

Skinergy

SPRING 2009

**INSIDE
THIS ISSUE:**

Department Announcements	2
Murdough Family Center for Psoriasis	3
BRB/ Mycology Updates	4
Grants/Awards	4
Resident Retreat News	5
ASDP/ AAD Meeting	6
Keystone Symposium	
2009 SID Meeting	7
Faculty Presentations	8
Clinical Trials	9
SDRC	9
Upcoming Symposiums	9
Upcoming Meetings	10
MEDWISH	10
Publications	11-13

Message from the Chairman

Greetings and Congratulations on surviving another Cleveland Winter! The rapid return of daylight and the greening of Northeast Ohio is always a welcome site. Fortunately, the Department has lots of clinical challenges, educational initiatives, and NIH proposal deadlines to keep us busy during the long winter months.

Those long winter nights of writing have not been in vain. We have been very fortunate again this year to receive several Dermatology Foundation Awards including continuing career development support for Drs. Jeremy Bordeaux and Kurt Lu, as well as a newly awarded Research Fellowship for Dr. Marie Tuttle. Congratulations to all!

Additionally, Dr. Nicole Ward has been awarded a prestigious National Psoriasis Foundation Research Grant based upon her new murine model of psoriasis. We are also very pleased to report that the Department has been awarded a highly competitive T32 Training Grant from NIAMS for dermatologist and Ph.D. education in skin sciences.

As many of you know, the American Recovery and Reinvestment Act is an unprecedented effort to jumpstart our economy, including addressing challenges on the medical research front. New exciting opportunities are arising in basic and clinical research areas, and our research faculty are even busier preparing applications to advance dermatological areas of research and discovery. The Department of Dermatology is in prime position to bring some of these efforts to Northeast Ohio.

In addition to our research efforts, our residency programs are fully engaged in the education of our residents. Dr. Nedorost has done an exemplary job at taking over the reins as the Residency Director with continuing support from Dr. Brian Davis as the director emeritus and Dr. Tamburro as Osteopathic Program Director. It is just around the corner that we will welcome a new incoming class of first year residents and bid farewell to our senior residents. As always, our residents have excelled and been accepted to prestigious fellowship positions and practices.

This year begins a multi-year phase out of our joint residency with MetroHealth Medical Center. Metro will initiate a separate residency program as a result of the continued growth in dermatology in the Cleveland area. We are grateful to the Metro Faculty and Staff for their participation in our residency and wish them continued success in their own residency program. As members of faculty of CWRU's Department of Dermatology, we will continue to work together on our CWRU-based medical student education and research, as well as Cleveland Dermatological Society meetings.

Without the dedicated effort of our Staff and Faculty our department would never achieve and succeed in our mission To Heal. To Teach. To Discover. Thanks to everyone, Happy Spring and continued success for the Summer months and beyond!

Best Regards,
Kevin D. Cooper
Professor and Chair, Department of Dermatology



Kevin D. Cooper, MD
Professor and Chair
Department of Dermatology

Department Announcements

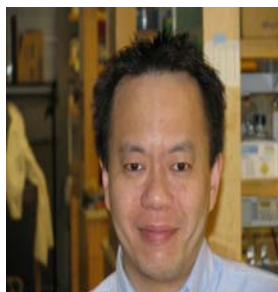
Please welcome the newest Dermatology faculty and Department members

Kathleen Chohaney, FNP



We are pleased to announce that Kathleen Chohaney, FNP has joined the Dermatology Department as our newest Nurse Practitioner. Kathleen has trained with Drs. Cooper, Korman, Tamburro, Garcia and Klemme. Kathleen has many years of nursing experience and in January 2000, achieved her Master's of Science in Nursing- Family Nurse Practitioner from Case Western Reserve University. Kathleen has worked as a Nurse Practitioner for Minute Clinic, Cleveland Veterans Hospital and Metro Health Medical Center. Kathleen's extensive experience is very diverse, ranging from working with Family Medicine, Emergency Department, and Burn Intensive Care Unit patients. In addition to her clinical nursing duties, Kathleen has also served as Principal Investigator in two Clinical Research Studies, as well as, providing ongoing education to students at CWRU Frances Payne Bolton School of Nursing Master's program, co-workers, and patients.

