



SCIENCE FOR THE BENEFIT OF HUMANITY

## **The Henry Kunkel Society Annual Meeting**

Marriott Wardman Hotel

Washington, D.C.

June 22–23, 2011

# Henry George Kunkel

1916-1983

Henry Kunkel received his B.S. degree from Princeton and his M.D. degree from Johns Hopkins University. He arrived at The Rockefeller Institute (now University) in 1945 where he spent his entire scientific career until his death in 1983. His contributions to the field of basic and clinical immunology are legendary. He made numerous seminal observations in liver disease, rheumatic diseases and other allied disorders.

He was perhaps best known for his pioneering and extensive studies on the immunoglobulins. His recognition that myeloma proteins were a model for the study of the structure of normal immunoglobulins had a global impact on investigations of the structure, function and inheritance of these molecules. The elucidation of the chain structure of gamma globulin and the recognition that immunoglobulins possessed individual antigenic specificity (idiotypes) were internationally recognized discoveries.

Dr. Kunkel was the recipient of many awards and honors, including membership in the National Academy of Sciences, honorary degrees from Universities of Uppsala and Harvard, and recipient of the Lasker and Gairdner Awards and the Kovalenko Medal of the National Academy of Sciences.

## Henry Kunkel Society Officers

President . . . . . Max D. Cooper  
Vice President . . . . . Westley Reeves  
Secretary . . . . . Betty Diamond  
Treasurer . . . . . John Zabriskie

## Henry Kunkel Society Lecturers

1992. . . . . Louis Kunkel  
1993 . . . . . David Ho  
1994. . . . . Benvenuto Pernis  
1996 . . . . . Jeffrey Ravetch  
1997 . . . . . Anthony Fauci  
1998. . . . . Klaus Rajewsky  
1999 . . . . . Peter Doherty  
2000 . . . . . Max D. Cooper  
2001 . . . . . Fritz Melchers  
2002. . . . . Tasuku Honjo  
2003 . . . . . Fred Rosen  
2004 . . . . . Diane Mathis  
2005. . . . . Charles Weissman  
2006. . . . . Ralph M. Steinman  
2007. . . . . Antonio Lanzavecchia  
2008. . . . . John Atkinson  
2009 . . . . . Thomas Tuschl  
2010. . . . . Frederick Alt

## Henry Kunkel Society Members

Sergio Abrignani\*  
Luciano Adorini\*  
Vincent Agnello  
Irma Airoidi\*  
Arne N. Akbar  
Donato Alarcon-Segovia\*  
Matthew Albert  
Mara Luisa (Marisa) Alegre  
Chester A. Alper  
Sebastian Amigorena  
Ulf Anderson\*  
Paul J. Anderson\*  
William P. Arend  
John P. Atkinson  
K. Frank Austen  
Stratis Avrameas  
Raffaele Badolato  
David Bahler  
Vincenzo Barnaba  
Craig Bassing<sup>†</sup>  
Antony Basten  
Ekkehard K. F. Bautz\*  
Alexander Bearn<sup>#</sup>  
Timothy W. Behrens  
Baruj Benacerraf  
J. Claude Bennett  
Christophe O. Benoist\*  
Zvi Bentwich\*

Kåre Berg\*  
Ira Berkower  
Robert D. Bigler, II\*  
Richard S. Blumberg  
Linda K. Bockenstedt  
Bjarne Bogen  
Stefano Bombardieri\*  
Constantin A. Bona\*  
Marina Botto  
Jean-Pierre Bouvet\*  
Joseph Boyle<sup>†</sup>  
Thomas J. Braciale  
Ferdinand C. Breedveld\*  
Michael Brenner  
Stanley Louis Bridges  
Thomas Brocker<sup>†</sup>  
Eric Brown  
Teodor-Boru Brumeanu\*  
Gerd-Rudiger Burmester  
Joel Buxbaum\*  
Jill Buyon  
John C. Byrd  
Michael Cahalan  
Federico Caligaris-Cappio  
Michael P. Cancro  
Daniela Capello\*  
J. Donald Capra  
Ronald I. Carr\*

