another successful facilitated Strategic Planning Meeting in November that focused on optimizing the annual meeting experience for our members in light of the new mission statement and guiding principles we developed last year. Our key conclusion was that we want a meeting that is intimate, allowing plenty of networking and intense science, but we also want to be able to take advantage of the big stage provided by our joint meeting with the SAWC to increase our influence in the discipline. Our leadership is currently working with HMP/NACCME to implement our ideas on how to make this concept a reality. We also came up with some new initiatives to increase the level of networking and science for our members throughout the year.

Thank you for your continued support and membership in WHS. Please feel free to contact me at harriet.hopf@hsc.utah.edu. I welcome your thoughts, questions, and suggestions.

With Warm Regards,
Harriet
Greetings, the Holidays are here. It is time to celebrate, to get together with family and friends, to reflect upon the events of the year. The 2011 season is again a particularly difficult one in which to engage in festivities, because we all know too well that many of our countrymen have lost their jobs, their homes, and by now, maybe even food on the table. Just this past Thanksgiving, my husband and I dedicated four hours of our day to help prepare a meal and to serve it to the needy. It was a rewarding but very humbling experience as we reflected upon how many people we saw who were happy to eat something hot, let alone turkey with all of the dressings. I invite you to reflect upon the events of the day, the events of the week, the events of the month, the events of the year and vow to take a step, small as it may be, to lend a hand to someone in need.

Suggestions for the newsletter are always welcome. Please send your article, news item, or any ideas to Manuela.martins@ucr.edu.

HAPPY HOLIDAYS

Full of Peace and Good Health

www.woundheal.org
January 23-26, 2012
1st Middle East Wound Care Conference
Dubai, United Arab Emirates
Contact: Eliaquim L. Icay,
Registrations Manager,
Telephone: +971 4 407 2719
Fax: +971 4 336 4021
Email: eliaquim.icay@informa.com

March 15-17, 2012
Diabetic Foot Global Conference
Renaissance Hollywood Hotel,
Los Angeles, CA
Telephone: 337-235-6606
Email: conference@dfcon.com

March 15-17, 2012
Hyperbaric Medicine Annual Conference
Columbia Marriott, Columbia, SC
Email: registration@baromedical.com

March 16-20, 2012
American Academy of Dermatology
70th Annual Meeting
San Diego Convention Center,
San Diego, CA
Telephone: 866-503-7546

March 18-22, 2012
Australian Wound Management Association Conference
Sydney Convention & Exhibit Center
Sydney, Australia
www.awma2012.com

March 23-24, 2012
5th Annual Translational to Clinical (T2C) Regenerative Medicine Wound Care Conference
Ohio State University, Ohio Union,
Columbus, OH
Contact: Kim Knight, Conference Management
Telephone: 614-475-6940
Email: kmknight@aol.com

April 19-22, 2012
Annual Spring Symposium on Advanced Wound Care (SAWC/WHS)
Georgia Convention Center,
Atlanta, GA
Telephone: 407-647-8839
www.woundheal.org/meetings

April 21-25
Experimental Biology 2012:
Federation of American Societies for Experimental Biology (FASEB) Annual Conference
Marriott San Diego Marquis and Marina and the Hilton Bayfront,
San Diego, CA
Contact: Yvette Clark, Meeting Manager
Telephone: 301-634-7016
Email: yclark@faseb.org

May 9-12, 2012
Society for Investigative Dermatology 75th Anniversary Conference
Raleigh Marriott City Center,
Sheraton Raleigh Hotel,
Raleigh Convention Center,
Raleigh, NC
Contact: Carolyn Slade, Director of Meetings & Educational Programs
Telephone: 216-579-9300 x304
Email: slade@sidnet.org

May, 2012
Veterinary Wound Management Society
Annual Conference
Orlando, FL

May 23-25, 2012
European Wound Management Association
22nd Annual Conference
Austria Center,
Vienna, Austria
Telephone: 45 7020 0305
Email: ewma@ewma.org
www.ewma2012.org