Derek Chan, M.D., Ph.D.



Derek joins the Department after completing an intern year in Medicine at University Hospitals of Cleveland/Case Medical Center. He brings with him extensive experience in cellular immunology, along with experience in molecular biology. Prior to locating to Cleveland, he lived in the Boston area and earned his M.D. and his Ph.D. in Pathology from Boston University School of Medicine. His dissertation focused upon T cell regulation and programmed cell death as well as the development and characterization of novel cancer immunotherapies. Currently, Derek works as the Cutaneous Oncology Fellow and post-doctoral researcher focusing upon activated regulatory T cells as well as the development of novel reagents to recognize unique surface marker(s). Derek is also an accomplished musician, having trained at the Eastman School of Music in Rochester, NY, his hometown. Derek is also interested in gourmet cooking, sailing, and travel. Welcome Derek!



**Murdough Family
Center for Psoriasis**

Benjamin Bohaty



Case Western is delighted to present Ben Bohaty, B.S. as one of the newest members of the CWRU research team. Ben is a graduate of Miami University and is currently between his second and third year of medical school education at Northeastern Ohio Universities College of Medicine. Ben gained pre-clinical research experience with Charles River Laboratories in Spencerville, Ohio before he entered into medical school. He continues to stay dedicated to research and is pursuing a career in dermatology. As a team member of the Murdough Family Center for Psoriasis, Ben's goal is to provide leadership in creating and translating advances in psoriasis research to patient care. In collaboration with Dr. Kevin Cooper and Tom McCormick, Ben is in charge of the day to day operations of the clinical trial entitled "Mechanistically-based Optimization of UV Radiation Therapy in Psoriasis," which seeks to improve the treatment strategies for Psoriasis. He also is working under the expert guidance of Dr. Susan Nedorost to coordinate an industry sponsored study concerning patch testing and the utilization of newer evaluation methods to distinguish between allergic and irritant contact dermatitis. We are thrilled to have Ben as a part of our research team and we wish him the best of luck.

Murdough Family Center for Psoriasis Capitol Hill Day


Kathy Kavlick R.N.

Murdough Family Center for Psoriasis Community Outreach Nurse

Capitol Hill Day was held February 22nd-23rd, 2009 in Washington D.C. More than 100 volunteers with psoriasis and /or psoriatic arthritis participated in this event held by the National Psoriasis Foundation. I am excited to say that my son Kevin and I were able to be among those who participated. Even though neither of us have psoriasis we were there, to be strong advocates for those who could not make the trip.

The annual event gives patients and advocates a chance to travel to the nation's capitol to meet with their U.S. Senators and Representatives regarding psoriasis and psoriatic arthritis. Kevin and I represented the Ohio delegation. We spoke with the Health LaTourette's, Rep. Bocchieri's, Senator Voinovich's and Senator Brown's offices. In each of these meetings we were able to discuss first hand the challenges that people with Psoriasis and Psoriatic Arthritis meet on a daily basis and debunk the myths associated with psoriasis through statements to be included in the congressional record and articles in their newsletters. Other items listed for discussion include but were not limited to the need for increased care efforts for those with psoriasis and /or psoriatic arthritis; increase in money to support research to one day provide a cure; and increased awareness through the "Fair Shake" campaign. You may be aware of the reasoning behind the first few points but are wondering what the fair shake campaign is all about. The fair shake program calls upon the psoriasis community to reach out to their members of congress to continue the conversations that are started in Washington. The partnership is shown through a photograph with the congressional leader and the advocate shaking hands. While in Washington Kevin and I participated in the Fair Shake Campaign with Senator Sherrod Brown (photo).

I feel this was a very positive experience for Kevin and me; and a very educational experience for the health liaisons. I found that psoriasis and psoriatic arthritis are diseases not well known or understood in the legislative community even though about 294,000 people in Ohio are afflicted with one or both diseases. Hopefully, the information we shared will be passed along to others.

