



FIRST INTERNATIONAL

# Melanoma Research Congress

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JUNE 21-24, 2003

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WYNDHAM FRANKLIN  
PLAZA HOTEL  
PHILADELPHIA,  
PENNSYLVANIA, USA

**CONGRESS CO-CHAIRS**

Meenhard Herlyn, DVM  
*The Wistar Institute  
Philadelphia, PA*

DuPont Guerry, IV, MD  
*Abramson Cancer Center  
University of Pennsylvania*

**PRESENTED BY:**



THE FOUNDATION FOR  
MELANOMA RESEARCH

# FIRST INTERNATIONAL MELANOMA RESEARCH CONGRESS

JUNE 21-24, 2003 • PHILADELPHIA, PENNSYLVANIA, USA

## Congress Objectives

The incidence of melanoma has been continuously rising for the last 40 years, resulting in 53,600 new cases and 9,600 deaths in the US in 2002. The research community devoted to melanoma is scattered among many disciplines, including dermatologists, oncologists, surgeons, radiologists, epidemiologists, geneticists, basic biologists, immunologists and molecular biologists. The community has had only one national meeting since the late eighties. Thus different 'cultures' have developed with little communication and collaboration between them. The planned First Melanoma Research Congress from June 21 to 24, 2003, aims to bring the diverse groups together. Sponsored by the Foundation for Melanoma Research, 79 speakers have been invited who represent all areas of melanoma research. These will provide the community of melanoma investigators with a comprehensive overview of the current state of research. Major contributions to science have come in recent years from research groups working primarily outside of the melanoma field. These groups will now be incorporated into the meeting and it is an aim of the Congress that they become an integral part of the melanoma research community. The major contribution of the meeting to the research community will flow from the exchange of information and ideas to establish and facilitate collaborations between research groups and to cross-fertilize the diverse disciplines representing melanoma research.

## Congress Overview

The congress will begin on Saturday evening, June 21st, 2003 with keynote addresses by two prominent members of basic and translational melanoma fields. On Sunday and Monday, June 22nd and 23rd there will be plenary sessions in the morning and afternoon, each followed by three concurrent sessions for more detailed discussions. The last day's program on Tuesday, June 24 will have the same format but is restricted to the morning. Poster sessions in the evenings/late afternoons of Sunday and Monday will provide all participants the opportunity to present their research. The 5 plenary sessions will have 5 speakers each in immunology, epidemiology, biology, molecular biology and the tumor microenvironment. The 13 concurrent sessions will cover research areas that are evenly divided among the different research topics. On Monday evening the Melanoma Research Society will be inaugurated. In future years it will be the main sponsor of research meetings. The Second Melanoma Research Congress will be held in 2005.

### CONGRESS CO-CHAIRS

**DuPont Guerry IV M.D.**  
*Abramson Cancer Center  
The University of Pennsylvania*

**Meenhard Herlyn DVM**  
*Chairman of the Program of Molecular  
and Cellular Oncogenesis  
The Wistar Institute*

### PROGRAM COMMITTEE

**Peter Corrado**  
*Director of Development  
The Wistar Institute*

**Jeanne M. Rogers, R.N. M.Ed.**  
*Associate Executive Director  
Abramson Cancer Center*

**Kate O'Neill**  
*Foundation for Melanoma Research*

**William R. Marsch**  
*Melanoma Research Foundation*

*This conference is supported by*

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**Dario C. Altieri, MD**  
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*Human Tumor Immunobiology Unit  
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**Heinz Arnheiter, Ph.D.**  
*Lab. of Developmental Neurogenetics  
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**Charles M. Balch, MD**  
*American Society of Clinical Oncologists  
Alexandria, VA*

**Menashe Bar-Eli, PhD**  
*Department of Cancer Biology - 173  
MD Anderson Cancer Center  
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**Dr. Boris C. Bastian**  
*UCSF Comprehensive Cancer Center  
San Francisco, CA*

**Dorothea Becker, PhD**  
*Department of Pathology  
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**Jürgen C. Becker, MD, PhD**  
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Newcastle, Australia

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**Dr. Yutaka Kawakami**  
Division of Cellular Signaling  
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Keio University School of Medicine  
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**Towia Libermann, PhD**  
Director, BIDMC Genomics Center  
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Erlangen, Germany

**Danny R. Welch, PhD**  
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University of Alabama  
Birmingham, AL

**Dr. Richard Wooster**  
Cancer Genome Project  
Wellcome Trust Sanger Institute  
Cambridge, Great Britain, U.K.

**FACULTY**

## Saturday, June 21

3:00 P.M. - 10:00 P.M.

