



THE PIGMENTARY SYSTEM: SECURING A PLACE UNDER THE SUN

**XVTH PanAmerican Society for Pigment
Cell Research Conference
PASPCR 2009**

**University of Tennessee Health Science Center
Department of Pathology and Laboratory Medicine
Hamilton Eye Institute**

SEPTEMBER 4-7, 2009

TOPICS

- *Biochemistry, Chemistry, and Biophysics of Melanin Pigmentation*
- *Cell Biology of Melanin Synthesis*
- *Malignant Transformation of the Melanocyte and Melanoma Progression*
- *Cell Surface and Nuclear Receptors and Their Ligands*
- *Melanocyte Maturation/Differentiation*
- *Oxidative Responses in Melanocytes and Melanoma Cells*
- *Solar Radiation and the Pigmentary System*

SPEAKERS

- + Sergei Grando, MD, PhD (University of California Irvine)
- + F. Holick, MD, PhD (Boston University)
- + Lawrence Pfeffer, PhD (University of Tennessee)
- + Michael Kastan, MD, PhD (St. Jude Children's Research Hospital)
- + Ralf Paus, MD (University of Lubeck)
- + Jack Arbiser, MD, PhD (Emory University)
- + Russel J. Reiter, Ph.D., Dr.h.c.mult. (University of Texas, San Antonio)
- + Edwin Blalock, PhD (University of Alabama)
- + Gregory Barsh, MD, PhD (Stanford University)
- + Andrzej Slominski, MD, PhD (University of Tennessee)
- + Dianna Johnson, PhD (University of Tennessee)

ORGANIZERS

National Organizing Committee:

Andrzej Slominski, MD, PhD (Chair), Frank Meyskens, MD, Gertrude-Emilia Costin, PhD, Prashiela Manga, PhD, John Pawelek, PhD

Local Organizing Committee:

Andrzej Slominski, MD, PhD (Chair), Barrett Haik, MD, FACS, Charles Handorf, MD, PhD, Peter Netland, MD, PhD, Blazej Zbytek, MD, PhD, Barbara Frederick, MPA, Debra Trapp, Leslie Ingram, MS

Website: <http://www.paspcr2009.org>

Contact: info@paspcr2009.org

Meeting description:

The conference will focus on recent advances in pigment cell biology interfacing with other areas of research including neurobiology, endocrinology, immunology, photobiology and cancer research. The program will represent a unique blend of basic, translational and clinical science. It is expected that new avenues in pigment cells research will be discussed and future directions proposed to place this field on the forefront of basic and life sciences.

Target Audience:

Dermatologists, pathologists, basic science researchers from both academic and industrial backgrounds, residents, students interested in current problems of pigment cell research.

Accreditation:

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Methodist Healthcare and the PanAmerican Society for Pigment Cell Research Society. Methodist Healthcare is accredited by the ACCME to provide continuing medical education for physicians. Methodist Healthcare designates this educational activity for a maximum of 26 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.



Objectives:

The 2009 meeting of the PanAmerican Society for Pigment Cell Research and suggestively entitled "The Pigmentary System: Securing a Place Under the Sun" will be held in Memphis, TN, to update investigators on the most novel findings in the field of pigment cell research and the clinical advances in skin disease treatment. The main objective of this meeting is to provide a forum for basic researchers and clinicians to meet and share data on the complex field of skin pigmentation with its wider implications in human health, environmental effects of solar radiation and racial diversity. We expect to achieve a better understanding of the process of melanin pigmentation at molecular, cellular and entire organism levels that might lead to more effective treatments for pigmentary disorders ranging from rare genetic pigmentary abnormalities to autoimmune disorders of pigmentation and skin malignancies. The 15th Annual Meeting carries the theme 'The Pigmentary System: Securing a Place Under the Sun' to address topics related to the mechanism by which pigmentation offers protection from



the damaging effects of the sun and how pigmentation is affected in a wide array of pigmentary disorders. Recent advances in pigment cell biology interfacing with other areas of research such as dermatology, basic biology, neurobiology, endocrinology, immunology, photobiology, ophthalmology, pathology, biochemistry, chemistry, physics and cancer research will be presented. Importantly, realizing that pigmentation is also the basis for racial discrimination with an impact for the individual well being and for the society as a whole, the PanAmerican Society for Pigment Cell Research opens the necessary space for discussion on health and social issues. The program will encompass unique blend of basic, translational and clinical sciences. It is expected that new avenues in pigment cells research will be discussed and future directions proposed to place this field on the forefront of basic and life sciences.

