

# **NNFF International Consortium for the Molecular Biology of NF1 and NF2**

## **AGENDA**



**June 1-4, 2003**

**Hotel Jerome  
330 East Main Street  
Aspen, Colorado**

**Chairpersons**

**Dr. David Gutmann**  
Washington University  
St. Louis, MO

**Dr. Marco Giovannini**  
Fondation Jean Dausset  
Paris, France

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The Richard & Marcy Horvitz Foundation

The National Institutes of Health

The National Institute of Neurological Disorders and Stroke

The National Institute on Deafness and Other Communication Disorders

National Heart, Lung, and Blood Institute

Merck Research Laboratories

National Eye Institute

Office of Rare Diseases

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## Program

# NNFF Consortium for the Molecular Biology of NF1 and NF2

Aspen June 1-4, 2003

### TOPIC: NEUROFIBROMATOSIS TYPE 2 – TEN YEARS LATER

*Chairs: Dr. James Gusella, Harvard Medical School/MGH*

*Dr. Gilles Thomas, Fondation Jean Dausset, Paris, France*

*Guy Rouleau, McGill University*

### Session 1: Sunday, June 1, 2003 - 7:30 PM -10:00 PM

7:30-7:40 PM	Welcome & Opening Remarks	Peter Bellermand, NNFF
		Dr. David Gutmann, Washington University, St. Louis
7:40-7:50 PM	Dept. of Defense U. S. ADMRC Program	
7:50-8:10 PM	NF2 Natural History and Clinical Issues	Dr. Mia MacCollin, Harvard Medical School/MGH
8:10-8:25 PM	NF2 Vestibular Schwannoma Natural History Study	Dr. William Slattery, House Ear Institute, Los Angeles
8:25-8:40 PM	Break	
8:40-9:00 PM	Functional Significance of NHERF/PDGF Receptor Binding in Actin Cytoskeletal Dynamics	Dr. Vijaya Ramesh, Harvard Medical School/MGH
9:00-9:20 PM	Signaling In Merlin Deficient Cells	Dr. Andi McClatchey Harvard Medical School/MGH
9:20-9:40 PM	Mouse <i>NF2</i> models	Dr. Marco Giovannini Fondation Jean Dausset

Paris, France

9:40-10:00 PM ERM Protein Function in Drosophila

Dr. Rick Fehon  
Duke University

10:00 PM Adjournment

## TOPIC: ANIMAL MODELS

*Chairs: Dr. Andrea McClatchey, Harvard Medical School/MGH*

*Dr. Wade Clapp, Indiana University*

**Session 2: Monday Morning, June 2, 2003 - 8:30 AM-12:00 PM**

7:30-8:30 AM	Breakfast	Antler Bar
8:30-8:35 AM	Opening Remarks, Chair	
8:35-9:20 AM	<b>Keynote:</b>	Dr. Anton Berns The Netherlands Cancer Institute, Amsterdam, Holland
9:20-9:30 AM	Mouse Models Consortium Update:	Dr. Kevin Shannon University of California, San Francisco
9:30-9:50 AM	Preclinical testing in the mouse	Dr. Tyler Jacks M.I.T Center for Cancer Research
9:50-10:10 AM	Mouse NF1 Leukemia Models	Dr. Kevin Shannon University of California, San Francisco
10:10-10:25 AM	Break	
10:25-10:40 AM	NF1 astrocytoma modeling	Dr. David Gutmann Washington University, St. Louis
10:40-11:00 AM	NF1 Phenotypic Modifiers	Dr. Karlyne Reilly M.I.T Center for Cancer Research
11:00-11:10 AM	NF1; p53 Mice	Dr. Kristine Vogel University of Texas, San Antonio
11:10-11:20 AM	NF1;p53 Mice	Dr. Yuan Zhu University of Texas Southwestern Medical Center
11:20-11:30 AM	EGFR – Expressing Mice	Dr. Kelly Monk University of Cincinnati
11:30-11:40 AM	Neurofibroma Models	Dr. George Perrin University of Florida
11:40-12:00 PM	Learning and memory in NF1+/-Mice	Dr. Alcino Silva

**TOPIC: ANIMAL MODELS - 2**

***Chairs: Dr. Rick Fehon, Duke University***

***Dr. Kevin Shannon, University of California, San Francisco***

**Session 3: Monday Evening, June 2, 2003 - 7:30 PM-10:00 PM**

7:30-7:35 PM	Opening Remarks, Chair	Dr. Rick Fehon Duke University
7:35-7:55 PM	NF1 Conditional Modeling	Dr. Luis Parada University of Texas Southwestern Medical Center
7:55-8:15 PM	NF1 and Ras in Cardiac Development	Dr. Jon Epstein University of Pennsylvania
8:15-8:35 PM	NF1 Deficient Myeloid Cell	Dr. Wade Clapp Indiana University
8:35-8:50 PM	Break	
8:50-9:00 PM	Hyperalgesia In NF1+/-Mice	Dr. Cynthia Hingtgen Indiana University
9:00-9:10 PM	NF1 and Bone Abnormalities	Dr. Janet Hock Indiana University
9:10-9:20 PM	NF1 Drosophila Microarrays	Dr. James Walker Harvard Medical School/MGH
9:20-9:30 PM	Ras-Transgenic Mice and Learning	Dr. Steven Kushner University of California Los Angeles
9:30-9:40 PM	NF2 Liver Tumors	Dr. Marcello Curto Harvard Medical School/MGH
9:40-10:00 PM	Neurofibromin in Drosophila	Dr. Yi Zhong Cold Spring Harbor Laboratory
<b>10:00 PM</b>	<b><i>Adjourn</i></b>	