June 9-13, 2012
Wound Ostomy and Continence Nurses Society’s 44th Annual Conference
The Westin Charlotte & Hilton Charlotte City Center,
Charlotte, NC
Telephone: 888-224-9626
Email: wocn_info@wocn.org
www.2012.wocn.org

June 14-17, 2012
Plastic Surgery Research Council 57th Annual Meeting
University of Michigan,
Campus Inn & Bell Tower Hotel,
Ann Arbor, MI
Telephone: 603-643-2325
Email: psrc@conmx.net

June 21-23, 2012
Undersea & Hyperbaric Medical Society
(UHMS) 45th Annual Scientific Meeting
JW Marriott Desert Ridge Resort & Spa
Phoenix, AZ
Telephone: 919-490-5140
877-533-8467
Email: uhms@uhms.org

September 2-6, 2012
EMBO Conference Series: The Molecular and Cellular Basis of Regeneration and Tissue Repair
Oxford, UK
Telephone: 49 6221 8891 102
www.embo.org

September 2-6, 2012
4th Annual World Union of Wound Healing Societies (WUWHS) Conference
Pacifico Yokahama,
Yokahama, Japan
Telephone: 81 3 5216 5318
Email: wuwhs2012@congre.co.jp

September 5-8, 2012
Tissue Engineering International & Regeneration Medicine Society (TERMIS)
Third World Congress
Hofburg Conference Center,
Vienna, Austria
Contact: Prof. Heinz Redl, Ph.D.,
Telephone: 43 1 331 10 462;
Email: office@trauma.lbg.ac.at

November 11-14, 2012
American Society for Matrix Biology/
Society for Glycobiology Annual Meeting
Sheraton San Diego Hotel & Marina,
San Diego, CA
Contact: Jennifer Holland, Executive Director
Telephone: 301-634-7814
Email: asmb@asmb.net

December 15-19, 2012
American Society for Cell Biology (ASCB)
Annual Conference
San Francisco, CA
Telephone: 301-347-9300
www.ascb.org
The 22nd Annual Wound Healing Society (WHS) meeting will be held in Atlanta, Georgia, from April 19-22, 2012. This is a Joint meeting with the European Tissue Repair Society (ETRS), and, for the sixth year, it will be held in conjunction with the Symposium on Advanced Wound Care (SAWC). Celebrating its 25th anniversary, the SAWC/WHS meeting is the largest interdisciplinary wound care conference where cutting-edge science propels evidence-based clinical care.

On behalf of the WHS, we invite you to participate in this year's annual conference. Current advances in tissue repair and regeneration will be presented by leaders in the field, many of whom will be seen at a major wound conference for the first time. Coverage will span traditional topics such as inflammation and clinical trials update to emergent fields such as induced pluripotent stem cells.

This year’s program will also feature a joint WHS-VWMS (Veterinary Wound Management Society) Plenary Session. Please find the meeting syllabus on the WHS website in the 2012 meetings section under the Preliminary Program tab. Please check http://www.woundheal.org/meetings for continuous updates.

Highlights of this year’s program include:

**Young Investigators Plenary Session** - recognizes young, talented scientists submitting the most meritorious abstracts as judged by a panel of 58 top experts in the field. The top four candidates will be awarded.

**WHS Keynote Speaker:**

Geoffrey C. Gurtner, MD, a world acclaimed scientist in reparative and regenerative wound healing strategies, will discuss key principles in mammalian reparative biology, developments in stem cell biology and stem cell-based therapies, and address late breaking developments in the area of tissue vascularization in the context of human skin wound healing.

**General Plenary Session** - will cover Wound Inflammation. S. Joe Leibovich, PhD, will discuss molecular mechanisms. Sashwati Roy, PhD, will explain how inflammation is resolved. David Greenhalgh, MD, FACS, will address clinical complications in the setting of diabetic ulcers and therapeutic strategies.

**Plenary Sessions** (five) – will present new innovative concepts in basic, translational, and clinical science of wound healing. The International Session organized by ETRS will cover “Tissue Repair: From Basic Science to Translational Medicine.”

**Pre-Clinical Models of Wound Healing** – this free pre-conference session will be led by Andrew Baird, PhD, and Gayle Gordillo, MD. The first part of the session will focus on review of the models. A panel discussion will follow to identify the best approach based on current knowledge. This session is a “must attend” for experimentalists.