Our Sponsors:

DIAMOND Corporate Patron:	Johnson & Johnson Consumer Companies
GOLDEN Corporate Patron:	Amway Corporation Unilever
SILVER Corporate Patrons:	L'Oréal Memphis Dermatology Clinic Procter and Gamble Company
BRONZE Corporate Patrons:	Avon Products, Inc. Baptist Memorial Health Care Corp

Call for abstracts:

Abstracts can be submitted in the following categories:

- ✚ Biochemistry, Chemistry and Biophysics of Melanin Pigmentation
- ✚ Cell Biology of Melanin Synthesis
- ✚ Malignant Transformation of the Melanocyte and Melanoma Progression
- ✚ Cell Surface and Nuclear Receptors and Their Ligands: Regulation of Melanocyte/Melanoma Behavior
- ✚ Melanocyte Maturation/Differentiation: Developmental and Cellular Biology
- ✚ Oxidative Responses in Melanocytes and Melanoma Cells
- ✚ Melanocyte Response to Solar Radiation Pigmentary Disorders: Genetics, Etiology, Pathology and Therapy
- ✚ Pigmentary System of the Eye
- ✚ Other

Abstracts can be submitted only **online** at: <http://www.paspcr2009.org>.

Abstracts can be submitted from **February 10 to May 1, 2009**. Abstract submitted after May 1 will not be published in the Pigment Cell and Melanoma Research, but will be considered and included as an appendix to the meeting Program and Abstracts booklet.

Abstracts length should not exceed **250 words**.

Accepted abstracts will be presented either orally or in poster format. Authors will be informed about acceptance of abstracts and their format (poster, oral, or poster and oral).

Registration:

A registration form is included on the last page or you may register online at <http://www.paspcr2009.org>.

Accommodations:

Please make your accommodation arrangements directly with the hotels. These hotels listed are offering discounted room rates for our meeting attendees.

Memphis Peabody Hotel

149 Union Avenue, Memphis, TN 38103

Tel: (901) 529-4000

Room Rates: Single \$179/night; Double \$179; Triple \$199; Quad \$199/night plus 15.95% tax plus Hotel Service Fee \$9.95 per room per person

For reservations call 1 800 PEABODY (press 2 for Memphis) and identify yourself as a member of the PASPCR. Discounted Room Rates will not be available after August 6, 2009.

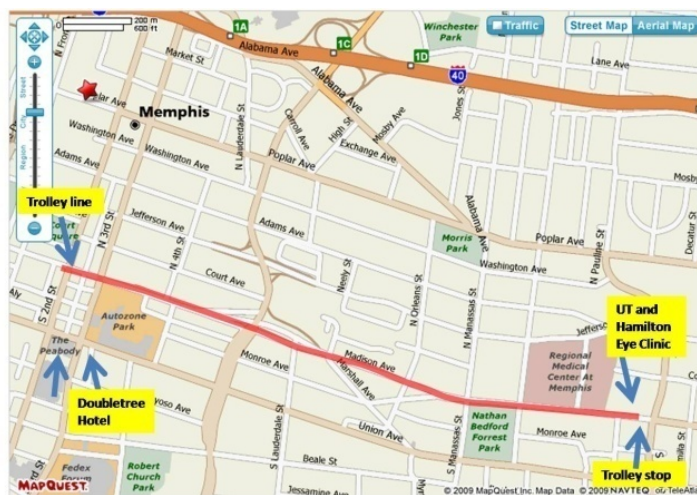
Doubletree Hotel Memphis Downtown

185 Union Avenue, Memphis, Tennessee, 38103

Tel: 1-901-528-1800 Fax: 1-901-525-8509

Room Rates: Single \$90/night; Double \$90/night plus tax
For reservations call 1 901 528 1800 or 1 800 222 TREE and identify yourself as a member of the PASPCR or book on-line at the www.memphisdouletree.com.

Discounted Room Rates will not be available after August 14, 2009.



Transportation

Public transportation

Within walking distance from the hotel is a stop of the vintage **MATA MADISON AVENUE** trolley line. This line runs between downtown and the medical center. Fare is \$1 per person per trip. Exact fare is required and passes can be purchased on the trolley. 3-day pass costs \$8. From both hotels walk north on Third Street, turn onto Madison Avenue, and board the trolley at the **THIRD STREET** stop. Get off at the **PAULINE** stop.

Shuttle services

Doubletree will issue a coupon for discounted shuttle service (PC Transportation) for \$12 per round-trip per guest per day. The guests are individually responsible for arrangements and payment through PC transportation.