Michael C. Carroll  
Robert H. Carter  
Paolo Casali  
Jean-Laurent Casanova  
Rafael Casellas\*  
Michael Centola  
Anthony Cerami\*  
Andrea Cerutti  
Ethel Cesarman  
Edward K. L. Chan  
Andrew Chan  
George K. Chandy  
Lucienne Chatenoud\*  
Talal Chatila<sup>†</sup>  
Triantafyllos Chavakis  
Youhai Chen  
Selina Chen-Kiang\*  
Nicholas Chiorazzi  
Francis V. Chisari  
Carlo Chizzolini  
Charles Christian  
Charles Chu<sup>†</sup>  
Marcus Ramsay Clark  
Edward A. Clark  
Charles Cochrane\*  
Richard Coico<sup>†</sup>  
Mary Ellen Conley\*  
Gabriela Constantin

H. Terence Cook  
David Cooper  
Max D. Cooper  
Andrew P. Cope\*  
Joseph Craft  
Carlo M. Croce  
Alan Cross  
Mary K. Crow  
Charlotte Cunningham-Rundles  
Riccardo Dalla-Favera  
Rajendra Damle<sup>†</sup>  
Franco Dammacco\*  
Robert B. Darnell  
Anne Davidson  
Randall S. Davis  
Noorbibi K. Day\*  
Jean-Michel Dayer  
Paolo Dellabona  
Stephen V. Desiderio\*  
Kavita Dhodapkar\*  
Madhav V. Dhodapkar\*  
Betty A. Diamond  
Howard Dickler  
Guillermo Dighiero\*  
Teresa P. DiLorenzo  
Walter H. Doerfler\*  
Peter C. Doherty\*