**Meet the Mentors Session** - this popular session returns and is designed to network and encourage and build relationships with young investigators in the field of wound healing.

**Oral Abstract Sessions** (seven) – will feature the top 56 competitively ranked Abstracts. These will be presented at peak times during the day for maximum audience exposure. Poster Discussion sessions will be scheduled at specified time slots. This year, WHS has its own Poster Session hall.
When I first met Lisa Gould in the summer of 1990, it was very apparent that this feisty young physician was not one of our typical first-year surgical residents. She had come to Richmond several weeks earlier to “scope out the place,” as she said, by both land and water. Richmond is known as the River City because the beautiful James River flows through the center of town. Therefore, in addition to hiking around the various historical parks, cemeteries, and Civil War battlefields, she brought her kayak so she could explore the river and experience the exciting central city rapids.

Right off the bat, we could tell that Lisa Gould was out for adventure and was well prepared to focus her energies and enthusiasm into research. Of course, she had a very demanding clinical schedule for a while, but whenever she could slip away from the hospital, she came over to the lab to talk science. Her training as a Ph.D. Biochemist kept surfacing. In 1992, Lisa was awarded the prestigious American College of Surgeons’ Ethicon Scholarship for two years, a grant from the Plastic Surgery Educational Foundation, and a fellowship from the same organization. What a dream; a bright, enthusiastic, young clinical scientist who could pay her way and all of her expenses!

After a productive tenure in Richmond, Lisa left in 1998 and went on to complete a hand fellowship at the Medical College of Wisconsin. She continues to lead a productive research lab and a fellowship from the same organization. What a dream; a bright, enthusiastic, young clinical scientist who could pay her way and all of her expenses!

Lisa Gould, M.D., Ph.D.
By Bob Diegelmann, M.D., and Andrea Moore, M.D.

chronic wounds. Some of her other key scientific contributions are centered on the mechanisms whereby hyperbaric oxygen attenuates apoptosis and inflammation in ischemic wounds. Her work has also led to a better understanding of the proteolytic and inflammatory components in wound fluids and tissue biopsies taken from venous leg ulcers.

Over the years Lisa has provided significant service to the Wound Healing Society by chairing and serving on the Education Committee, Foundation Awards Committee, Program Committee, as Program Chair, and now as our Secretary for the Board of Directors. Lisa was a major contributor to our four Guidelines as well as serving on expert panels for recommendations for wound debridement and treatment of difficult-to-heal chronic wounds. At our annual meeting with the Symposium for Advanced Wound Care, Lisa leads the Wound Scene Investigation panel, where she contributes to both the clinical analysis of the problem wounds as well as the basic science mechanisms.

Lisa is an avid hiker and environmentalist, and has spent vacations repairing trails for the Sierra Club in Glacier Park. In addition Lisa is an avid sailor, and whenever she is not sailing her Cape Dory 25, Coquina, she crews on a Tartan 30 sailboat racing out of the Davis Island Yacht Club in Tampa. There is an old saying among the sailing community: “Sail Fast and Live Slow.” But Lisa is one of those multitalented, multitasking individuals who not only sails fast but lives fast. She is even so adept at multitasking that she can be mad at you and, while she is bawling you out, she still maintains that contagious smile on her face!
Member News

WHS Members invited to attend international meetings

As part of an ongoing collaboration between wound healing societies, the Japanese Society for Wound Healing invited four WHS members to represent the society at two 2012 meetings; the World Union of Wound Healing Societies (WUWHS) and the Japanese Society for Wound Healing (JSWH). A call for speaker proposals went out to WHS members in April this year. The topic for the WUWHS meeting was modulation of tissue regeneration and the JSWH topic was tissue regeneration. All submissions were grading for science, originality and communication.