### REGISTRATION

7:00 P.M. - 9:00 P.M.

### KEYNOTE ADDRESSES

#### Steven A. Rosenberg

National Cancer Institute, Bethesda, MD  
"Rational Immunotherapy of Melanoma"

#### Ronald A. DePinho

Dana Farber Cancer Institute, Boston, MA  
"Modeling Cancer and Cancer Genomics"

9:00 P.M. - 10:00 P.M.

### OPENING RECEPTION

## Sunday, June 22

8:00 A.M. to 10:30 A.M.

### PLENARY SESSION 1: IMMUNOTHERAPY OF MELANOMA

#### Giorgio Parmiani, Chair

#### Pramod K. Srivastava

University of Connecticut School  
of Medicine, Farmington, CT  
"Developing New Targets for Melanoma Vaccines"

#### Pedro Romero

Ludwig Institute of Cancer Research  
Lausanne, Switzerland  
"Peptide-Based Therapeutic Vaccines for Melanoma:  
Monitoring Specific T Cell Responses"

#### Jeffrey S. Weber

Norris Cancer Center, USC, Los Angeles, CA  
"Novel Adjuvants and Delivery Systems  
for Melanoma Peptide Vaccines"

#### Giorgio Parmiani

Instituto Nazionale Tumori, Milan, Italy  
"Vaccination of Melanoma Patients with  
Autologous Heat Shock Proteins 96"

#### Soldano Ferrone

Roswell Park Cancer Institute, Buffalo, NY  
"Escape Mechanisms and T Cell Based  
Immunotherapy of Melanoma"

10:30 A.M. - 11:00 A.M.

### BREAK

11:00 A.M. - 12:30 P.M.

### CONCURRENT SESSION 1: EXPERIMENTAL MELANOCYTE TRANSFORMATION

Introduction: **Estela Medrano**  
Baylor College of Medicine, Houston, TX  
"The Ski Protein: A Key Regulator  
of Melanoma Tumor Progression"

#### Carola Berking

Ludwig-Maximilians University  
Munich, Germany  
"Induction of Melanoma in Human Skin  
by Synergistic Effects of Growth Factors  
and UVB Radiation"

#### Maria Soengas

University of Michigan Comprehensive  
Cancer Center, Ann Arbor, MI  
"Apoptotic Factors in Melanoma Progression  
and Drug Response"

#### Glenn Merlino

National Cancer Institute, Bethesda, MD  
"Modeling Gene-Environment Interactions  
in Malignant Melanoma"

### CONCURRENT SESSION 2: GENETICS OF FAMILIAL MELANOMA

Introduction: **David Hogg**  
University of Toronto, Canada  
"Search for Novel interacting Partners of p16"

#### Alisa M. Goldstein

National Cancer Institute, Bethesda, MD  
"Prediction and Modification of Melanoma Risk"

#### Nicholas K. Hayward

Queensland Institute of Medical Research  
Brisbane, Australia  
"High Risk, Low Risk and Modifier Genes  
for Melanoma"

#### Julia A. Newton-Bishop

St. James University Hospital, Leeds, UK  
"The Management of Patients with  
a Family History of Melanoma"

### CONCURRENT SESSION 3: IMMUNOBIOLOGY I

Introduction: **Dorothee Herlyn**  
The Wistar Institute, Philadelphia  
"T Cells in Organotypic Melanoma Culture Systems"

#### Andrea Anichini

Instituto Nazionale Tumori, Milan, Italy  
"Maturation of Antigen-specific CD8+ T  
Lymphocytes at Tumor Site"

#### Nick Restifo

National Cancer Institute, Bethesda, MD  
"In Vivo Requirements for Destruction  
of Large Established Tumors by Self-Specific  
CD8+ T Cells"

#### Yutaka Kawakami

Keio University School of Medicine, Tokyo, Japan  
"Identification of Human Melanoma Antigens  
with Genetic and Immunological Methods"

12:30 P.M. - 2:00 P.M.

### BREAK

2:00 P.M. - 4:00 P.M.