|                              |                                     |                                     |                                    |                                  |
|------------------------------|-------------------------------------|-------------------------------------|------------------------------------|----------------------------------|
| Thomas Dörner*               | John A. Hardin*                     | Ravinder N. Maini                   | Rodney Ernest Phillips             | Louis Staudt*                    |
| Daniel Douek                 | David M. Harlan                     | Fabio Malavasi                      | Matthew Pickering                  | Bettie M. Steinberg <sup>†</sup> |
| Terry William Du Clos        | John B. Harley                      | Mark J. Mamula                      | David S. Pisetsky*                 | Ralph M. Steinman                |
| Anne Durandy                 | Jeffrey Hasday*                     | Mart Mannik                         | Vito Pistoia                       | Freda K. Stevenson               |
| George Ebers                 | Dorian Haskard                      | Alberto Mantovani                   | K. Michael Pollard                 | William Stohl                    |
| Dimitar G. Efremov           | Peter Henson                        | Markus G. Manz                      | Richard M. Pope                    | Kathleen Sullivan                |
| Michael Ehrenstein           | Kevan C. Herold                     | John J. Marchalonis*                | David N. Posnett*                  | Yoshinari Takasaki               |
| Götz Ehrhardt                | Rafael Herrera-Esparza <sup>†</sup> | Francesco M. Marincola*             | Robert Prendergast                 | Norman Talal*                    |
| Klaus Eichmann               | Martin Herrmann*                    | Joseph A. Markenson                 | Luminita Pricop*                   | Eng M. Tan                       |
| Robert A. Eisenberg          | Ingrid Birgitta Heyman*             | Ann Marshak-Rothstein               | Andreas Radbruch                   | Alexander Tarakhovskiy           |
| Hani El-Gabalawy             | Falk Hiepe                          | Ana Martinez*                       | Marko Z. Radic                     | Kristin Tarbell                  |
| Keith Elkon                  | Adrian Hill*                        | Giuseppe Matarese*                  | Kanti R. Rai                       | Naomi Taylor                     |
| Doruk Erkan*                 | Jules Hirsch                        | Diane J. Mathis*                    | Klaus Rajewsky*                    | Francesco Tedesco                |
| Luis R. Espinoza*            | Richard J. Hodes*                   | Lloyd Mayer                         | Joyce Rauch                        | Cox Terhorst                     |
| Paul Evans <sup>†</sup>      | V. Michael Holers                   | Maclyn McCarty*                     | Jeffrey Ravetch                    | Argyrios N. Theofilopoulos       |
| Zsuzsa Fabry                 | Steven M. Holland                   | James McCluskey*                    | Stanley Read*                      | Robert Thoburn                   |
| Andras Falus                 | Halsted R. Holman                   | Joseph (Mike) McCune                | Ann Reed <sup>†</sup>              | Adrian Thrasher                  |
| Donna L. Farber              | David Horn*                         | A. McGehee Harvey*                  | Westley H. Reeves                  | Angela Tincani*                  |
| A. Darise Farris             | Alan N. Houghton*                   | Victor McKusick                     | Morris Reichlin                    | Thomas Tomasi*                   |
| C. Garrison Fathman          | Thomas W. J. Huizinga*              | Ruslan Medzhitov*                   | Bernardo Reina-                    | Kevin J. Tracey*                 |
| Douglas Thomas Fearon        | Mary Beth Humphrey                  | Eric Meffre                         | San Martin                         | Elisabetta Traggiai*             |
| Ten Feizi                    | John Hurley <sup>#</sup>            | Fritz Melchers                      | Maria Rescigno                     | Edward L. Treadwell              |
| Marc Feldmann                | David A. Isenberg                   | Elizabeth D. Mellins                | Michael Reth                       | Giorgio Trinchieri               |
| Gianfranco Ferraccioli       | Kimishige Ishizaka                  | Henri Menard                        | Lisa G. Rider                      | Jurg Tschopp <sup>#</sup>        |
| Manlio Ferrarini             | Lionel B. Ivashkiv                  | Miriam Merad                        | William C. Robbins                 | George Tsokos                    |
| Erol Fikrig*                 | Bana Jabri                          | Pier Luigi Meroni*                  | William Robinson                   | Naoyuki Tsuchiya                 |
| Terri Finkel                 | Hans-Martin Jäck                    | Joan T. Merrill                     | Toby Rodman                        | Shannon Turley <sup>†</sup>      |
| Alison Finnegan              | Chaim Oscar Jacob                   | Jiri Mestecky*                      | Martin Rodriguez                   | Antonio Uccelli*                 |
| Gary S. Firestein            | Israeli Jaffe*                      | Christine Metz <sup>†</sup>         | Santiago Rodriguez                 | Jonathan W. Uhr                  |
| Vincent Fischetti*           | Judith A. James                     | Dror Mevorach <sup>†</sup>          | de Cordoba                         | Raivo Uibo                       |
| Zvi Fishelson*               | Roland Jonsson                      | Mary Ann Michelis                   | Axel Roers <sup>†</sup>            | Emil R. Unanue                   |
| David E. Fisher*             | Dieter Kabelitz                     | Peter A. Miescher                   | Lars Rönnblom                      | Derya Unutmaz                    |
| Richard A. Flavell           | Joachim R. Kalden                   | Fred Miller                         | Antony Rosen                       | Jacques Urbain                   |
| Thomas A. Fleisher           | Insoo Kang*                         | Eric C. B. Milner*                  | Fred Rosen <sup>#</sup>            | Paul J. Utz                      |
| Ira J. Fox                   | Gilla Kaplan                        | Toshihide Mimura                    | Agueda A. Rostagno*                | Anders G. Vahlne                 |
| Marvin Fritzier              | Mikael Karlsson <sup>†</sup>        | Seiji Minota                        | Thomas Rothstein                   | Andrea Vambutas <sup>†</sup>     |
| Yang-Xin Fu Fu*              | Jonathan D. Katz                    | Chandra Mohan                       | Robert A. S. Roubey*               | Wesley C. Van Voorhis*           |
| Shu Man Fu                   | Michel D. Kazatchkine*              | Tom Eirik Mollnes                   | Robert L. Rubin*                   | Charles S. Via                   |