Many outstanding proposals were submitted for review. The 2012 WHS representatives have been announced. Congratulations to Lisa J. Gould, MD, PhD, James A Haley Veteran’s Hospital Tampa; Ken Tamama, MD, PhD, University of Pittsburgh Medical Center; Sundeep Keswani, MD, Cincinnati Children’s Hospital Medical Center; and Ken Liechty, MD, University of Mississippi Medical Center. Sundeep and Ken will represent the WHS at the World Union Meeting in Yokohama, Japan in September 2012. Lisa and Ken will represent the WHS at the Japanese Society for Wound Healing in Sapporo, Japan in December 2012.

Congratulations to our WHS Representatives on their proposals for next year. For more information on the meetings, please go to http://www.jswh.com/english2/index_e.html and http://wuwhs2012.com.

Scenes From the WHS Planning Meeting

The WHS Board and past program committee co-chairs were joined by WHS staff Phil Pyster and Lyn Henderson on November 11-12 at the Doubletree Hotel - Cincinnati Airport. As Harriet Hopf noted in her President’s Message, the group worked intensely to come up with ways to improve the Society’s services, communications and the Annual Meeting experience.
First-ever International Pediatric Wound Healing Meeting a Success!

By Robert S. Kirsner, M.D. PhD

The first-ever International Symposium on Pediatric Wound Care (ISPeW) was held in Rome, Italy on October 27-29, 2011. Under the direction of Guido Ciprand, MD, President of the Symposium; Marco Romanelli, MD, Vice President; and Corrado Maria Durante, MD, Secretary General, the meeting attracted more than 300 international attendees from the United States, Europe, South America, Africa, and Asia. The meeting also kicked off the founding of the International Society of Pediatric Wound Care.

This educationally packed meeting focused on the various problems encountered by children with wounds. The meeting, which was two years in the making, brought into focus the entire “Planet of Pediatric Wound Care.” Each of the three 10-hour days of education was ripe with information related to the care of pediatric wounds. More than 100 speakers from 15 countries discussed 25 selected topics focusing on prevention, care, and pathology of wounds that affect children.

Keynote speaker John MacDonald, MD, from the University of Miami, Florida, kicked off the meeting with an outstanding presentation on the “wounded child.” He highlighted children who were victims of tragedies, both natural and man-made, throughout the world. Most of the first day was related to the prevention of pressure ulcers, focusing on nutrition, staging, and other preventative care. In these sessions, analysis of risk factors, including a number of scales that are used to predict risk, were highlighted. Mona Baharestani of East Tennessee State University gave an excellent presentation on pressure ulcers in premature infants and neonates, highlighting the various devices, such as oxygen tubing and nasal cannulas, that cause pressure ulcers in this population. Spinal cord injury and spina bifida were also noted as important risk factors for pressure ulcers in children.

Another important cause of pediatric wounds that was highlighted was burns. Both surgical and medical approaches were presented. The experience with fibroblast growth factor use in the Far East was presented, as was the use of extracellular matrix and collagen dressings for the care of patients with burn wounds. Therapies used commonly in adult patients such as hyperbaric oxygen, engineered skin products, and negative pressure wound therapy were also presented but focusing on the pediatric issues related to the use of these products.

While the major focus of the meeting was clinical evaluation, management, and care of patients with wounds, basic science lecture topics such as stem cells, the pathogenesis of scar formation, tissue repair, and blastema formation were among the scientific highlights during the three-day meeting. A variety of concurrent sessions occurred as well. Excellent discussions ensued during the oral and poster presentations highlighting the panoply of pediatric wound healing topics from the variety of countries represented. Among those presented were the use of keratin dressings in the care of patients with epidermolysis bullosa, the use of collagenase and hyaluronic acid in pediatric burn patients, and novel debridement approaches using dermabrasion and versajet for pediatric wounds.

An important theme of the meeting was the critical nature of pain reduction and the painless care of pediatric wounds. A variety of techniques, including use of specialized silicon dressings, appropriate use of pain medications, and other approaches to reducing pain were discussed and highlighted as important aspects considered.