When all was said and done this was a great experience and a great venue to share ideas and possible solutions for change. I would encourage anyone who ever is presented with the opportunity to have such an experience and be of a group that can make a difference to others to jump in with both feet.

The Murdough Family Center for Psoriasis is a Proud Sponsor of:


The National Psoriasis Foundation's Walk for Awareness

Cleveland/Akron

Saturday, May 30, 2009

At the Cuyahoga Valley National Park

If interested in helping or forming a walk team, please contact Kathy Kavlick, R.N. at

216-844-0313 or Kathleen.Kavlick@uhhospitals.org or register online at www.psoriasis.org

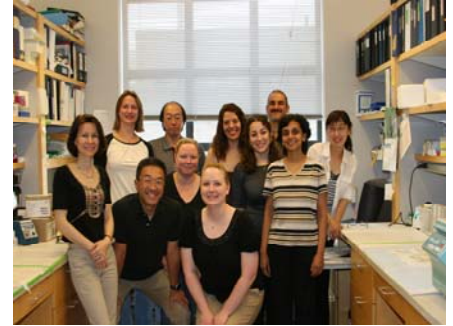
BRB Updates

We would like to extend a warm welcome to the latest members of the Dermatology BRB research team. Ms. Candace Matheny has joined Dr. Nicole Ward's laboratory. Medical Students Jenny Dvorkin and Ben Bohaty have joined Dr. Pratima Karnik's laboratory and Dr. Kevin Cooper's laboratory, respectively. Welcome to everyone. In addition, we are very pleased to welcome back Dr. Kurt Lu to the laboratory! Dr. Lu has just started his independent research lab and is hiring new fellows and post-docs!

We are also very pleased to inform everyone that Ms. Jessica Massari from Dr. McCormick's laboratory has been accepted into Dental School at The Ohio State University. Jess starts school in August 2009. You'll be missed Jess!

We are all also very proud of Dr. Kati Ferenczi, who accepted a dermatopathology fellowship position at the University of Pennsylvania. Dr. Ferenczi will start in her new position July 1st, 2009. You will also be missed Kati!

We also extend our best wishes to Mr. Andrew Hsia from Dr. Baron's laboratory who will be leaving Dermatology to accept another research assistant position. Best of Luck Andrew!



Mycology News

All Mycology reports are now available on the Physician's Portal for all our doctors and residents.

Mycology Updates



Congratulations!

Dr. Pranab Mukherjee was recently awarded the NIH R21 Exploratory/Developmental Research Grant. The title of Dr. Mukherjee's grant is Role of Extracellular Matrix Proteins in *Candida* Biofilm Formation.

Dr. Mahmoud Ghannoum has been awarded the Billy Cooper Award of the Medical Mycological Society of the Americas for 2009. The annual B. Cooper Award is in recognition of an outstanding contributor to the practice of diagnostic clinical mycology. Dr. Ghannoum's combined strengths in outstanding laboratory research and clinical service distinguished him for this award.

Danielle Royer has been accepted to the Ohio State School of Dentistry program and thus will be leaving us this summer. Rachel Kulesza will be completing her training as a Medical Assistant this June.

Grants and Awards

Dermatology Foundation

Jeremy Bordeaux, MD, MP

Dr. Bordeaux was awarded an additional year of support for the Clinical Career Development Award for Dermatologic Surgery and the American Society for Dermatologic Surgery Cutting edge research grant

Kurt Lu, M.D.

Dr. Lu was awarded an additional year of support for the Physician Scientist Career Development Award

Marie Tuttle, M.D.

Dr. Tuttle was awarded the Dermatologist Investigator Research Fellowship grant: Evaluating Microbial Diversity in Wounds and the Effect of Biofilms on Wound Healing.

Minh Lam, Ph.D.

Dr. Lam was awarded an American Cancer Society IRG pilot Grant from the Case Comprehensive Cancer Center.

Kevin D. Cooper, M.D.