### PLENARY SESSION 2: MOLECULAR EPIDEMIOLOGY OF MELANOMA

#### Marianne Berwick, Chair

#### Margaret A. Tucker

National Cancer Institute, Bethesda, MD  
"Host Factors and Risk of Melanoma"

#### Timothy Rebbeck

University of Pennsylvania School  
of Medicine, Philadelphia, PA  
"Pigmentation Genotypes and Phenotypes  
in Melanoma Etiology"

#### Marianne Berwick

Memorial Sloan-Kettering Cancer Center  
New York, NY  
"Gene-Environment Interactions  
in Melanoma: New Data"

#### Richard P. Gallagher

BC Cancer Agency, Vancouver, Canada  
"Sunscreens, Cancer and Precursor Lesions: What  
Can Sunscreens Prevent and What Can't They?"

#### Adele Green

Queensland Institute of Medical Research,  
Brisbane, Australia  
"How Can Molecular Studies Assist  
in Melanoma control?"

4:00 P.M. - 4:30 P.M.

### BREAK

4:30 P.M. - 6:00 P.M.

### CONCURRENT SESSION 4: IMMUNOBIOLOGY II

Introduction: **Jürgen Becker**  
University of Würzburg, Germany  
"Shift from Systemic to Site Specific Immunity  
by Tumor-targeted Interleukin2"

#### Ingegerd Hellström

Pacific Northwest Research Institute, Seattle, WA  
"Approaches to Vaccination for Melanoma"

#### Walter J. Storkus

University of Pittsburgh School of Medicine, PA  
"Repolarizing Anti-Melanoma Th Responses  
to Melanoma"

#### Francesco Marincola

National Cancer Institute, Bethesda, MD  
"A Dynamic Picture of the Tumor  
Microenvironment"

### CONCURRENT SESSION 5: TUMOR PROGRESSION

Introduction: **David Elder**  
Hospital of University of Pennsylvania  
Philadelphia, PA  
"Overview of Tumor Progression in Melanoma"

#### Allan Halpern

Memorial Sloan-Kettering Cancer Center  
New York, NY  
"Confocal Microscopy for Melanoma Diagnosis"

#### Dorothea Becker

University of Pittsburgh, Pittsburgh, PA  
"Molecular and Optical Imaging Analysis  
of Atypical Nevi and Melanoma"

#### Menashe Bar-Eli, MD

Anderson Cancer Center, Houston, TX  
"Role and Regulation of PAR-1  
in Melanoma Progression"

### CONCURRENT SESSION 6: GENOMICS AND PROTEOMICS OF MELANOMA

Introduction: **Barbara Weber**  
University of Pennsylvania, Philadelphia, PA  
"Genomic Approaches to Gene Discovery  
in Melanoma"

#### David Speicher

The Wistar Institute, Philadelphia, PA  
"Analysis of Melanoma Progression  
and Identification of Serological Markers  
Using Global Protein Profiling"

#### Katheryn Resing

University of Colorado, Boulder, CO  
"Proteomics of Melanoma Cell Lines  
and Cultured Melanocytes"

#### Mark Nelson

Arizona Cancer Center, Tucson, AZ  
"Gene Amplification in Melanoma"

6:00 P.M. - 7:30 P.M.

### POSTER SESSION A: IMMUNOBIOLOGY AND IMMUNOTHERAPY OF MELANOMA

## Monday, June 23

8:00 A.M. - 10:30 A.M.

### PLENARY SESSION 3: BIOLOGY OF MELANOMA

#### Dorothea Becker, Chair

University of Pittsburgh

#### Meenhard Herlyn

The Wistar Institute, Philadelphia, PA  
"The Dynamic Roles of Cell Surface Receptors  
in Melanoma Development"

#### Ze'ev Ronai

Mount Sinai School of Medicine, New York, NY  
"Transcriptional Switch in the Regulation of Apoptosis  
in Melanoma"

#### Ruth Halaban

Yale University School of Medicine  
New Haven, CT  
"Suppression of pRb Function in Melanomas"

#### Lynda Chin

Harvard Medical School, Boston, MA  
"The Biology and Genetics of Melanoma"

**Jeffrey M. Trent**  
National Human Genome Research  
Institute, Bethesda, MD  
"Genetic-Based Genomic Dissection of Melanoma"

**10:00 A.M. - 10:30 A.M.**  
**BREAK**

**11:00 A.M. - 12:30 P.M.**  
**CONCURRENT SESSION 7: BIOMARKERS**

Introduction: **Dirk J. Ruiter**  
UMC St. Radboud, The Netherlands  
"Biomarkers in Melanoma. What's New?"