In the presence of this phenomenal educational event, development of camaraderie among attendees was not lost. The spectacular host city of Rome, called the “Eternal City,” allowed a perfect respite from the intense clinical and scientific sessions of the meeting. The meeting site and hotels were only a stone’s throw away from the Roman Forum and only a cab drive away from Vatican City. The splendid history of the locale was a perfect complement to the youthful beginning of the new International Society of Pediatric Wound Care and the first ever International Symposium on Pediatric Wound Care. We all anxiously anticipate the second meeting, which is tentatively scheduled for 2013!
Lipids are a heterogeneous group of molecules and are hydrophobic to amphiphilic in nature. Until quite recently, these molecules were thought of as having purely a structural function. There is good reason for this assumption, because the very boundary of the cell, as well as the compartmentalization within it, is due to self-assembling and self-healing bilayers of lipids. The general amphiphilic character allows lipid molecules to aggregate such that their hydrophobic areas are stacked next to those of other lipid molecules and pointing away from an aqueous environment, while the hydrophilic areas are juxtaposed and pointing towards the aqueous region. This arrangement provides an excellent barrier against passive entry of many types of hydrophilic molecules into the cell.

While a majority of lipids are structural components, a significant portion also function as signaling molecules and even form signaling networks. The majority of these signaling pathways are highly active in the wound healing process, from the very beginning to the very end. The roles played by lipids in the migration and proliferation of keratinocytes and fibroblasts are well established. They also carry out a major role in the recruitment, activation, and apoptosis of leukocytes at wound sites. A brief outlook of the multiple roles played by the different lipids during the wound healing process is given below.

**Eicosanoids:** One of the principal signaling lipid groups that play a major role in the wound healing process are the eicosanoids. These are enzymatic and non-enzymatic metabolites of primarily arachidonic acid (AA), as well as eicosapentaenoic acid and docosahexaenoic acid. These lipids are involved in regulating all the phases of wound healing, and especially the regulation of inflammation. Arachidonic acid, the precursor of most eicosanoids, is generally kept acylated at the sn-2 position (the middle carbon of the glycerol backbone of glycerolipids) of cellular lipids such as phosphatidylethanolamine, phosphatidylcholine, or phosphatidylinositol. Upon stimulation by physical insults or inflammatory agonists these arachidonic acids are liberated by phospholipases A2 enzymes (cPLA2, sPLA2, and iPLA2). The free arachidonic acid is acted upon by various enzymes, giving rise to the eicosanoids.

There are three different classes of eicosanoids. Their classification is based on the principal enzymes involved in their synthesis. These are the Cyclooxygenase products (prostaglandins, prostacyclins and thromboxanes), Lipooxygenase products (hydroxyeicosatetraenoic acid and leukotrienes), and Cytochrome p450 products (epoxyeicosatrienoic acids). The prostaglandins are involved in the onset and resolution of inflammation. Hydroxyeicosatetraenoic acids (HETE’s) are important in proliferation and migration of fibroblasts and keratinocytes. Thromboxanes are powerful vasoconstrictors and neutrophil chemoattractants.

**Sphingolipids:** Another class of lipids that play an important role in the wound healing process is the sphingolipids. Sphingosine-1-phosphate promotes the formation of new blood vessels (angiogenic), while ceramide-1-phosphate is known to activate phospholipase A2, increasing the AA release and subsequent eicosanoid production. The 16 and 24 carbon acyl chain length forms of ceramide have been shown to play an important role in neutrophil apoptosis. The lipid sphingophosphorylcholine has been shown to accelerate healing of full-thickness wounds in laboratory mice. Another interesting lipid, ceramide-1-phosphate, is known to activate cPLA2, thereby initiating the eicosanoid cascade. Recently, this lipid was also shown to inhibit TNF converting enzyme (TACE/ADAM17).

**Phospholipids:** Many different kinds of phospholipids have been demonstrated to regulate several aspects of wound healing. One of the very
first responses upon wounding is the activation of cPLA₂, which hydrolyses arachidonic acid from the sn-2 position of phosphatidylcholine, forming free lysophosphatidylcholine (LPC). LPC is the immediate precursor of the platelet activating factor, a lipid molecule that is well known for platelet aggregation leading to hemostasis. Another phospholipid of importance in wound healing is lysophosphatidic acid (LPA). LPA is known to stimulate the proliferation and migration of fibroblasts and keratinocytes, LPA has also been demonstrated to act as a chemoattractant for neutrophils, as well as enhancing epithelialization of cutaneous wounds in animal models.