**TOPIC: NEUROFIBROMATOSIS: MOLECULAR GENETICS & BIOLOGY**

***Chairs: Dr. Ludwine Messiaen, University Hospital of Ghent, Belgium***

***Dr. Bruce Korf, University of Alabama at Birmingham***

**Session 4: Tuesday morning, June 3, 2003 - 8:30 AM-11:40 AM**

7:30-8:30 AM	Breakfast with Bob Finkelstein	Antler Bar
8:30-8:35 AM	Opening Remarks, Chair	Dr. Bruce Korf University of Alabama
8:35-8:55 AM	Natural History and Risk Factors	Dr. Jan Friedman University of British Columbia, Canada
8:55-9:10 AM	NF1 Germline and Somatic Mutations Analyses	Dr. Ludwine Messiaen University Hospital of Ghent, Belgium
9:10-9:25 AM	NF1 Plexiform Neurofibroma Natural History Study	Dr. Bruce Korf University of Alabama
9:25-9:35 AM	Neurofibromas	Dr. Magaret McLaughlin MIT Center for Cancer Research
9:35-9:45 AM	Bony Dystrophy in NF1	Dr. Vilmos Halmai University of Pecs, Hungary
9:45-10:00 AM	Break	
10:00-10:20 AM	Genetic Modifiers	Dr. Andre Bernardis Harvard Medical School/MGH
10:20-10:30 AM	Expression profiling	Dr. Shyra Miller University of Cincinnati
10:30-10:40 AM	Megabase Deletions	Dr. Karen Stephens University of Washington
10:40-10:50 AM	High resolution mapping	Dr. Jan Dumanski Uppsala University, Sweden
10:50-11:00 AM	NF1 Cellular Functions	Dr. Karen Cichowski Harvard Medical School/ Brigham & Women's Hospital
11:00-11:10 AM	GM-CSF signaling	Dr. Kelly Morgan

University of Minnesota

11:10-11:20 AM	Ras activity in glia	Dr. Michael Stern Rice University
11:20-11:30 AM	FTI clinical trials	Dr. Eva Dombi National Cancer Institute National Institute of Health
11:30-11:40 AM	Nonsense suppression therapy	Dr. Westley Friesen PTC Therapeutics

**Poster Session 2: 4:30 PM – 6:00 PM**

**Dinner- Garden Terrace 5:30PM – 7:30 PM**

**TOPIC: CELL BIOLOGY**

**Chairs: Dr. Larry Sherman, University of Cincinnati**

**Dr. Nancy Ratner, University of Cincinnati**

**Session 5: Tuesday Evening, June 3, 2003 - 7:30 PM-10:00 PM**

7:30-7:35 PM	Opening Remarks, Chair	Dr. Larry Sherman University of Cincinnati
7:35-8:20 PM	<b>Keynote:</b> Stem Cells	Dr. Mahendra Rao National Institutes of Health, National Institute on Aging
8:20-8:30 PM	CNS Oligodendrocyte Precursors	Dr. Michael Bennett University of Cincinnati
8:30-8:40 PM	Merlin Interactors	Dr. Laurence Goutebroze Jean Dausset, Paris, France
8:40-8:50 PM	Merlin Signaling	Dr. Dominique Lallemand Harvard Medical School/MGH
8:50-9:00 PM	Rac in Schwannomas	Dr. Oliver Hanemann University of Ulm, Germany
9:00-9:20 PM	BREAK	
9:20-9:40 PM	Phenotypic Analysis of NF1 deficient Schwann Cells	Dr. Nancy Ratner University of Cincinnati
9:40-10:00 PM	NF1 in Schwann Cells	Dr. Feng-Chun Yang Indiana University

10:00 PM

Closing of Meetings

Peter Bellermann  
NNFF

**Adjunct Meetings and Sessions:**

- Poster Session #1:** Monday, June 2, 2003 - 4:30 PM - 6:00 PM
- Medical Policy Committee:** Monday, June 2, 2003 - 5:00 PM - 8:00 PM  
Board Room
- Mouse Model Meeting:** Tuesday, June 3, 2003  
Wheeler Room
- NF2 Criteria Meeting** Tuesday, June 3, 2003- 12:00 PM- 2:00 PM  
Wheeler Room
- Poster Session #2:** Tuesday, June 3, 2003 - 4:30 PM - 6:00 PM