Dr. Cooper was awarded:

July 2008

Arthur Rook Oration,
British Association of Dermatologists Annual Meeting, UK
President Elect, Association of Professors of Dermatology
Maison G. deNavarre Medal Award, Society of Cosmetic Chemists, NY

Oct 2008

Dec 2008

March 2009

Marion B. Sulzberger Memorial Lectureship, American Academy of Dermatology, San Francisco, CA

April 2009

Dohi Lectureship, Japanese Dermatologic Association, Fukuoka, Japan

Nicole Ward, Ph.D.

Dr. Ward was awarded a prestigious National Psoriasis Foundation Research Grant based upon her new murine model of psoriasis.

Case Western Reserve University/ University Hospitals Case Medical Center Dermatology Residency Program



Susan T. Nedorost, MD
Allopathic Residency
Program Director



Joan Tamburro, DO
Osteopathic Residency
Program Director

Case Western Reserve University Dermatology Resident Research Retreat Holiday Valley Ski Resort and Conference Center February 6-7, 2009

The residents had lively discussions amongst residents and attendings regarding projects. The first years discussed their plans and got suggestions on how to achieve their goals. Second years gave updates on what they have done so far mostly including preliminary results. Third years presented their final project and discussed how they can go about getting them published or included in a larger project/paper.

Presentations:

Katalin Ferenczi, MD
Margaret Kessler, MD

Increased cell surface Ku70/Ku80 expression on T cells following apoptosis or activation inducing signals

Marie Tuttle, MD

Wounds and biofilms: understanding the effects of biofilm on wound healing and evaluation of agents to prevent and treat biofilms

Susan Keiler, MD

Randomized controlled trial of two topical antiseptic preparations on bacterial density and lesion severity in children with atopic dermatitis

Todd Kreitzer, DO

Travis Lam, DO
1064 Nd:YAG laser treatment of pseudofolliculitis barbae in pigmented skin

Janine Miller, MD

The 308nm: Excimer laser for the treatment of oral lesions: a pilot study

Heather Volkman, DO

The genetic basis of skin disease in twin pairs and their families

Autumn Potaracke, DO

Fractional photothermolysis for the treatment of photodamaged skin and atrophic scars: molecular mechanisms of dermal remodeling with clinical and histological correlations

Tina Rakkhit, MD

Acquisition of BRAF mutation in metastatic melanomas with BRAF negative primary tumors



Eun Ji Kwon, MD

Chemokine receptor expression in lymph node metastasis of cutaneous squamous cell carcinoma and Merkel cell carcinoma

Shannon Routhouska, MD

A prevalence study measuring cardiovascular disease risk in psoriasis patients compared to controls

Maria Robinson, MD

Angela Brimhall, DO

The effect of short term treatment of psoriasis with systemic therapies on endothelial cell dysfunction

Amy Helms, MD

The development of a standard mouse model Psoriasis Area and Severity Index to evaluate the degree of improvement following administration of anti-TNF alpha antibodies and further validate mouse psoriasis models

Peggy Myung, MD, PhD

The contribution of the dermal papilla and dermal wnt signaling during hair follicle neogenesis and the hair cycle

2008 ASDP MEETING

Cutaneous metastasis of urinary bladder small cell neuroendocrine carcinoma

Eun Ji Kwon, M.D.; Rishi R. Patel, M.D.; Travis Lam, D.O.; Kord Honda, M.D.

Perforating Folliculitis in a Patient with Cystic Fibrosis

Eun Ji Kwon, Marie S. Tuttle, Joan Tamburro, Kord Honda

Common blue nevus of the caruncle

Eun Ji Kwon, Andrew Esposito, Rahul Reddy, Edward Burney, Medhat O. Hassan, Kord Honda.

Epithelioid angiosarcoma of the leg

Maria Robinson, Shannon Routhouska, Jeremy Bordeaux, and Kord Honda

Pseudocarcinomatous Hyperplasia with Follicular Differentiation Overlying Basal Cell Carcinoma. Marie Tuttle

2009 AAD MEETING

Kevin Cooper, M.D.