Steroid Hormones: The steroid sex hormones are also well known players that affect the outcome of wound healing. Important hormones in this regard are estrogen and estradiol, which have been shown to ameliorate wound inflammation. On the other hand, androgens have been shown to exacerbate wound inflammation with possible consequence of delayed wound healing.

Identification and quantification of lipid changes during the wound healing process

There are multiple established techniques for quantitatively and qualitatively analyzing lipids. However, the majority of these techniques are only capable of analyzing single lipids or a small subset of lipids of interest. A single technique that would allow quantitative and qualitative analysis of all major classes of lipids (preferably at the same time) would be of significant use for analysis of lipids and lipid-mediated signaling events during the wound healing process. In this regard, high-performance liquid chromatography atmospheric pressure ionization tandem mass spectrometry (HPLC API-MS/MS) currently offers the best technique in terms of versatility and accuracy required. Here lipids are separated by their chemical nature by HPLC, converted to gas phase ions by an ambient pressure method such as electrospray, photo or chemical ionization, and finally identified and quantified by

continued next page
the mass to charge ratio of intact lipids and/or their characteristic fragment ions.

We and others have successfully employed HPLC API-MS/MS methods in the quantitative and qualitative analysis of a majority of the lipid species known, or suspected of having roles in wound healing. Currently these methods can quantitate nearly the full complement of complex lipid classes such as the eicosanoids, sphingolipids, steroid hormones, and phospholipids, as well as vitamins, cholesterol endocannabinoids, etc. In terms of analytical diversity and accuracy, HPLC API-MS/MS is currently unsurpassed by any other techniques available for lipid analysis and its use to investigate lipid signaling events during wound healing is well warranted.

In conclusion, lipids are highly relevant and yet under-investigated components of the wound healing process both from a structural and a signaling standpoint. Therefore, monitoring of their qualitative and quantitative changes during wound healing is necessary for a complete understanding of this process. Such an understanding will help identify how and when these signaling events are dysregulated and what roles these dysregulations play in the formation of chronic non-healing wounds or formation of hypertrophic scars and keloids. The technology required for such in-depth analysis of lipid changes is available, but rarely used in wound healing research. While application of the technology still requires a significant learning curve, it is worth the effort and expense to explore the use of this method given the potential lipid-based treatment regimes that may be identified.

References:


LIFETIME ACHIEVEMENT AWARD NOMINATIONS

Submission deadline December 15, 2011

Dear Colleagues:
The WHS Awards Committee is seeking nominations of individuals for the “Lifetime Achievement Award.” This award recognizes the lifetime work of an individual who has provided leadership or made a significant discovery in the field of wound healing, furthered the advancement of wound care and research, or done significant work as an advocate for research in the field of wound healing. This award is presented every other year at the WHS annual meeting.

For a detailed description of the Award and nomination guidelines please visit http://www.woundheal.org/lifetime-achievement. Nominations for this award must be submitted to the Wound Healing Society by December 15, 2011.

The nomination materials should include a nomination letter outlining the nominee’s achievements and merits for this award, letter of support from at least two (maximum of 5) other WHS members in good standing, and the nominee’s CV. Send your nomination materials to the address below.

Wound Healing Society
Attn.: Phil Pyster, EVP
Lifetime Achievement Award Nominations
341 No. Maitland Avenue
Suite 130
Maitland, FL 32746
407-647-8839 phone
407-629-2502 fax
www.woundheal.org

Thank you for taking the time to honor members of our society.

Sashwati Roy
Chair, WHS Awards Committee
Our Fourth Fantastic Scientific Meeting was held in beautiful San Francisco in May 1994. Tom Hunt and Harriet Hopf hosted the meeting and the venue was in the world-famous Mark Hopkins Hotel. Elizabeth Fini of the Mass General Hospital chaired the first session and Peter Ward from the University of Michigan Medical School gave the opening plenary presentation on “Adhesion Molecules in Injury and Inflammation.” This was followed by a series of abstract presentations related to adhesion molecules. Tom Mustoe chaired the second session and Patricia D’Amore from Harvard spoke on “Cell-cell Interactions in Vascular Growth Control,” followed by five more abstract presentations.

