The Jeffrey Modell Foundation has been on an extraordinary twenty-five year journey of hope, advocacy and action – to alleviate suffering, improve the quality of life and, ultimately, find cures for patients with Primary Immunodeficiencies.

Our inspiration comes from the brilliance and compassion of the physicians, the resolve and dedication of the researchers, the perseverance of the quiet, unsung heroes working days and nights in their laboratories, the bravery and courage of the families, and most of all, the patients who inspire us and encourage us to continue our incredible journey.

This “Global Get-Together” is our gift to all of you with our warmest and sincerest thanks and appreciation… our Conference Chairpersons: Doctors Jean-Laurent Casanova, Alain Fischer, Raif Geha & Chaim Roifman whose expertise, love of medicine and brilliant efforts produced this exquisite program… Our esteemed Faculty for sharing their intellect and knowledge… Our prominent and preeminent Physician Delegates that are here representing more than 60 countries… And our Sponsors whose constant and consistent generosity, encouragement and heartfelt compassion make everything possible…

ASD Healthcare
Baxter Healthcare
Biotest
CSL Behring
Grifols
Octapharma
PerkinElmer
Talecris Biotherapeutics
US Centers for Disease Control and Prevention (CDC)

This Conference will be Webcast throughout the world to further enhance physician education and expand dialogue about Primary Immunodeficiencies.

We are proud to welcome you to New York City and wish you a most successful and enlightening experience at the World Immunology Conference.

With hope for our cause,

Vicki and Fred Modell
Co-Founders
Jeffrey Modell Foundation
NEW YORK CITY is a city of many names, including “The Big Apple”, “The City That Never Sleeps”, and even “Gotham City.” It is the most populated city in the United States, and one of the most populated areas in the world. More than 40 million people visit NYC each year, contributing to a significant impact on global commerce, finance, media, culture, art, fashion, research, education, and entertainment. It is perhaps the most culturally rich city in America, whose residents come from every corner of the globe. As many as 800 languages are spoken, making it the most linguistically diverse city in the world. As host of the United Nations Headquarters, it is an important center for international affairs.

Located on a large harbor on the Atlantic coast, New York City consists of five boroughs: The Bronx, Brooklyn, Manhattan, Queens, and Staten Island. With a population of more than eight million people, living in an area of just 305 square miles (790 km), New York is the most densely populated city in the United States. The New York metropolitan area’s population is the United States’ largest, estimated at 18.9 million people distributed over 6,720 square miles (17,400 km).

New York traces its roots to the 1624 founding of New Amsterdam as a trading post by Dutch colonists. The city and its surrounds came under English control in 1664, and was renamed New York after King Charles II of England granted the lands to his brother, the Duke of York. New York served as the capital of the United States from 1785 until 1790. It has been the country’s largest city since 1790. The Statue of Liberty greeted millions of immigrants as they came to America by ship in the late 19th and early 20th centuries.

Many districts and landmarks in New York City are well known: Times Square, “The Crossroads of the World”, is the brightly illuminated hub of the Broadway theater district, one of the world’s busiest pedestrian intersections, and a major center of the world’s entertainment industry. The city hosts many world renowned bridges, skyscrapers, and parks. New York City’s financial district, anchored by Wall Street in Lower Manhattan, functions as the financial capital of the world and is home to the New York Stock Exchange, the world’s largest stock exchange by total market capitalization of its listed companies. Manhattan’s real estate market is among the most prized and expensive in the world. Manhattan’s Chinatown incorporates the highest concentration of Chinese people in the Western Hemisphere. Numerous colleges and universities are located in New York, including Columbia University, New York University, and Rockefeller University, which are ranked among the top 100 in the world.

With so many hidden gems around every corner, New York City has something for everyone!

The Jeffrey Modell Foundation welcomes you….

Enjoy our city!
Alessandro Aiuti, MD, PhD  
San Raffaele Telethon Institute for Gene Therapy  
Milan, Italy

Abdulaziz Al-Ghonaium, MD  
King Faisal Specialist Hospital & Research Center  
Riyadh, Saudi Arabia

Waleed Al-Herz, MD  
Al-Sabah Pediatric Hospital  
Kuwait City, Kuwait

Fred Alt, PhD  
Howard Hughes Medical Institute  
Children’s Hospital Boston  
Boston, Massachusetts