| Herman Fudenberg             | Jack D. Keene                       | Patricia K. A. Mongini <sup>†</sup> | Alexander Y. Rudensky <sup>†</sup> | Anna Villa                       |
| Sarah L. Gaffen              | Robert Kimberly                     | Laurence Morel                      | Carlo Russo*                       | Herbert W. Virgin <sup>†</sup>   |
| Patrick Gaffney <sup>†</sup> | Paul W. Kincade                     | Lorenzo Moretta                     | Federica Sallusto                  | Ulrich H. Freiherr               |
| Gianluca Gaidano             | Thomas Kindt*                       | Jane Morse <sup>#</sup>             | Jane E. Salmon                     | von Andrieh-Werburg*             |
| Thomas F. Gajewski*          | Te Piao King                        | Bernard Moser                       | Hugh A. Sampson                    | Harald von Boehmer*              |
| Uri Galili                   | Michael Kirschfink                  | William A. Muller                   | Inger Sandlie                      | Takaji Wakita                    |
| Ignacio Garcia-De La Torre   | Lars Klareskog                      | Hans Muller-Eberhard <sup>#</sup>   | Matyas Sandor                      | Herman Waldmann                  |
| Ralf S. Geha                 | Kim L. Kline                        | Philip M. Murphy                    | Laura Santambrogio <sup>†</sup>    | Mark Jeremy Walport*             |
| James L. German, III*        | Glen Knight                         | Bertrand Nadel <sup>†</sup>         | Ignacio Sanz                       | Chang-Yi Wang*                   |
| M. Eric Gershwin             | Daniel M. Knowles                   | Carl F. Nathan                      | Minoru Satoh                       | Jingsong Wang                    |
| Paolo Ghia                   | Hon-Sum Ko                          | Jacob B. Natvig                     | Georg Schett                       | H. Shaw Warren                   |
| Allan Gibofsky               | Alisa E. Koch*                      | Gerald Thomas Nepom                 | Claudine Schiff                    | Richard L. Wasserman*            |
| Irma Gigli*                  | David Koffler*                      | Janko Nikolich-Zugich               | Harry W. Schroeder, Jr.            | Martin Weigert                   |
| Gray Steven Gilkeson         | Frits Koning                        | Kenneth Nilsson                     | Peter H. Schur                     | Marc Weksler                     |
| Martin John Glennie          | Dwight H. Kono                      | Falk Nimmerjahn                     | R. Hal Scofield                    | Hans Ulrich Weltzien*            |
| Laurie Glimcher              | Phillippe H. A. Kourilsky*          | Douglas F. Nixon                    | Gavin Screaton <sup>†</sup>        | Peter P. Wernet                  |
| Otto Goetze*                 | Michael Krangel <sup>†</sup>        | Gustav J. V. Nossal                 | Benjamin M. Segal                  | Per Westermark*                  |
| Leslie Gold                  | Richard Krause                      | Luigi D. Notarangelo                | Yufang Shi                         | Cornelia M. Weyand               |
| Raphaella Goldbach-          | James G. Krueger                    | Jan Novak                           | Mark Jay Shlomchik                 | Juergen Wienands <sup>†</sup>    |
| Mansky                       | Vijay Kuchroo                       | Victor Nussenzweig                  | Frederick P. Siegal*               | Ralph C. Williams, Jr.           |
| Robert A. Good <sup>#</sup>  | Dinakantha Kumararatne              | Michel C. Nussenzweig               | Leslie E. Silberstein              | Patrick C. Wilson                |
| Tom Gordon*                  | Steven Kunkel                       | Hans D. Ochs                        | Gregg Silverman                    | Robert J. Winchester             |
| Siamon Gordon                | Louis Kunkel                        | Lloyd Old                           | Roy L. Silverstein*                | John Winfield                    |
| Jorg J. Goronzy              | Antonio La Cava                     | Michael B. A. Oldstone              | Franco Silvestris*                 | Jedd Wolchok*                    |
| Emil C. Gotschlich           | Peter J. Lachmann                   | Eugene Oltz <sup>†</sup>            | Alfred Singer                      | Kai W. Wucherpfennig             |
| Susan R. S. Gottesman        | Robert G. Lahita                    | Anders Orn                          | Ram Singh                          | Kazuhiko Yamamoto                |
| Alice B. Gottlieb            | Antonio Lanzavecchia                | Barbara Anne Osborne                | Francesco Sinigaglia*              | William Yount                    |
| Arthur Grayzel               | Jeffery A. Ledbetter*               | C. Kirk Osterland                   | John Patrick Sissons               | John Zabriskie                   |
| Mark Grebenau                | David M. Lee                        | Mario A. Ostrowski                  | Marjorie Slinkard                  | Debra Jeske Zack                 |
| Mark I. Greene               | Paul J. Lehner*                     | Shoichi Ozaki                       | Barry Sleckman                     | Habib Zaghouani                  |
| Howard M. Grey               | Peter Lipsky*                       | Stephen A. Paget*                   | Kendall Smith                      | Maurizio Zanetti*                |
| Bodo Grimbacher              | Sergio A. Lira                      | Savita Pahwa                        | Kenneth G. C. Smith                | Pan Zheng*                       |
| Luca Guidotti                | Gary W. Litman                      | Eric G. Pamer*                      | Josef Smolen                       | Rolf Zinkernagel                 |
| Sudhir Gupta                 | Stephen Litwin*                     | Sunpho Park                         | Scott Snapper                      | Yong-Rui Zou <sup>†</sup>        |
| David A. Hafler*             | Yang Liu                            | Virginia Pascual*                   | Eric Sobel*                        | Moncef Zouali*                   |
| Kathleen A. Haines*          | Miguel Lopez-Botet                  | Dhavalkumar D. Patel                | Ludvig M. Sollid                   |                                  |
| William W. Hall              | Pier Luigi Luigi Meroni*            | Andras Perl <sup>†</sup>            | Alan Solomon                       | <sup>†</sup> New member          |
| Lars Hanson                  | Xiaojing Ma*                        | Peter Perlmann*                     | Silvano Sozzani                    | * Inactive                       |
| Morten Harboe                | Crystal L. Mackall                  | Benvenuto Pernis                    | Kostas Stamatopoulos               | <sup>#</sup> Deceased            |