Lunch on the first day was held in the world renowned “Top of the Mark” restaurant with magnificent wrap-around views of San Francisco! After lunch, Judy Abraham chaired a session where Rich Phipps from the University of Rochester spoke on the “Fibroblast Heterogeneity.” More related abstract presentations followed prior to a session chaired by Kel Cohen where Steven Reed of the Infectious Disease Center delivered a talk on “Regulation of TGF by Protozoan Parasites.” The last session of the day ended with presentations by the Young Investigators.

The second day was kicked off with a session chaired by Pat Hebda, where we discussed Clinical Management of Wounds with a series of topic-related abstract presentations. There were five more simultaneous sessions of abstract presentations on day two and included: Extracellular Matrix/Receptors (Chaired by Richard Clark); Cellular Targets (Greg Schultz, chair); Growth Factors (Jeff Davidson, chair); Protein Synthesis and Degradation (Chaired by Mike “the VAC” Morykwas); and, finally, Skin and Miscellaneous Topics, chaired by Tom Hunt.

Lunch on the first day was held in the world renowned “Top of the Mark” restaurant with magnificent wrap-around views of San Francisco! After lunch, Judy Abraham chaired a session where Rich Phipps from the University of Rochester spoke on the “Fibroblast Heterogeneity.” More related abstract presentations followed prior to a session chaired by Kel Cohen where Steven Reed of the Infectious Disease Center delivered a talk on “Regulation of TGF by Protozoan Parasites.” The last session of the day ended with presentations by the Young Investigators.

The afternoon began with Kel Cohen’s Presidential address and awards and then a plenary session on Extracellular Matrix chaired by Bill Lindblad. During this plenary session we heard from Bryan Toole from Tufts University on “Hyaluronan Receptors in Cell Migration”; Elizabeth Fini, of Mass General Hospital on “Regulation of the Lytic Component of Repair Tissue Remodeling”; and Erkki Ruoslahti of La Jolla Cancer Research Foundation on “Regulation of Cell Growth and Migration by Extracellular Matrix Interactions.” The day ended with a lively business meeting.

The final half-day of the meeting ended with a session chaired by Katie Sprugel where Andrew Baird of the Whittier Institute presented his work on “Fibroblast Growth Factors and Their Receptors in the Injury Response.” More abstract presentations followed and then David Greenhalgh introduced Robert Sapolsky of Stanford University who gave us a fascinating lecture on “Relationships Among Rank, Personality and Physiology in Wild Baboons: is This Relevant to Wound Healing?” There were five final abstract presentations before some final remarks and the Board of Directors’ meeting.

This two and half day meeting was chocked full of very informative and exciting presentations by our invited speakers as well as from our members. Overall there were 79 oral abstracts presented and 64 poster presentations. By the end of the meeting, many new friends were made and new collaborations were established. What a Dynamite Meeting!!!

And that’s the way it used to be….
The WHS Awards Committee is composed of eleven active members. Since the annual meeting, the committee has met several times to plan and execute the work of the committee in preparation for the awards to be given at the WHS meeting in April 2012. Several important tasks were undertaken this year, including preparation of a detailed budget for all the awards, as well as revising the awards write-up on WHS website with more uniform formats for all the awards. I am pleased to report that both tasks have been completed. Special thanks go to Barbara Pieper, Traci Wilgus, and Susan Opalenik on the committee for helping to complete these tasks on time.

Another major achievement of this committee that I would like to share with you is the establishment of a new award in translational research for the Society, namely, the “Organogenesis Award for Excellence in Translational Regenerative Science.” A proposal prepared by Vandewater Livingstone, Praveen Arany, and myself was submitted in August 2011 to Organogenesis requesting them to support the award. Luisa Di Pietro established this contact last year. Organogenesis has agreed to fund the proposal. The award will be presented for the first time at the 2012 Annual Meeting to recognize scientific work that fosters the development of cell-based and other therapies in wound healing and regenerative medicine toward clinical applications.