David Baltimore, PhD  
California Institute of Technology  
Pasadena, California

Isil Barlan, MD  
Marmara University Medical Center  
Istanbul, Turkey

Bruce Beutler, MD  
Scripps Research Institute  
La Jolla, California

Aziz Bousfiha, MD  
King Hassan II Children’s Hospital  
Casablanca, Morocco

Jean-Laurent Casanova, MD, PhD  
The Rockefeller University  
New York, New York

Talal Chatila, MD  
Mattel Children’s Hospital, UCLA  
Los Angeles, California

Barry Coller, MD  
The Rockefeller University  
New York, New York

Antonio Condino, MD, PhD  
University of São Paulo  
São Paulo, Brazil

Max Cooper, MD  
Emory Vaccine Center  
Emory University School of Medicine  
Atlanta, Georgia

Geneviève de Saint Basile, MD  
Hôpital Necker-Enfants Malades  
Paris, France

Francisco Espinosa, MD  
National Institute of Pediatrics  
Mexico City, Mexico

Alain Fischer, MD, PhD  
Hôpital Necker-Enfants Malades  
Paris, France

Richard Gatti, MD  
UCLA School of Medicine  
Los Angeles, California

Raif Geha, MD  
Children’s Hospital Boston  
Boston, Massachusetts

Ronald Germain, MD, PhD  
NIAID  
National Institutes of Health  
Bethesda, Maryland

Christopher Goodnow, PhD  
John Curtin School of Medical Research  
Australian National University  
Canberra, Australia

Bodo Grimbacher, MD  
Royal Free Hospital & University College London, University Kingdom

Philippe Gros, PhD  
McGill University  
Montreal, Canada

Eyal Grunebaum, MD  
Hospital for Sick Children  
Toronto, Canada

Joel Hirschhorn, MD, PhD  
Children’s Hospital Boston  
Broad Institute  
Boston, Massachusetts

Haifa Jabara, PhD  
Children’s Hospital Boston  
Boston, Massachusetts

Christoph Klein, MD, PhD  
Dr. von Haunerschen Kinderspital  
Munich, Germany

Taco Kuijpers, MD, PhD  
Emma Children’s Hospital, AMC  
Amsterdam, The Netherlands

Yu-Lung Lau, MD  
University of Hong Kong  
Hong Kong, China

John Manis, MD  
Children’s Hospital Boston  
Boston, Massachusetts

László Maródi, MD, PhD  
University of Debrecen  
Medical & Health Science Center Debrecen, Hungary

Diane Mathis, PhD  
Joslin Diabetes Center  
Harvard Medical School  
Boston, Massachusetts

Eric Meffre, PhD  
Yale University School of Medicine  
New Haven, Connecticut

Fritz Melchers, PhD  
Max Planck Institute for Infection Biology  
Berlin, Germany

Yoshi Minegishi, MD, PhD  
Tokyo Medical and Dental University  
Tokyo, Japan

Shigeaki Nonoyama, MD, PhD  
National Defense Medical College  
Tokyo, Japan

Luigi Notarangelo, MD  
Children’s Hospital Boston  
Boston, Massachusetts

David Rawlings, MD  
Children’s Hospital Seattle  
Seattle, Washington

Anthony Segal, MD, PhD  
Centre for Molecular Medicine, UCL  
London, United Kingdom

Adrian Thrasher, MD, PhD  
Institute of Child Health  
Great Ormond Street Hospital  
London, United Kingdom

Nicholas Rider, D.O.  
Clinic for Special Children  
Strasburg, Pennsylvania

Jack Routes, MD  
Children’s Hospital of Wisconsin  
Milwaukee, Wisconsin

Xiaochuan Wang, MD, PhD  
Children’s Hospital of Fudan University  
Shanghai, China

Klaus Warnatz, MD, PhD  
University of Freiburg Medical Center  
Freiburg, Germany