# Program

June 22, 2011

- 8:30 a.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Welcoming Remarks**  
**Max D. Cooper**  
President, *The Henry Kunkel Society*  
Emory University School of Medicine, Atlanta, GA
- 8:45–10:45 a.m.
- Session I**  
*Inflammation and Auto-Inflammatory Disorders*  
Co-Chairs: Westley Reeves and Robert Kimberly
- 8:45 a.m.
- Polly Matzinger (Invited Guest)**  
National Institute of Allergy and Infectious Diseases, NIH, Bethesda, MD  
*Tissue-based class control: the other side of tolerance*
- 9:15 a.m.
- Mihai G. Netea (Invited Guest)**  
Radboud University Nijmegen Medical Center, The Netherlands  
*Autoinflammatory syndromes*
- 9:45 a.m.
- Kenneth Smith (Member)**  
University of Cambridge School of Clinical Medicine, United Kingdom  
*A common gene expression signature in CD8+ T cells predicts long-term prognosis in autoimmune (SLE and ANCA-associated vasculitis) and autoinflammatory (Crohn's disease and ulcerative colitis) diseases*
- 10:15 a.m.
- Giorgio Trinchieri (Member)**  
National Cancer Institute, Frederick, MD  
*Crisscrossing inflammatory and cancer pathways*
- 10:45 a.m.
- Break**
- 11:15 a.m.–5:00 p.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Session II**  
*Presentations Chosen from Submitted Abstracts*  
Co-Chairs: Mary K. Crow and Federico Caligaris-Cappio
- 11:15 a.m.
- Patricia Mongini (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*Roles for a COX-2/PGE2 axis within cycling human B lymphocytes*
- 11:30 a.m.
- Bettie Steinberg (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*Constitutive COX-2/PGE2 expression in recurrent respiratory papillomatosis: a therapeutic target*
- 11:45 a.m.
- Mikael Karlsson (New Member)**  
Karolinska Institutet, Stockholm, Sweden  
*NKT cell regulation of B cells in autoimmunity*
- 12:00 p.m.
- Lunch**
- Session II, continued**
- 1:30 p.m.
- Andrea Vambutas (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*The role of interleukin-1 and cross reacting antigens in autoimmune inner ear disease*