Mechanisms Underlying Atherosclerosis and Psoriasis

Jeremy Bordeaux, MD, MPH

Focus Session Director: Conceptual Reconstruction

Critical Anatomy Made Simple

- Aesthetic Design of Routine Closures

Jorge Garcia-Zuazaga, M.D.

- Focus Session Director: -Cutaneous Squamous Cell Carcinoma: Advances in therapy and management

Neil Korman, M.D., Ph.D.

- Should One of the Goals of Psoriasis Treatment be Controlling Cardiovascular Disease?

Mycology

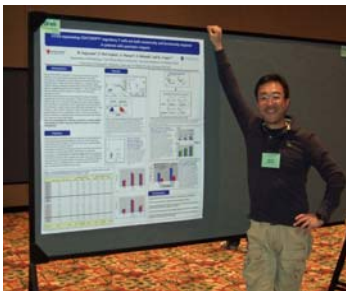
- Antifungal Activity of Terbinafine against Dermatophytes Obtained from Patients with Onychomycosis, **A Welshenbaugh, A Parneix-Spake, S Hugot, and M Ghannoum**

- Efficacy of NVC 422 in the Topical Treatment of Dermatophytosis in a Guinea Pig Model, **L Long, HG Kim, A Cirino, P Ho, K Sharma, B Memarzadeh, E Memarzadeh, and M Ghannoum**

Susan Nedorost, M.D.

- Occupational and contact dermatitis course: Patch testing techniques, materials, Interpretation, relevance
- Faculty and development committee Maintenance of Certification Contact Dermatitis Module and Course
- Director Occupational and Contact Dermatitis Symposium ; "Management of dermatitis without an identified allergen."

2009 Keystone Symposia



Hideaki Sugiyama, MD, PhD.

Regulatory T Cells (C5)

Dates: March 1-March 6, 2009

Location: Keystone Resort, Keystone, Colorado

Abstract:

Hideaki Sugiyama, Thomas McCormick, Jessica Massari, Shinji Shimada, and Kevin Cooper

Poster Title: CCR5 expressing CD4+CD25high regulatory T cells are both numerically and functionally impaired in patients with psoriasis vulgaris.



Wendy Goodman

Regulatory T Cells (C5)

Dates: March 1-March 6, 2009

Location: Keystone Resort, Keystone, Colorado

Abstract:

Wendy Goodman, Alan D. Levine, Jessica V. Massari, Hideaki Sugiyama, Thomas McCormick, Kevin D. Cooper

Poster Title: Regulatory T cell dysfunction in psoriasis: Role of IL-6.



2009 SID MEETING



69th Annual Meeting
May 6-9 • Montreal, Canada

***Psoriasis Activation of Monocytes and Dendritic Cells**

Kevin Cooper, MD, Professor and Chairman, Department of Dermatology

Photodynamic therapy with the silicon phthalocyanine Pc 4 induces Bcl-2 photodamage and reduction of CD45RB in the epidermis of Mycosis fungoides patients.

M Deng, AH Hsia, M Lam, Y Liu, LY Xue, ME Kenney, NL Oleinick, KD Cooper and ED Baron.

Decreased T cell expression of the anti-apoptotic protein Ku70 in CTCL skin lesions.

K Ferenczi, J Ohtola, P Aubert, M Kessler, H Sugiyama, S Matsuyama, T McCormick and KD Cooper.

Impaired psoriatic CCR5+ regulatory T cells exhibit reduced migratory capacity toward CCR5 ligands.

H Sugiyama, T McCormick, J Massari, S Shimada and K Cooper.

Impaired psoriatic CCR5+ regulatory T cells exhibit reduced migratory capacity toward CCR5 ligands.

H Sugiyama, T McCormick, J Massari, S Shimada and K Cooper.

Phenotypical and functional analyses of ectoenzyme CD39/CD73 expressing CD4+CD25high regulatory T cells in human peripheral blood.

L Han, J Massari, Z Zheng, J Xu, T McCormick, K Cooper and H Sugiyama.