Currently, the WHS Awards Committee is seeking nominations of individuals for the “Lifetime Achievement Award.” For a detailed description of the Award and nomination guidelines please visit http://www.woundheal.org/lifetime-achievement. Nominations for this award must be submitted to the Wound Healing Society by December 15, 2011.

At present, the committee has also initiated the selection process for the Anita Roberts Award.
Membership
By Deepak Kilpadi, Chair

As we head into the end of the year, it is time to renew our Wound Healing Society memberships and also to encourage non-member colleagues in the field to consider joining our society. It is a good time to review why it makes sense in being members of WHS:

WHS offers terrific opportunities for interactions with leaders in wound healing research, industry, and health care policy. This is facilitated by:

• The registration discount to the annual meeting - make sure to attend SAWC & WHS 2012, Atlanta, GA, April 19-22, 2012.
• Listing on and online access to the online Membership Directory.
• Free website listings for wound care clinics and more recently for research laboratories.
• All members are eligible to become committee members – join a committee!
• Membership also provides a both hard copy and online access to Wound Repair and Regeneration, which is acknowledged as the premier peer-reviewed publication in the field.
• Authors who are WHS members are offered reduced costs for color printing in articles published in Wound Repair and Regeneration.
• The website provides free job postings.
• Members get a discount on the annual WHS Yearbook: Advances in Wound Care.

WHS provides a way for giving back to society at large with member participation in surveys and reports that have a direct impact on the regulatory decision process and on the development of guidelines for treatment of specific types of wounds. Conversely, WHS emails members timely critical information on legislative and regulatory development making a direct impact on policy and guidance.

In addition, the current issue of the newsletter is available only to members and provides career development advice, critical information on advances in the field, and keeps us informed about important people, meetings, and events.

We are glad to report that the membership dues will not increase for 2012. Remember there are discounts for members who are students or seniors and for those in the military/government. You can renew online at www.woundheal.org and LOGIN at the top left hand side with your username and password.

You matter! You make the society what it is - rejoin today, join a committee, make a difference! We hope to see you in Atlanta.

Website
By Kris Kieswetter, Chair

The Website Committee has been updating and streamlining the look of the site, as well as investigating how best to use social media to further the society’s mission. The society needs both further communication amongst its members and to provide a vehicle for communication to the general public. With respect to the former, the issues of privacy and secure communication have received considerable deliberation. A short questionnaire is being prepared for the membership to gather input regarding how best to utilize this medium and to garner feedback and input on the newsletter. We look forward to your input.

In the interim, the Website Committee is beta testing a new private network feature available by our website provider, MemberClicks®. Other sites such as LinkedIn and Facebook will continue to be explored. The Committee welcomes participation by individuals with this expertise. Feedback and suggestions from the membership on these topics is encouraged and can be sent to info@woundheal.org or kieswetk@kci1.com. If you are interested in working on the committee, please respond to the email addresses above.
Advances in Wound Care, Volume 2

The second in an annual book series, *Advances in Wound Care* synthesizes the latest clinical and research developments and serves as a comprehensive reference for wound care professionals, both the experienced as well as trainees and others new to the field. Published in conjunction with the Wound Healing Society, each new annual edition provides simple yet authoritative information on the latest wound care strategies and procedures. Seminal basic science discoveries are highlighted with the intent to explore the future potential in wound care.

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*Offer expires December 31, 2011*

For more information and to read a sample chapter, please visit: [www.liebertpub.com/adwc2](http://www.liebertpub.com/adwc2)
The Wound Biotechnology Foundation (WBF) has as its primary mission the promotion of educational and research activities aimed at advances in tissue repair, wound healing, and regeneration. These activities are based on the belief that, ultimately, major advances in science and biotechnology will overcome the necessity for the standard wound care steps presently accepted and necessary to offset failure to heal.
We are a leading global medical technology company devoted to the discovery, development, manufacture and marketing of innovative, high-technology therapies and products for the wound care, tissue regeneration and therapeutic support system markets. Our history is deeply rooted in the innovation and passion of improving the healing and the lives of patients around the world.

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