- 1:45 p.m. **Andras Perl (New Member)**  
SUNY, Upstate Medical University, Syracuse, NY  
*Systems biology of lupus: mapping the impact of genomic and environmental factors for selection of treatment targets*
- 2:00 p.m. **Patrick Gaffney (New Member)**  
Oklahoma Medical Research Foundation, Oklahoma City  
*Characterization of a functional polymorphism in the region of TNFAIP3 in systemic lupus erythematosus*
- 2:15 p.m. **Christine Metz (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*Acute kidney injury is suppressed by cholinergic agonists: effects on proteasome inhibition*
- 2:30 p.m. **Axel Roers (New Member)**  
Institute for Immunology, Dresden, Germany  
*Mast cells promote the allergic sensitization to haptens by mediating their auto-adjvant effects*
- 2:45 p.m. **Andras Falus (Member)**  
Semmelweis University, Budapest, Hungary  
*Histamine regulates epigenetic elements in antitumor immune response*
- 3:00 p.m. **Break**
- 3:20 p.m. **Michael Krangel (New Member)**  
Duke University Medical Center, Durham, NC  
*Chromatin conformations and contacts that support Tcr $\alpha$ /Tcr $\delta$  locus recombination*
- 3:35 p.m. **Craig Bassing (New Member)**  
Children's Hospital of Philadelphia, PA  
*Regulation of antigen receptor allelic exclusion by ATM dependent mechanisms*
- 3:50 p.m. **Charles C. Chu (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*Apoptosis leading to the exposure of cytoplasmic myosin provides antigen recognized by natural antibodies and many chronic lymphocytic leukemia antibodies*
- 4:05 p.m. **Dror Mevorach (New Member)**  
Hadassah-Hebrew University Medical Center, Jerusalem, Israel  
*Early apoptotic cells cellular treatment: mechanisms and indications*
- 4:20 p.m. **Rafael Herrera-Esparza (New Member)**  
CBE Universidad Autónoma de Zacatecas, Mexico  
*The presence of citrulline in salivary glands is evidence that nitric oxide mediates inflammation in Sjogren's acinar epithelia*
- 4:35 p.m. **Laura Santambrogio (New Member)**  
Albert Einstein College of Medicine, Bronx, NY  
*Accumulation of carbonylated protein aggregates in aging APCs compromises MHC class II-restricted immune responses*

