

Author Index

- Abraham, Edward, 4795
Adcock, Ian M., 4913
Africa, Hadn, 4833
Ahmed, Rafi, 4876
Alpers, Charles E., 4525
Amara, Khaled, 4551
Amraoui, Sonia, 4697
Anagnostopoulos, Achilles, 4518
Austin, James W., 4876
- Bacchetta, Marc, 4804
Baez, Ineavely, 4610
Baldanzi, Gianluca, 4921
Balfour, Henry H., Jr., 4492
Banerjee, Srinita, 4867
Bannard, Oliver, 4601
Barnard, Charlene, 4833
Barnes, Peter J., 4913
Barnum, Scott R., 4469
Belessi, Chrysoula, 4518
Bellec, Jessica, 4804
Benitez, Abigail, 4610
Bhavsar, Pankaj K., 4913
Blatt, Katharina, 4867
Blättermann, Stefanie, 4774
Bogen, Bjarne, 4697
Boggio, Elena, 4921
Boldison, Joanne, 4541
Bosinger, Steven E., 4666
Boss, Jeremy M., 4876
Boulanger, Pierre, 4804
Bowerman, Natalie A., 4571
Bowie, Andrew G., 4821
Bozec, Aline, 4852
Buggert, Marcus, 4685
Bullard, Daniel C., 4469
Bunnell, Stephen C., 4655
- Caldwell, Harlan D., 4648
Canetti, Cláudio, 4765
Cao, Xu, 4560
Cappellano, Giuseppe, 4921
Cartwright, Emily K., 4666
Carty, Michael, 4821
Casiano, Carlos M., 4610
Cella, Marina, 4487
Cervasi, Barbara, 4666
Chahroudi, Ann, 4666
Chanson, Marc, 4804
Chartomatsidou, Elisavet, 4518
Chatzouli, Maria, 4518
Chaves, Mariana M., 4765
Chen, Jing, 4783
Chen, Lina, 4581
Cheong, Cheolho, 4655
Cheynier, Rémi, 4697
Chiocchetti, Annalisa, 4921
Chou, Chun, 4620
Chu, Colin J., 4541
Chung, Kian Fan, 4913
Chung, Nancy P. Y., 4628
Clarke, Colin, 4913
Colburn, Keith, 4610
Collman, Ronald G., 4666
Colonna, Marco, 4487
Conti, Laura, 4921
Cooley, Sarah, 4592
Copland, David A., 4541
Cortez, Victor S., 4487
Couédel-Courteille, Anne, 4697
Coutinho-Silva, Robson, 4765
Craig, Andrew W. B., 4859
Crawford, Frances, 4571
- Crespin, Sophie, 4804
Cuento, Rosemarie A., 4497
Cyster, Jason G., 4601
- Daenthanasamak, Anusara, 4636
Dagur, Pradeep K., 4497
Dai, Hui, 4533
Dalod, Marc, 4510, 4697
Da Silva, Diane M., 4748
Davidson, Donna C., 4674
de Kock, Marwou, 4833
DeLeo, Frank R., 4709
Deshane, Jessy, 4795
Dianzani, Chiara, 4921
Dianzani, Umberto, 4921
Dick, Andrew D., 4541
Ding, Aihao, 4821
Dong, Hong-Liang, 4533
Douagi, Iyadh, 4551
Dudez, Tecla, 4804
Dunmire, Samantha K., 4492
Dutertre, Charles-Antoine, 4697
Duvvuri, Bhargavi, 4581
Duvvuri, Venkata R., 4581
- Egawa, Takeshi, 4620
Elliott, Sarah T. C., 4666
Evans, Kyle, 4897
Everingham, Stephanie, 4859
- Falta, Michael T., 4571
Fang, Huang, 4783
Fantozzi, Roberto, 4921
Feuillet, Vincent, 4697
Figueiredo, Constanca, 4636