***Surgical denervation of skin using the KC-Tie2 mouse model of psoriasis eliminates dendritic cells and markedly improves acanthosis and angiogenesis.**

SM Ostrowski, JA Wolfram, AM Belkadi, DA Hatala, W Fu, D Diaconu and NL Ward.

Functional and phenotypic characterization of LRRC32+ and LRRC32-regulatory T cells.

DV Chan, A Somani, A Young, J Massari, E Garaczi, H Sugiyama, K Cooper and T McCormick

Psoriatic patient cardiovascular event surrogates in relation to markers of systemic inflammation, lipids and disease severity.

LY Cao, I Grozdev, RL Feig, TL Carman, DC Babineau, EF Kern, BR Bohaty, TS McCormick, KD Cooper and NJ Korman.

Decreased T cell expression of the anti-apoptotic protein Ku70 in CTCL skin lesions.

K Ferenczi, J Ohtola, P Aubert, M Kessler, H Sugiyama, S Matsuyama, T McCormick and KD Cooper.

***Cardiovascular risk factors and stroke are increased in psoriasis patients compared to the US population.**

I Grozdev, LY Cao, DC Babineau, EF Kern, TS McCormick, KD Cooper and NJ Korman.

Cross-talk between AHR and PPAR gamma signaling pathways in Cicatricial Alopecia.

LF Xu, P Mirmirani, VH Price, TS McCormick, KD Cooper and P Karnik.

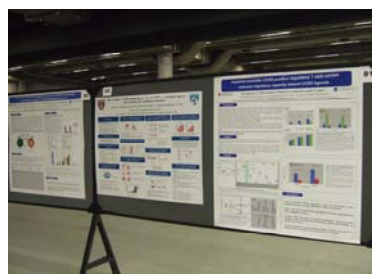
***Early critical events after photodynamic therapy with the silicon phthalocyanine Pc 4: Evidence for photodamage to ER proteins and Ca2+depletion.**

M Lam, ME Rodriguez, SJ Howell, L Xue, MC Davis, CW Distelhorst, ME Kenney, NL Oleinick, TS McCormick, KD Cooper and ED Baron.

Photodynamic therapy with the silicon phthalocyanine Pc 4 induces Bcl-2 photodamage and reduction of CD45RB in the epidermis of Mycosis fungoides patients.

M Deng, AH Hsia, M Lam, Y Liu, LY Xue, ME Kenney, NL Oleinick, KD Cooper and ED Baron.

*** Oral Presentations**



Dermatology Faculty Presentations

Elma Baron, M.D.

Dr. Baron is invited to present her work on Photodynamic Therapy at the International Photobiology Congress in Dusseldorf in June 2009.

Jorge Garcia-Zuazaga

Dr. Garcia-Zuazaga

Presented at the David Satcher Lecture Series. Skin Cancer Update.

- Skin Cancer in Organ Transplant Recipients - presentation to the Transplant Team, UHMC
- Grand Rounds, Family Medicine Residency - Cutaneous Manifestation of Systemic Disease
- AAD Summer Meeting, Focus Session - Basal Cell Carcinoma - Evi-

Minh Lam, Ph.D.

Dr. Lam was invited for an Oral presentation at the 34th Scientific Meeting of the American Society for Photobiology in Burlingame, CA.

Pratima Karnik, Ph.D.

Dr. Karnik was invited to present her work that defines a novel therapeutic target in inflammatory alopecia at the North American Hair Research Society symposium at the Society for Investigative Dermatology Meeting.

- Title: "Cross-talk between AHR and PPAR gamma signaling pathways in Cicatricial Alopecia. LF Xu, P Mirmirani, VH Price, TS McCormick, KD Cooper and P Karnik.

Dr. Pratima Karnik has also been invited to present her research on cicatricial alopecia at the 10th International Congress of Dermatology meeting in Prague, Czech Republic.