PROGRAM

Friday, September 4

12:00 - 7:00 PM	Registration	
1:00 - 1:10 PM	Official opening of the Meeting	Andrzej Slominski, MD, PhD, and short introduction by Dr. Barrett Haik on behalf of the local Organizing Committee
1:10 - 1:30 PM	Presidential Address	Frank Meyskens, MD, President of the PASPCR
Session 1: Biochemistry, Chemistry and Biophysics of Melanin Pigmentation		
1:30 - 3:00 PM	Selected abstract presentations	<i>Chaired by</i> John Pawelek, PhD (Yale University), Gertrude-Emilia Costin, PhD (Institute for In Vitro Sciences), Vincent Hearing, PhD (National Institutes of Health)
3:00 - 3:45 PM	Keynote lecture 1	Dr. Sergei Grando, MD, PhD (University of California Irvine) <i>Cutaneous cholinergic system: Lessons for skin pigmentary system</i>
3:45 - 4:00 PM	Coffee/tea break	
Session 2: Cell Biology of Melanin Synthesis		
4:00 - 5:45 PM	Selected abstract presentations	<i>Chaired by</i> Zalfa Abdel Malek, PhD (University of Cincinnati), Ana Luisa Kadekaro, PhD (University of Cincinnati), Marjan Huizing, PhD (National Institutes of Health)
5:45 - 6:00 PM	Coffee/tea break	
6:00 - 6:45 PM	Keynote lecture 2	Michael F. Holick, MD, PhD (Boston University) <i>Shining Light on Skin Pigment, Vitamin D and Health</i>
7:00 - 10:00 PM	Cocktail party at Dr. Charles Handorf's residence	

Saturday, September 5

8:00 - 5:00 PM	Registration	
8:00 - 8:45 AM	Keynote lecture 3	Lawrence Pfeffer, PhD (University of Tennessee) Title: <i>NF-κB signaling: implications for skin cancer</i>
8:45 - 9:00 PM	Coffee/tea break	
Session 3: Malignant Transformation of the Melanocyte and Melanoma Progression		
9:00 - 11:00 AM	Selected abstract presentations	<i>Chaired by</i> James Grichnik, MD (Duke University), Sancy Leachman, MD (University of Utah), John Pawelek, PhD (Yale University)
11:00 - 11:45 AM	Keynote lecture 4	Michael Kastan, MD, PhD (St. Jude Hospital) <i>DNA Damage Responses: From Molecular Mechanisms to Clinical Interventions</i>
11:45 AM - 1:00 PM	Lunch/ Poster viewing	
Session 4: Cell Surface and Nuclear Receptors and Their Ligands: Regulation of Melanocyte/Melanoma Behavior		
1:00 - 2:30 PM	Selected abstract presentations	<i>Chaired by</i> Prashiela Manga, PhD (New York University), Andrzej Slominski, MD, PhD (University of Tennessee Health Science Center), Zalfa Abdel-Malek, PhD (University of Cincinnati)
2:30 - 2:45 PM	Coffee/tea break	
2:45 - 3:30 PM	Keynote lecture 5:	Ralf Paus, MD (University of Lubeck) <i>Neuroendocrinology of the Hair Follicle</i>
Session 5: Melanocyte Maturation/Differentiation: Developmental and Cellular Biology		
3:30 - 5:00 PM	Selected abstract presentations	<i>Chaired by</i> Tom Hornyak, MD, PhD (National Institutes of Health), Youwen Zhou, PhD (Skin Care Center, Canada), Lidia Kos, PhD (Florida International University)
5:00 - 5:15 PM	Coffee/tea break	
5:15 - 6:00 PM	Aaron B Lerner lecture	<i>author and title to be announced</i>
7:00 PM	Free time	Suggested visit to Beale Street in walking distance from the hotel

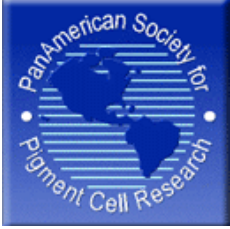
Sunday, September 6

8:00 - 5:00 PM	Registration	
8:00 - 8:45 AM	Keynote lecture 6	Jack Arbiser, MD, PhD (Emory University) <i>Oxidative Stress, Melanocytes and Melanoma</i>
8:45 - 9:00 PM	Coffee/tea break	
Session 6: Oxidative Responses in Melanocytes and Melanoma Cells		
9:00 - 11:00 AM	Selected abstract presentations	<i>Chaired by</i> Frank Meyskens, MD (University of California Irvine)
11:00 - 11:15 AM	Coffee/tea break	
11:15 AM - 12:00 PM	Keynote lecture 7:	Russel J. Reiter, Ph.D., Dr.h.c.mult. (University of Texas, San Antonio) <i>Melatonin and Its Metabolites As Anti-Oxidants: Implications for Pigment Cell Biology</i>
12:00 - 12:30 PM	Business Meeting	
12:30 - 1:30 PM	Lunch/ Poster viewing	
Session 7: Solar Radiation and the Pigmentary System: Securing the Place Under the Sun.		
1:30 - 3:30 PM	Selected abstract presentations	<i>Chaired by</i> Andrzej Slominski, MD, PhD (University of Tennessee Health Science Center), Miri Seibeg, PhD (Johnson & Johnson)
3:30 - 4:15 PM	Keynote lecture 8	Edwin Blalock, PhD (University of Alabama) <i>The Immune System as a Sensory Organ</i>
4:15 - 5:45 PM	Posters Discussion with Coffee and Tea	Moderators: Youwen Zhou, PhD (Skin Care Center, Canada), Gertrude-Emilia Costin, PhD (Institute for In Vitro Sciences), Vijayasaradhi Setaluri, PhD (University of Wisconsin)
7:00 PM	Gala Dinner	