Fiskesund, Roland, 4551
Fitzgerald, Katherine A., 4821
Focke-Tejkl, Margit, 4867
Fontenot, Andrew P., 4571
Fossum, Even, 4697
Francis, Olivia L., 4610
Fredriksson, Karin, 4497
Frostegård, Johan, 4551
Fuchs, Anja, 4487
Fukao, Taro, 4483
Fukuda, Yoko, 4483
- Ganser, Arnold, 4636
Gao, Peisong, 4560
Gao, Xiao-Ming, 4533
Gapin, Laurent, 4475
Gaughan, John, 4897
Ghia, Paolo, 4518
Gigliotti, Casimiro Luca, 4921
Gilfillan, Susan, 4487
Giovarelli, Mirella, 4921
Gong, Fang-Yuan, 4533
Gonzalez, Jennifer, 4610
Greenlee-Wacker, Mallary C., 4709
Gregoire, Murielle, 4795
Grigull, Jörg, 4581
Guethlein, Lisbeth A., 4592
Guikema, Jeroen E. J., 4887
Gürtler, Claudia, 4821
Gütschow, Michael, 4774
Guzmán, Carlos A., 4636
- Haagenson, Michael D., 4592
Hacohen, Nir, 4655
Hanekom, Willem A., 4833
Harris, Claire L., 4844
Hashiguchi, Tomomitsu, 4739
Hawn, Thomas R., 4833
- Hecht, Frederick M., 4685
Hedlund, Sebastian, 4483
Heinemann, Akos, 4774
Hendricks, Deborah W., 4492
Henson, David M., 4620
Hogquist, Kristin A., 4492
Hong, Saw See, 4804
Hosmalin, Anne, 4697
Hsu, Sheri, 4610
Huang, Shau-Ku, 4560
Hudkins, Kelly L., 4525
- Ipseiz, Natacha, 4852
Isik, Gözde, 4628
Iwamoto, Yukihide, 4739
- Jackson, Joseph W., 4674
Jackson, Shaun W., 4525
Jamnik, Veronica, 4581
Jandl, Katharina, 4774
Jiang, Shaoning, 4795
Jones, Sara E., 4813
Jourdain, Jean-Pierre, 4697
- Kappler, John W., 4571
Kapur, Reuben, 4859
Kari, Laszlo, 4648
Karlsson, Annika C., 4685
Kaspers, Bernd, 4510
Kast, W. Martin, 4748
Kayo, Hiroyuki, 4483
Kearney, Jay, 4821
Kearns, Daniel B., 4813
Keeran, Karen J., 4497
Khaier, Lyne, 4887
Khera, Tarnjit K., 4541
Khim, Socheath, 4525
Klein, John P., 4592
Knight, Katherine L., 4813
Kobayashi, Scott D., 4709
Köhler, Thilo, 4804
Kolhatkar, Nikita S., 4525
Kollia, Panagoula, 4518
Kollmann, Tobias, 4833
Konya, Viktoria, 4774
Kosmiadi, George A., 4718
Kostenis, Evi, 4774
Krönke, Gerhard, 4852
- Ladner, Martha, 4592
Lai, Chao-Qiang, 4655
Lait, Philippa J. P., 4541
Lam, Jonathan K., 4497
Längler, Florian, 4636
Lanier, Lewis L., 4492
Larkin, Bridget M., 4655
Lawson, Benton, 4666
Lee, Steve, 4610
Leto, Thomas L., 4728
Leus, Niek G. J., 4887
Le Vern, Yves, 4510
Levine, Stewart J., 4497
Li, Changjun, 4560
Li, Quan-Zhen, 4525
Li, Rui, 4758
Li, Zhan-Guo, 4533
Liggitt, Denny, 4525
Lin, Sen, 4783
Lin, Wan Lu, 4897
Lin, Yvonne G., 4748
Lindner, John M., 4483
Lindorfer, Margaret A., 4844
Linehan, Erin K., 4887
Liu, Anquan, 4551