Neil Korman, M.D., Ph.D

Dr. Korman presented :

- "A Systemic Approach to Psoriasis: An Inflammatory Skin Disease That is More Than Skin Deep" Lake County Medical Society
- "Psoriasis: A Risk Factor for Cardiovascular Disease?" American Academy of Dermatology, Summer Meeting.
- "Autoimmune Blistering Diseases and Psoriasis: A 21st Century Update" Charlotte Dermatology Society
- "Anti-T Cell Agents for the Treatment of Psoriasis" National Psoriasis Foundation/ American Academy of Dermatology Chief Residents Meeting
- "Systemic Agents for the Treatment of Psoriasis" National Psoriasis Foundation American Academy Dermatology Chief Residents Meeting .
- "Psoriasis Update for 2008" Arthritis Foundation, Cleveland, Ohio
- "Mucous Membrane Pemphigoid" Ophthalmology Grand Rounds, University Hospitals Case Medical Center

Susan Nedorost, M.D.

Dr. Nedorost work was presented at:

- American Contact Dermatitis Society Meeting Relevance of doubtful late patch test readings. Carlson S, Gipson K, **Nedorost S**. American Contact Dermatitis Society Meeting, San Francisco, CA.
- American Contact Dermatitis Society Meeting Physician-patient concordance regarding relevance of positive patch tests. Gipson K, Carlson S, **Nedorost S**.



**Case Western Reserve University
Biomedical Research Building**



Clinical Trials & Studies

Psoriasis

1. Effects of Enbrel (etanercept) upon psoriatic skin when exposed to sunlight.
 - Moderate to severe psoriasis
 - 18 years or older & healthy
 - Twice-weekly Injection
 - 8 week of drug/ 12 week total for study
 - Now Enrolling*
2. Optimization of Excimer laser for Psoriasis
 - Moderate to severe psoriasis
 - 18-80 y.o
 - Treatment with Excimer laser, +/- Imiquid or Steroid
 - Now Enrolling*

3. Psoriasis PC4
 - The use of a photo sensitizing topical drug, PC-4 (formulated here at CWRU) combined with laser light on psoriatic lesions.
 - Now Enrolling FDA*
4. Normal Blood & Skin
 - Patients without skin disease and those with Psoriasis, willing to donate blood and skin biopsies
 - 18 years old or older
 - Off medications 2-4 weeks
 - Now Enrolling*

5. Cardiovascular Risk Factors in Psoriasis
 - Now Enrolling*

Rosacea

1. Effects of Green Tea on Rosacea
 - Facial redness
 - Lotion application
 - 18 years or older
 - Now Enrolling*

Lichen Planus

1. -Moderate to severe Lichen Planus
 - 18 years or older
 - Off medication for 2 weeks
 - Never had cancer of the mouth
 - Must not use chewing tobacco
 - 2 week study/ 4 appointments
 - Now Enrolling*

Oropharyngeal Candidiasis

1. A Phase III, Open-label, randomized, assessment-blinded clinical trial to compare safety and efficacy of gentian violet oral solution to the of nystatin oral suspension for the treatment of oropharyngeal candidiasis in HIV-1 infected participants in Non-U.S. settings
 - This grant is in the final stages of protocol approval.

For additional information, please contact Christiane Sykes at 216-844-7834



Skin Diseases Research Center

SDRC Lecture

Sponsored by University Hospitals Case Medical Center and Case Western Reserve University School of Medicine
 Dermatology Grand Rounds & Lecture Series 2nd and 4th Thursdays
 7:30 am Grand Rounds: patient viewing - 3100 Bolwell Center
 8:15 am Grand Rounds: patient discussions – BRB Auditorium (BRB 105)
 9:30-10:30 am Speaker Lecture - BRB Auditorium (BRB 105)

June 11, 2009

Sarah Millar, Ph.D.

Wnt signals in the specification, regeneration and neogenesis of ectodermal appendages



Upcoming Symposia



ROCK AND ROLL HALL OF FAME * MUSEUM
 Cleveland, Ohio

**Murdough Family Center for Psoriasis Scientific Symposia
 October 15-16, 2009**

Macrophage Biology and Inflammation: Common Inflammatory Mechanisms in Psoriasis and Atherosclerosis

Plaque x plaque (Plaque²): Are mechanisms of atherosclerotic plaques interacting with mechanisms of psoriatic plaque?