## June 23, 2011

- 8:30–10:00 a.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Session III**  
*Immune Cell Subsets*  
Co-Chairs: Federica Salusto and Kendall Smith
- 8:30 a.m.
- Abul Abbas (Invited Guest)**  
University of California, San Francisco  
*The effector/regulatory T cell balance: controlling autoimmunity*
- 9:00 a.m.
- Andreas Radbruch (Member)**  
Deutsches Rheuma-Forschungszentrum Berlin, Germany  
*Resting memory: memory plasma cells and memory T helper cells*
- 9:30 a.m.
- Thomas Rothstein (Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*The human B1 cell subset*
- 10:00 a.m.
- Break**
- 10:30 a.m.–12:00 p.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Session IV**  
*Update on Multiple Sclerosis*  
Co-Chairs: Laurence Morel and Vito Pistoia
- 10:30 a.m.
- David A. Hafler, M.D. (Member)**  
Yale School of Medicine, New Haven, CT  
*T regulatory cells and genetics in MS*
- 11:00 a.m.
- Amit Bar-Or, M.D. (Invited Guest)**  
University of Montreal, Canada  
*B cells and B-cell functions in MS*
- 11:30 a.m.
- Antonio Uccelli, M.D. (Member)**  
Universita' degli Studi di Genova, Italy  
*Mesenchymal stem cell therapy in MS*
- 12:00 p.m.
- Lunch**
- 1:00 p.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Annual Henry Kunkel Society Members Meeting**
- 1:30–3:30 p.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Session V**  
*Presentations Chosen from Submitted Abstracts*  
Co-Chairs: Ann Marshak-Rothstein and Eric Meffre
- 1:30 p.m.
- Gavin Screaton (New Member)**  
Imperial College, Hammersmith Hospital, London, United Kingdom  
*Immunopathology in dengue virus infection*
- 1:45 p.m.
- Anne Durandy (Member)**  
INSERM, Hôpital Necker Enfants Malades, Paris, France  
*Different modes of action for human mismatch repair enzymes during antibody maturation*
- 2:00 p.m.
- Juergen Wienands (New Member)**  
Institute of Cellular and Molecular Immunology, Goettingen, Germany  
*The Immunoglobulin Tail Tyrosine: a critical signal switch for improved antibody responses by class-switched memory B cells*

- 2:15 p.m. **Bernard Moser (Member)**  
Cardiff University School of Medicine, United Kingdom  
*Human gd T-APCs: a novel type of antigen-presenting cell*
- 2:30 p.m. **Yong-Rui Zou (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*Grb2 signaling in B cells controls lymphoid follicle organization and germinal center reaction*
- 2:45 p.m. **Rafael Casellas (Member)**  
Genomics and Immunity, NIAMS-NCI, NIH, Bethesda, MD  
*A mouse model of endemic Burkitt translocations reveals the epigenetic and 3D boundaries of oncogene deregulation*
- 3:00 p.m. **Bertrand Nadel (New Member)**  
Centre d'Immunologie de Marseille-Luminy (CIML), France  
*Follicular lymphoma-like B cells in healthy individuals are released from pre-tumoral niches established in secondary lymphoid tissues*
- 3:15 p.m. **Rajendra N. Damle (New Member)**  
The Feinstein Institute for Medical Research, Manhasset, NY  
*CCR4-ligand interaction provides accessory signals to BCR- and TLR-9 mediated outcomes in chronic lymphocytic leukemia*
- 3:30 p.m. **Break**
- 3:50–5:00 p.m.  
**Lincoln Rooms 3 & 4  
Exhibition Level**
- Session VI**  
*Immune Responses to Viruses*  
Co-Chairs: Savita Pahwa and Kostas Stamatopoulos
- 3:50 p.m. **Antonio Lanzavecchia (Member)**  
Institute for Research in Biomedicine, Bellinzona, Switzerland  
*The human antibody response to influenza virus*
- 4:20 p.m. **Patrick Wilson (Member)**  
University of Chicago, IL  
*Broadly cross-reactive antibodies dominate the human B-cell response against 2009 pandemic H1N1 influenza virus infection*
- 4:50 p.m. **Michel Nussenzweig (Member)**  
The Rockefeller University, Howard Hughes Medical Institute, New York, NY  
*The human antibody response to HIV*
- Transfer to Thurgood Marshall West, Mezzanine Level**
- 5:30 p.m. **Introduction of 2011 Henry Kunkel Society Lecturer**  
**Max D. Cooper**  
President, *The Henry Kunkel Society*  
Emory University School of Medicine, Atlanta, GA
- 5:35 p.m. **Annual Henry Kunkel Society Lecture**  
**Mark M. Davis**  
Avery Family Professor of Immunology  
Stanford University School of Medicine, Stanford, CA  
*Adventures in human immunology*
- 7:00 p.m. **Henry Kunkel Society Annual Members Dinner**  
Cafe Paradiso  
2649 Connecticut Avenue NW  
Washington, DC