- Liu, Beiyun C., 4655
 Liu, Xiang-Yuan, 4533
 Liu, Yong, 4783
 Llorca, Oscar, 4844
 Losa, Davide, 4804
 Lou, Zhenkun, 4887
 Lu, Peiyuan, 4876
 Lu, Song, 4897
 Lv, Feng-Lin, 4783
 Lyadova, Irina V., 4718
- Mack, Douglas G., 4571
 Macke, Laura, 4636
 Maggirwar, Sanjay B., 4674
 Maier, Lisa A., 4571
 Majumder, Parimal, 4876
 Malacarne, Valeria, 4921
 Malech, Harry L., 4728
 Malmström, Vivianne, 4551
 Mao, He-Ting, 4758
 Marques-da-Silva, Camila, 4765
 Marsche, Gunther, 4774
 Marsh, Steven G. E., 4592
 Marty, Hélène, 4510
 McCoy, J. Philip, 4497
 McGary, Colleen S., 4666
 Meng, Jun-Ling, 4758
 Mercado, Nicolas, 4913
 Meyer, Katharine S., 4497
 Micci, Luca, 4666
 Michaeloudes, Charalambos, 4913
 Milford, Terry-Ann, 4610
 Miller, Jeffrey S., 4592
 Minelli, Rosalba, 4921
 Mishra, Amarjit, 4497
 Moldovan, Ioana, 4610
 Monos, Dimitri S., 4897
 Monteiro, Ana Paula T., 4765
 Moore, John P., 4628
 Morel, Sandrine, 4804
 Morgan, B. Paul, 4844
 Moskowitz, Samuel M., 4728
 Mroz, Margaret M., 4571
 Münz, Christian, 4636
 Murray, Fiona, 4551
 Mushaben, Elizabeth M., 4497
 Muzio, Marta, 4518
- Nakayama, Keiichi I., 4739
 Nauseef, William M., 4709
 Nazeri, Kavos, 4610
 Nemes, Elisa, 4833
 Nguyen, Tuan H., 4804
 Nicholson, Lindsay B., 4541
 Nielsen, Peter J., 4483
 Nikitina, Irina Yu., 4718
 Norström, Melissa M., 4685
 Ntaoula, Nectaria, 4897
 Ntoufa, Stavroula, 4518
 Nugent, Gayle Z., 4497
 Nwaneshiudu, Ifeyinwa, 4897
- Occhipinti, Sergio, 4921
 Ogilvie, Colin, 4887
 Oleszak, Emilia L., 4897
 Olivares-Zavaleta, Norma, 4648
 Orillieri, Elisabetta, 4921
 Ottersbach, Philipp Aaron, 4774
 Oyamada, Akiko, 4739
- Paiardini, Mirko, 4666
 Paixão-Cavalcante, Danielle, 4844
 Pan, Yu, 4758
 Pang, Lan, 4728
 Papakonstantinou, Nikos, 4518
 Parham, Peter, 4592
- Park, Dae Won, 4795
 Parnell, Laurence D., 4655
 Payne, Kimberly J., 4610
 Paynich, Mallory L., 4813
 Pittet, Jean Francois, 4795
 Platsoucas, Chris D., 4897
 Platzer, Wolfgang, 4774
 Plunkett, Beverly, 4560
 Ponichtera, Holly E., 4655
 Porter, Adeline R., 4709
- Qu, Xuan, 4497
 Quéré, Pascale, 4510
- Rada, Balázs, 4728
 Radaeva, Tatiana V., 4718
 Raff, Adam B., 4748
 Raff, Laura M., 4748
 Raghavachari, Nalini, 4497
 Ramdas, Baskar, 4859
 Ramirez, Servio H., 4674
 Ramos, Theresa N., 4469
 Rancez, Magali, 4697
 Rawlings, David J., 4525
 Raychowdhury, Raktima, 4655
 Raykova, Ana, 4636
 Richard, Yolande, 4697
 Riese, Peggy, 4636
 Rigby, Kevin M., 4709
 Riou, Catherine, 4833
 Rodda, Lauren B., 4601
 Rodriguez de Cordoba, Santiago, 4844
 Rojo, José Maria, 4921
 Russo, Joanne M., 4655