Case Western Reserve University

October 15th– Introduction, Morning session, Lunch, afternoon breakout session.

Evening Reception: Rock ‘N Roll Hall of Fame

October 16th-Morning Session and Lunch

Evening: Departure



Upcoming Meetings & Events

Research Division Faculty Meetings **1st, 3rd, 5th Thursday of every month at 7:30am**

Administrative Meeting-**3rd Thursday of even months. (BRB Conference Room)**

Multidisciplinary Psoriasis Clinic **Last Tuesday of every month 3-5pm Dermatology Bolwell Clinic 3100**

Clinical Division Faculty Meetings **Once a quarter, Thursday at 7:30am (exact date TBA) (Lakeside Conference Room)**

Resident Advisory Committee Meeting **2nd Tuesday of every quarter at 7:30am (Lakeside Conference Room)**

Clinical Site Leads Meeting **4th Thursday of every month at 7:30am (Lakeside Conference Room)**

Murdough Family Center for Psoriasis Meeting **First and Third Tuesday at 9:30am (Lakeside Conference Room)**

Dermatopathology Conference **Dermpath Core is every other Monday 4-5pm (Lakeside Conference Room)**

Multidisciplinary Cutaneous Oncology Programs **Melanoma, Lymphoma, Merkel & Squamous Cell, DFSP conferences: biweekly 4-5pm (Lakeside Conference Room)**

MedWish



MedWish International Saves Lives and the Environment *Local Nonprofit Experiences Growth despite Economic Downturn*

During a time when the news is filled with stories of companies and organizations cutting back on programs and services to accommodate the declining economy, local nonprofit MedWish International is experiencing an alternate reality – unprecedented growth. The organization which is responsible for recovering, recycling and redistributing donated medical supplies, equipment and furnishings to developing countries worldwide witnessed a 600% growth in 2007, a 100% growth in 2008, and is on pace for another 100% growth in 2009. “It’s truly amazing,” declares Executive Director Tish Dahlby.

MedWish International, founded in 1993 by Lee Ponsky, M.D. of University Hospitals Case Medical Center, has a dual mission of saving lives and the environment. By recovering lifesaving items that hospitals must discard due to stringent FDA regulations and sending them overseas as humanitarian aid, MedWish International is able to increase the quality of healthcare available to the poor. In addition, they are decreasing the amount of medical waste clogging our local landfills, creating a cleaner and healthier environment for all. In 2008, MedWish International recovered more than 450,000 pounds of usable medical supplies and equipment; in 2009, the organization is on pace to recover nearly 800,000 pounds. “At this point, we are recovering more than 1,000 pounds per day,” says Dahlby, “which enables us to provide more hope, health and healing to thousands in need.”

The soaring growth of MedWish International can be attributed to the strong desire of medical professionals to “go green”. By seeking out alternatives to simply throwing expired or unwanted medical items in the trash, hospital staff have discovered MedWish and are spreading the word. An increased interest in improving healthcare globally also plays a part. “Many product donors are interested to know that their donations filled a clinic in Honduras or aided individuals devastated by the hurricanes in Haiti,” explains Operations Director Mimi Hable. “There is a strong desire to help others who face obstacles we, as Americans, can only imagine.”

University Hospitals Case Medical Center is proud to partner with MedWish International. Participating in the *Recover, Recycle, Redistribute* program is easy! Simply obtain a kitchen-sized or larger bin and print the supply and equipment list off the MedWish International Web site (www.medwish.org). Then notify Leila Woehrle, UHCMC’s MedWish International point person, of your interest and she will assist you in beginning your program. New volunteers are welcome as we always need new champions for our cause! Participating in the *Recover, Recycle, Redistribute* program requires a minimal time commitment – and yet, the benefits are indescribable. Your efforts help save the lives of thousands around the globe who lack access to basic medical supplies and equipment. Join us today!

Leila Woehrle, RN

Rainbow Babies & Children’s Hospital

T: 216-844-2671

E-Mail: Leila.Woehrle@UHhospitals.org

P: 33162

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