John Ziegler, MD  
Sydney Children’s Hospital  
Sydney, Australia
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<td>Light Breakfast at The Rockefeller University</td>
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| 8:30am – 9:00am | **OPENING CEREMONY**  
Vicki and Fred Modell  
Co-Founders  
Jeffrey Modell Foundation  
Barry Coller, MD  
Vice President for Medical Affairs and Physician-in-Chief  
The Rockefeller University  
New York City  
**CHAIR:** Fritz Melchers, PhD  
Max Planck Fellow, Max Planck Institute for Infection Biology  
Berlin, Germany |
| 9:00am – 9:30am  | **KEYNOTE ADDRESS - NOBEL LAUREATE LECTURE**  
David Baltimore, PhD – “Engineering the Immune System” |
| 9:30am – 10:00am | Christopher Goodnow, PhD – “Checkpoints of Autoimmunity” |
| 10:00am – 10:30am | Coffee Break                                                        |
| 10:30am – 11:00am | **T CELL BIOLOGY AND IMMUNODEFICIENCY**  
**CHAIRS:** Michael Blaese, MD & José Ramón Regueiro, MD, PhD  
Diane Mathis, PhD – “Central Selection: Role of AIRE” |
| 11:00am – 11:30am | **MAX COOPER LECTURE**  
Alain Fischer, MD, PhD – “T Cell Immunodeficiencies” |
| 11:30am – 12:00pm | Christoph Klein, MD – “IL10 Deficiency”                               |
| 12:00pm – 1:00pm | Lunch                                                               |
| 1:00pm – 1:30pm | **THOMAS WALDMANN LECTURE**  
Luigi Notarangelo, MD – “Autoimmunity and Immunodeficiency: RAG Defects as a Paradigm” |
| 1:30pm – 2:00pm | Joel Hirschhorn, MD, PhD – “Susceptibility Genes for Autoimmunity”   |
| 2:00pm – 2:30pm | Geneviève de Saint Basile, MD – “Molecular Pathway of Granule-Dependent Cytotoxicity and CD8 T Cell Homeostasis” |
| 2:30pm – 3:00pm | **ROBERT A. GOOD LECTURE**  
Richard Gatti, MD – “Conquering AT: Small Molecules for the Treatment of Nonsense Mutations” |
| 3:00pm – 3:20pm | Coffee Break                                                        |
| 3:20pm – 3:50pm | Adrian Thrasher, PhD – “Hybrid Lentivirus Vectors”                   |
| 3:50pm – 4:20pm | Alessandro Aiuti, MD, PhD – “Gene Therapy: Lessons Learned and Future Considerations” |
| 4:20pm – 4:50pm | Eyal Grunebaum, MD – “TAT, PNP, and ADA”                             |

**Spring Ahead celebration**

25 years and still reaching for the stars

6:15pm  Meet in Waldorf Lobby (49th Street side).
6:30pm  Coaches depart for American Museum of Natural History (and will return after the event)
7:00pm  “Spring Ahead” Gala

**Attire:** Gentlemen – Dark Suits, Ladies – Very Festive Cocktail
FRIDAY, JUNE 3RD

7:15am – 8:00am Meet in Waldorf Lobby (49th Street side). Coaches will depart for The Rockefeller University.

7:30am – 8:30am Light Breakfast at The Rockefeller University

INNATE IMMUNITY

CHAIRS: Steven Holland, MD & Lloyd Mayer, MD

8:30am – 9:00am CLAUDE GRISCHELLI LECTURE Jean-Laurent Casanova, MD, PhD – “New Genetic Etiologies of Viral Illnesses of Childhood”

9:00am – 9:30am Bruce Beutler, MD – “Immunity at the Intestinal Barrier in the Mouse Model”

9:30am – 10:00am Tony Segal, MD, PhD – “Crohn’s Disease as a New Primary Immunodeficiency”

10:00am – 10:30am Coffee break

CHAIRS: Amos Etzioni, MD & Bobby Gaspar, MD, PhD

10:30am – 11:00am Bodo Grimbacher, MD – “New Primary Immunodeficiencies of Mucosal Barriers”

11:00am – 11:30pm Philippe Gros, PhD – “A New Primary Immunodeficiency of Phagocytes”

11:30am – 12:00pm David Rawlings, MD – “A Link Between Innate and Adaptive Immunity”

12:00pm – 1:00pm Lunch

B-CELL BIOLOGY & IMMUNODEFICIENCY

CHAIRS: Hans Ochs, MD & Mary Ellen Conley, MD

1:00pm – 1:30pm RALPH WEDGWOOD LECTURE Ronald Germain, MD, PhD – “Visualizing the Immune System in Action Using Dynamic Intravital Imaging”

1:30pm – 2:00pm John Manis, MD – “Overview of B Cell Development and Maturation”

2:00pm – 2:30pm Raif Geha, MD – “B Cell Signaling Defects” Haifa Jabara, PhD – “A novel PI with Agammaglobulinemia, Thrombocytopenia & Neutropenia”

2:30pm – 3:00pm Eric Meffre, PhD – “Autoimmunity in B Cell Defects”

3:00pm – 3:30pm Talal Chatila, MD – “Dock8 Deficiency”

3:30pm – 4:00pm Coffee break

CHAIRS: Charlotte Cunningham-Rundles, MD, PhD & Cox Terhorst, PhD

4:00pm – 4:30pm FRED ROSEN LECTURE Fred Alt, PhD – “Class Switch Recombination”

4:30pm – 5:00pm Klaus Warnatz, MD, PhD – “B Cell Phenotypes and Outcomes in CVID”

5:00pm – 5:30pm Taco W. Kuijpers, MD, PhD – “CD20 Deficiency”

EVENING:

Guests on their own to enjoy and explore

New York City
**SATURDAY, JUNE 4TH**

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<td><strong>LATE BREAKING NEWS: “WHERE IN THE WORLD ARE WE?”</strong></td>
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<tr>
<td>8:30am – 10:10am</td>
<td>Abdulaziz Al-Ghonaib, MD – Saudi Arabia</td>
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<td>(10 minutes each)</td>
<td>Waleed Al-Herz, MD – Kuwait</td>
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<td></td>
<td>Isil Barlan, MD – Turkey</td>
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<td>Aziz Bousifha, MD – Africa</td>
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<td></td>
<td>Antonio Condino, MD, PhD – Brazil</td>
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<td>Francisco Espinosa, MD – Mexico</td>
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<td>Yu-Lung Lau, MD – Hong Kong</td>
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<td>Yoshi Minegishi, MD, PhD – Japan</td>
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<td>Xiaochuan Wang, MD, PhD – China</td>
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<td>John Ziegler, MD – Australia</td>
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<tr>
<td>10:10am – 10:40am</td>
<td>Coffee Break</td>
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<tr>
<td><strong>EARLY DIAGNOSIS OF PI</strong></td>
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<tr>
<td>10:40am – 11:00am</td>
<td>Nicholas Rider, D.O. – “Plain and Simple: The Amish &amp; Mennonite Populations”</td>
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<tr>
<td>11:00am – 11:20am</td>
<td>László Maródi, MD, PhD – “The Journey of the “J Project”</td>
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<td>11:20am – 11:40am</td>
<td>Jack Routes, MD – “What’s New in Newborn Screening”</td>
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<tr>
<td>11:40am – 12:00pm</td>
<td>Shigeaki Nonoyama, MD, PhD – “Newborn Screening for B Cell Deficiencies”</td>
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<td><strong>CLOSING CEREMONY</strong></td>
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<tr>
<td>12:00pm – 12:30pm</td>
<td>Max Cooper, MD – “Let’s Wrap it Up”</td>
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<tr>
<td>12:30pm – 1:45pm</td>
<td><strong>CLOSING LUNCHEON</strong></td>
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<td>After lunch, Coaches will return guests to Waldorf*</td>
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<td></td>
<td>(*except for Jeffrey Modell Diagnostic &amp; Research Centers Directors)</td>
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<tr>
<td>2:00pm – 3:00pm</td>
<td>Jeffrey Modell Centers Network Meeting</td>
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<td>(For Jeffrey Modell Diagnostic &amp; Research Centers Directors)</td>
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**“Watching the Sunset with Miss Liberty in New York Harbor”**

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<td>6:15pm</td>
<td>Coaches depart for P.J. Clarke’s on the Hudson</td>
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<tr>
<td>7:00pm</td>
<td><strong>A FUN FAREWELL</strong></td>
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<td>Enjoy American food and live music on the waterfront</td>
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<td>Burgers, buns, beers, banjos, and a jukebox!</td>
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<td><strong>Attire:</strong> Casual, bring a sweater and light jacket in case of cool weather.</td>
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</tbody>
</table>
“A Global Get-Together”

with representation from:

- Albania
- Argentina
- Australia
- Austria
- Azerbaijan
- Belgium
- Bosnia
- Brazil
- Bulgaria
- Canada
- Chile
- China
- Colombia
- Costa Rica
- Croatia
- Czech Republic
- Egypt
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- India
- Iran
- Ireland
- Israel
- Italy
- Japan
- Jordan
- Korea
- Kuwait
- Latvia
- Lebanon
- Lithuania
- Malaysia
- Mexico
- Morocco
- Netherlands
- Norway
- Oman
- Poland
- Portugal
- Romania
- Russia
- Saudi Arabia
- Serbia
- Slovakia
- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Taiwan
- Tunisia
- Turkey
- United Arab Emirates
- United Kingdom
- United States
- Venezuela
- Vietnam

Vicki and Fred Modell established the Jeffrey Modell Foundation in 1987, in memory of their son Jeffrey, who died at the age of fifteen from complications of Primary Immunodeficiency – a genetic condition that is chronic, serious, and often fatal. JMF is a global nonprofit organization dedicated to early diagnosis, meaningful treatments and, ultimately, cures through research, physician education, public awareness, advocacy, patient support and newborn screening.

JEFFREY MODELL CENTERS NETWORK

- 100 Jeffrey Modell Diagnostic and Research Centers worldwide
- 460 Expert Physicians
- 196 Academic Institutions
- 191 Cities
- 58 Countries
- 6 Continents

….and continues to expand globally – promoting Hope, Advocacy and Action...