**David Hoon**  
John Wayne Cancer Institute, Santa Monica, CA  
"Clinical Utility of Molecular Markers (RNA/DNA)  
as Prognostic Indicators of Malignant  
Melanoma Disease Outcome"

**Anja Bosserhoff**  
University of Regensburg, Germany  
"Role of MIA in Early Development  
of Malignant Melanoma"

**DuPont Guerry, IV**  
University of Pennsylvania, Philadelphia, PA  
"Integration of Immunohistological Biomarkers into  
More Effective and Efficient Prognostic Models"

**CONCURRENT SESSION 8:  
UV, PIGMENTATION, AND MELANOMA**

Introduction: **Vincent J. Hearing**  
National Cancer Institute, NIH, Bethesda, MD  
"Overview of UV Effects on Melanocyte Function"

**Dorothy Bennett**  
St. George's Hospital Medical School  
London, UK  
"Familial Melanoma Genes, Melanocyte  
Immortalization and Melanoma Initiation"

**Rick Sturm**  
The University of Queensland, Brisbane, Australia  
"Human Pigmentation and Melanoma: MC1R  
Genotype, Phenotype and Population Genetics"

**Thomas R. Fears**  
National Cancer Institute, Bethesda, MD  
"Individual UV Exposure and Melanoma Risk"

**Frances Noonan**  
George Washington University, Washington, DC  
"Photobiology of Melanoma in the HGF/SF  
Transgenic Mouse - UVA or UVB?"

**CONCURRENT SESSION 9:  
BIOINFORMATICS FOR GENOMICS AND PROTEOMICS**

Introduction: **Towia Libermann**  
Harvard Institutes of Medicine, Boston, MA  
"Functional Genomics of Human Cancer"

**Phyllis Gimotty**  
University of Pennsylvania, Philadelphia, PA  
"A Biostatistical Perspective on the analysis  
of Gen Expression Data in Melanoma"

**Louise Showe**  
The Wistar Institute, Philadelphia, PA  
"Gene Expression Profiling"

**Paul Meltzer**  
Section of Molecular Genetics  
Nat'l. Human Genome Res. Inst.  
Cancer Genetics Branch/NIH

**12:30 P.M. - 2:00 P.M.**  
**BREAK**

**2:00 P.M. - 4:00 P.M.**  
**PLENARY SESSION 4:  
MOLECULAR BIOLOGY OF MELANOMA**  
**Meenhard Herlyn, Chair**  
The Wistar Institute, Philadelphia

**Richard Wooster**  
The Wellcome Trust Sanger Institute,  
Hinxton, Cambridge, Great Britain  
"The Cancer Genome Project  
- Systematic Cancer Gene Discovery"

**Kapaettu Satyamoorthy**  
Center for Cellular & Molecular Biology  
Manipal, India  
"Molecular Mechanisms of Signaling in Melanoma"

**Boris C. Bastian**  
UCSF Comprehensive Cancer Center  
San Francisco, CA  
"Genomic Analysis of Melanocytic Neoplasia"

**Ulf R. Rapp**  
University of Würzburg, Germany  
"Role of Raf Kinases in Development  
and Treatment of Melanoma"

**4:00 P.M. - 4:30 P.M.**  
**BREAK**

**4:30 P.M. - 6:00 P.M.**  
**CONCURRENT SESSION 10:  
MELANOCYTE DEVELOPMENT AND MELANOMA**

Introduction: **David E. Fisher**  
Dana Farber Cancer Institute, Boston, MA  
"Mitf and Transcriptional Regulation  
in the Melanocyte Lineage"

**Heinz Arnheiter**  
National Institutes of Health, Bethesda, MD  
"The Role of Mitf in Melanoblast Proliferation  
and Differentiation"

**William J. Pavan**  
Genetic Disease Research Br., NIH, Bethesda, MD  
"Functional Genomic Analysis  
of Melanocyte Development"

**Michael Wegner**  
University of Erlangen, Germany  
"Melanocytes and the Transcription Factor Sox10"

**CONCURRENT SESSION 11:  
MELANOMA STAGING AND SENTINEL LYMPHNODES**

Introduction: **Charles Balch**  
American Society of Clinical Oncology  
Alexandria, VA  
"Melanoma Staging: Migrating from the Light  
Microscope to Molecular-Based Staging Criteria"