- Saetern, Koy, 4592
 Sakuraba, Koji, 4739
 Sakurai, Nagisa, 4620
 Salantes, D. Brenda, 4655
 Salemi, Marco, 4685
 Salguero, Gustavo, 4636
 Sanchez, Cindy, 4697
 Sanders, Rogier W., 4628
 Sblattero, Daniele, 4921
 Schabbauer, Gernot, 4852
 Scharping, Nicole E., 4525
 Schattgen, Stefan A., 4821
 Schett, Georg, 4852
 Schmeling, David O., 4492
 Schneider, Andreas, 4636
 Schneider, Rebekah, 4610
 Scholtysek, Carina, 4852
 Schrader, Carol E., 4887
 Schwartz, Marc A., 4525
 Schwartz-Cornil, Isabelle, 4510
 Scriba, Thomas J., 4833
 Shainheit, Mara G., 4655
 Sharma, Namit, 4859
 Shey, Muki S., 4833
 Shimoda, Kazuya, 4739
 Shivakumar, Yogesh, 4921
 Sibille, Pierre, 4510
 Silva, Jharon, 4674
 Silvestri, Guido, 4666
 Singh, Meera V., 4674
 Singh, Vir B., 4674
 Skeate, Joseph G., 4748
 Solomides, Charalambos, 4897
 Sosunov, Vasily V., 4718
 Spellman, Stephen, 4592
 Stadecker, Miguel J., 4655
 Stamatopoulos, Kostas, 4518
 Stavnezer, Janet, 4887
 Steen, Johanna, 4551
 Steffen, Martin, 4852
- Stone, Lynnett, 4833
 Stripecke, Renata, 4636
 Sturdevant, Gail L., 4648
 Su, Rui-Jun, 4610
 Sun, Shu-Liang, 4533
 Sundarasetty, Bala Sai, 4636
 Swoboda, Ines, 4867
 Szwajda, Agnieszka, 4551
- Tadie, Jean-Marc, 4795
 Tatosyan, Lynnette, 4610
 Taylor, Ronald P., 4844
 Torreira, Eva, 4844
 Trachtenberg, Elizabeth, 4592
 Tsiganov, Evgeny N., 4718
- Ucher, Anna J., 4887
 Uderhardt, Stefan, 4852
- Valent, Peter, 4867
 Valenta, Rudolf, 4867
 van Delden, Christian, 4804
 Vanderford, Thomas H., 4666
 van Montfort, Thijs, 4628
 van Rooyen, Michele, 4833
 Velkuru, Vani, 4610
 Verbina, Elena M., 4718
 Vrtala, Susanne, 4867
 Vu Manh, Thien-Phong, 4510
- Wagar, Lisa E., 4581
 Wan, Mei, 4560
 Wang, Chao, 4581
 Wang, Jian, 4783
 Wang, Peng-Fei, 4783
 Wang, Tao, 4592
 Wang, Xiaoming, 4601
 Wang, Yan-Chun, 4783
 Watts, Tania H., 4581
 Weber, Milena, 4867
 Wehrmann, Fabian, 4571
 Weisdorf, Daniel J., 4592
 Weldon, Abby J., 4610
 Whatney, Wendy, 4833
 White, John V., 4897
 Whitmire, William M., 4648
 Winn, Matthew, 4728
 Witte, Torsten, 4636
 Wong, Michael K., 4748
 Woodham, Andrew W., 4748
 Wu, Gillian E., 4581
 Wu, Jianhong, 4581
- Xian, Lingling, 4560
 Xiong, Ren-Ping, 4783
 Xiong, Si-Dong, 4533
 Xiong, Xiao-Yi, 4783
 Xu, Ting, 4560
- Yagi, Junji, 4921
 Yamada, Hisakata, 4739
 Yan, Lisa, 4748
 Yang, Qing-Wu, 4783
 Yang, Yanqin, 4497
 Yao, Xianglan, 4497
 Yeung, Rae S. M., 4581
 Yoo, Dae-goon, 4728
 Yoshikai, Yasunobu, 4739
 Yu, Zu-Xi, 4497
 Yun, Tae J., 4655
- Zhang, Jun, 4758
 Zhang, Xiaoying, 4897
 Zhang, Yu, 4758
 Zhou, Yufeng, 4560
 Zmijewski, Jaroslaw W., 4795