Monday, September 7

8:00AM - 1:00 PM	Registration	
8:00 - 8:45 AM	Keynote lecture 9:	Gregory Barsh, MD, PhD (Stanford University) <i>Novel Regulators of Melanin Pigmentation</i>
8:45 - 9:00 PM	Coffee/tea break	
Session 8: Pigmentary Disorders: Genetics, Etiology, Pathology and Therapy		
9:00 - 11:30 AM	Selected abstract presentations	<i>Chaired by</i> Caroline LePoole, PhD (Loyola University), Richard Spritz, MD (University of Colorado), Raymond Boissy, PhD (University of Cincinnati)
11:30 AM-12:15 PM	Keynote lecture 10	Andrzej Slominski, MD, PhD (University of Tennessee Health Science Center) Title: <i>Neuroendocrinology of the Melanin Pigmentary System</i>
12:15 - 1:30 PM	Lunch	
Session 9: Pigmentary System of the Eye		
1:30 - 2:00 PM	Keynote lecture 11	Dianna Johnson, PhD (University of Tennessee Health Science Center) Title: <i>Retinal pigment epithelium reaction to oxidative stress and solar radiation.</i>
2:00 - 3:30 PM	Selected abstract presentations	<i>Chaired by</i> Peter Netland, MD, PhD (University of Tennessee Health Science Center), Barrett Haik (University of Tennessee Health Science Center), MD, Charles Handorf, MD, PhD (University of Tennessee Health Science Center)
3:30 PM	Official Closing of the Meeting	Andrzej Slominski, MD, PhD (University of Tennessee Health Science Center)
4:00 PM	Farewell Party	

**XVTH PANAMERICAN SOCIETY FOR PIGMENT CELL RESEARCH CONFERENCE
THE PIGMENTARY SYSTEM: SECURING A PLACE UNDER THE SUN**



THE UNIVERSITY of TENNESSEE **UT**
HEALTH SCIENCE CENTER

Department of Pathology and Laboratory Medicine
Hamilton Eye Clinic
September 4-7, 2009

You may register online at: <http://www.paspcr2009.org>, or use this form.

Early registration: February 10 until July 31, 2009
Late registration: August 1 until September 3, 2009
On-site registration: September 4 until September 7, 2009
Late registrants please add \$50 for entire conference or \$15 per day.

PLEASE RETURN BY FAX or MAIL TO THIS ADDRESS:

Andrzej T. Slominski, M.D., Ph.D.
Secretary-Treasurer, PASPCR
Department of Pathology and Laboratory Medicine
University of Tennessee Health Science Center, 930 Madison Avenue, Suite 599, Memphis, TN 38163
Phone: 901 448 3741; Fax: 901 448 2435; e-mail: aslominski@utmem.edu

Last name: _____ First name: _____
Gender: Female Male
Name for the name badge: _____
Title/Position: _____
University/Company: _____ Department: _____
Address: _____
City: _____ State: ____ ZIP: _____ Country: _____
Phone: _____ Fax: _____ E-mail: _____

Regular PASPCR/IFPCS member - entire conference @\$300 -----	\$ _____
Regular PASPCR/IFPCS member - by the day, number of days _____ @\$100/day -----	\$ _____
Student/fellow/resident PASPCR/IFPCS member - entire conference @\$200-----	\$ _____
Student/fellow/resident PASPCR/IFPCS member - by the day, no. of days ____ @\$75/day ----	\$ _____
*Non-member student/fellow/resident - I am a student/fellow/resident who is currently not a member and want to join the Society (membership dues \$40 plus registration fee \$200) @\$240 -----	
	\$ _____
*Non-member - I am currently not a member and want to join the Society (membership dues \$154 plus registration fee \$300) @\$454-----	
	\$ _____
Non-member – entire conference @\$450 -----	\$ _____
Non-member - by the day, number of days _____ @\$150/day -----	\$ _____
Social event - Gala dinner, number of people ____ \$75/person -----	\$ _____

* Membership dues include the electronic subscription of the PCMR journal (IF=4.288).

Total: _____

Payment by:

Check: Make Checks to: PanAmerican Society for Pigment Cell Research and mail to above address.

Credit Card: **VISA** **Mastercard**

Please charge the following amount to my credit card: _____

Credit card number: _____ Expiration date: _____

Name on the card: _____ Address: _____

City: _____ State _____ ZIP _____ Country _____

Date _____ Signature _____