**Alistair J. Cochran**  
UCLA School of Medicine, Los Angeles, CA  
"The Sentinel Lymph Node: A Singular Experiment  
of Nature"

**Hans Starz**  
Klinikum Augsburg, Germany  
"Sentinel Lymph Nodes and Melanoma Staging"

**Douglas Reintgen**  
Lakeland Regional Cancer Center, Lakeland, FL  
"Lymphatic Mapping and the Molecular Staging  
of the Sentinel Lymph Node"

**CONCURRENT SESSION 12:  
SELECTED POSTER PRESENTATIONS**

**6:00 P.M. - 7:30 P.M.**  
**POSTER SESSION B, ETIOLOGY, BIOLOGY,  
PREVENTION, AND NOVEL THERAPIES  
OF MELANOMA**

**Workshop, Advocates and Melanoma  
Research Chair: DuPont Guerry,**  
University of Pennsylvania, Philadelphia, PA

**7:30 P.M. - 10:00 P.M.**  
**RECEPTION/DINNER**

Sponsored by the Melanoma  
Research Foundation for the  
Inauguration of the  
Melanoma Research Society.  
Advocate Speaker



**Tuesday, June 24**

**8:00 A.M. - 10:00 A.M.**

**PLENARY SESSION 5:  
TUMOR MICROENVIRONMENT**  
**Mary Hendrix, Chair**

**Robert Benezra**  
Memorial Sloan Kettering Cancer Center  
New York, NY  
"Id as a Target for Inhibiting Tumor Angiogenesis"

**Mary Hendrix**  
University of Iowa Cancer Center, Iowa City, IA  
"The Role of the Microenvironment in Facilitating  
the Plasticity of Melanoma Cells"

**Pamela Robey**  
National Institutes of Health, Bethesda, MD  
"The Microenvironment of Bone and Its Marrow"

**Ann Richmond**  
Vanderbilt University School of Medicine  
Nashville, TN  
"NF- $\kappa$ B, Chemokine/Chemokine Receptors,  
and Melanoma"

**Michael Detmar**  
Massachusetts General Hospital  
Charlestown, MA  
"Angiogenesis and Lymphangiogenesis  
in Melanoma Progression"

**10:00 A.M. - 10:30 A.M.**  
**BREAK**

**10:30 A.M. - 12:30 P.M.**  
**CONCURRENT SESSION 13:  
APOPTOSIS AND DIFFERENTIATION IN MELANOMA**

Introduction: **Dario C. Altieri**  
University of Massachusetts Medical School  
Worcester, MA  
"Survival Checkpoints in Cancer"

**Licia Rivoltini**  
Istituto Nazionale Tumori, Milan, Italy  
"Role of Pro-apoptotic Molecules in Melanoma Escape  
from Immune Recognition"

**Peter Hersey**  
University of Newcastle, NSW, Australia  
"Overcoming Resistance of Melanoma Cells  
to Apoptosis"

**Frank Meyskens**  
University of California, Irvine, CA  
"Redox Changes are the Primary Driver for the Anti-  
apoptotic Phenotype of Human Melanoma Cells"

**CONCURRENT SESSION 14:  
BIOLOGY OF MELANOMA METASTASIS**

Introduction: **Ruth Muschel**  
University of Pennsylvania, Philadelphia, PA  
"Mechanisms of Tumor Cell Arrest in the Vascular  
Bed: Models for Metastasis"

**Peter Friedl**  
University of Würzburg, Germany  
"Plasticity in Melanoma Cell Migration Strategies"

**Danny R. Welch**  
University of Alabama, Birmingham, AL  
"CRSP3-TXNIP-KISS1: A Pathway for Melanoma  
Metastasis Suppression"

**James McCarthy**  
University of Minnesota Medical School  
Minneapolis, MN  
"MT-MMPs in Invasion and Growth of Melanoma"

**For more information:**

[www.foundationformelanomaresearch.org](http://www.foundationformelanomaresearch.org)  
and [www.wistar.upenn.edu/herlyn](http://www.wistar.upenn.edu/herlyn)

**AGENDA**

## Abstract Deadline is March 14, 2003

For detailed instructions visit our  
website at:  
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### Mail original, 2 copies, and an electronic copy to:

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3601 Spruce Street  
Philadelphia, PA 19104

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Abstracts can also be sent as a  
Word document by e-mail to  
[info@foundationformelanomaresearch.org](mailto:info@foundationformelanomaresearch.org)

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For additional information  
contact Sandy Parsons  
PHONE: (215) 898-3959 or  
FAX: (215) 898-0980

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### Instructions for completing abstract form:

- Type single space, 10 pt. Times New Roman within the block leaving no margins
- Underline the presenter of the paper and spell out complete names of all authors
- List city, state, country, and institution of origin.

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Name of person to present this abstract			

ABSTRACT SUBMISSION

Registration fees include breakfast, breaks and syllabus materials. Please complete the registration form and mail with your payment to the address below. Checks and credit cards are accepted.

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You may register by faxing the form below to (215) 898-0980 (credit cards only).

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First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_ Last Name \_\_\_\_\_ Credentials \_\_\_\_\_  
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### Evening Social Functions

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**Saturday, June 21, 2003**  
7:00 P.M. - 9:30 P.M.  
Opening Reception and Welcome  
Keynote Speakers  
Dr. Steven Rosenberg • Dr. Ronald DePinho

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**Monday, June 23, 2003**  
7:30 P.M. - 10:00 P.M.  
Grand Ballroom  
Sponsored by MRF  
for the Inauguration of  
The International Melanoma Research Society



RESEARCH  
TREATMENT  
CURE

The Melanoma Research Foundation (MRF) is proud to partner with the Foundation for Melanoma Research and attendees at the First International Melanoma Congress by sponsoring the reception and dinner inaugurating the Melanoma Research Society.

MRF is committed to melanoma research, as well as to education and support for patients and families, to awareness of melanoma as a significant and growing health issue, and to advocacy for greater funding of research at the national level.

On behalf of the MRF Board and Scientific Advisory Committee, as well as the melanoma community, congratulations on this major step forward in organizing melanoma scientists from around the world for the sole purpose of encouraging and expanding scientific knowledge and discoveries. We look forward to a growing partnership with you and the Society.

## Accommodations

From the heart of America's birthplace, the Wyndham Philadelphia at Franklin Plaza welcomes you with the best in comfort and convenience. Located just four blocks from the Pennsylvania Convention Center, we're close to everything you need.

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**Location:** Time Zone EST

**Type of Location:** City Center

**Local Landmark:** City Hall

**Distance and Direction**

to Valley Forge: 20 miles, East

**Accepted Currency:** USD

**Cancel Time:** 24 hours

**Check-in Time:** 3:00 P.M.

**Check-out Time:** 12:00 NOON

**Room Service:** Limited Availability

**Number of Rooms:** 758

**Number of Floors:** 26

**Number of On-site Restaurants:** 2

**Accepted Payment:** Amer. Ex.,  
Certificates/Awards, Debit Cards,  
Diners Club, Discover Card, JCB Card,  
MasterCard, Travelers Checks, Visa

**AAA Diamond Rating:** 3

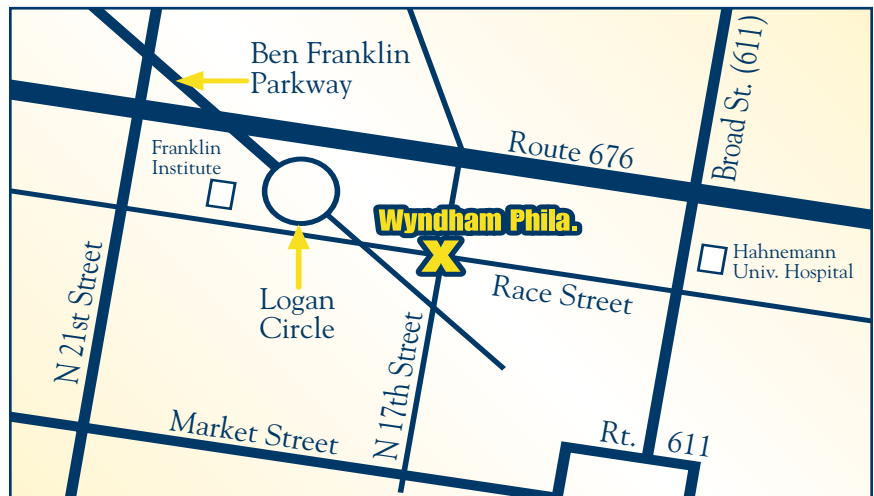
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