2014 Introductory Course in Immunology

July 12–17, 2014 • Long Beach Convention Center, Long Beach, California

Director: Juan Carlos Zuñiga-Pflücker, Ph.D.
University of Toronto and Sunnybrook Research Institute

Don't miss the most comprehensive introduction to immunology available!

This intensive two-part course, taught by world-renowned immunologists, provides a comprehensive overview of the basics of immunology. This course is for students new to the discipline or those seeking more information to complement general biology or science training. **Part I (July 12–14)** is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. **Part II (July 15–17)** is a clinically oriented lecture series focusing on specialty areas.

Parts I and II may be taken independently at the discretion of the student.

Faculty

Juan Carlos Zuñiga-Pflücker, *University of Toronto and Sunnybrook Research Institute*
Introduction to the Immune System

Lewis L. Lanier, *University of California, San Francisco*
Innate Immunity: Introduction to the Cells

Andrea J. Tenner, *University of California, Irvine*
Complement

Gregory M. Barton, *University of California, Berkeley*
Innate Immunity: Introduction to Pattern Recognition and Intracellular Signaling

Wendy L. Havran, *The Scripps Research Institute*
Introduction to Adaptive Immunity

Juan Carlos Zuñiga-Pflücker, *University of Toronto and Sunnybrook Research Institute*
MHC Restriction and Thymic Selection

Nilabh Shastri, *University of California, Berkeley*
Antigen Processing and Presentation

A. Karolina Palucka, *Baylor Institute for Immunology Research*
Dendritic Cells: The Bridge Between Innate and Adaptive Immunity

Michael G. McHeyzer-Williams, *The Scripps Research Institute*
Effector T Cell Differentiation and Response

Shane Crotty, *La Jolla Institute for Allergy and Immunology*
B Cell Activation and Humoral Immunity

Arthur Weiss, *University of California, San Francisco*
Signaling in the Immune System

Alessandro Sette, *La Jolla Institute for Allergy and Immunology*
Putting the Pieces Back Together: Epitopes, Cell Responses, and Diseases

Ninan Abraham, *University of British Columbia*
Cytokines

Megan K. Levings, *University of British Columbia*
T and B Cell Tolerance

Linda A. Sherman, *The Scripps Research Institute*
Tumor Immunology

Olivia M. Martinez, *Stanford University School of Medicine*
Transplantation

Hilde Cheroutre, *La Jolla Institute for Allergy and Immunology*
Mucosal Immunology

Steven F. Ziegler, *Benaroya Research Institute*
Type 2 Immunity

Robert L. Modlin, *University of California, Los Angeles David Geffen School of Medicine*
Immunity to Bacterial Pathogens

Elina Zuniga, *University of California, San Diego*
Immunity to Viruses

Jeffrey A. Bluestone, *University of California San Francisco*
Autoimmunity

Stephen P. Schoenberger, *La Jolla Institute for Allergy and Immunology*
Immunologic Memory

Nicole Frahm, *Fred Hutchinson Cancer Research Center*
Vaccination

Jennifer M. Puck, *University of California, San Francisco*
Genetic Approaches to Immune-Mediated Diseases

Andrew C. Chan, *Genentech, Inc.*
Bench to Bedside to Bench: Current Issues in Immunology

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact (301) 634-7178 or meetings@aai.org. Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Education/Courses/Visa.html. Financial support for underrepresented minority scientists is available through the FASEB MARC Program; for details, visit www.faseb.org/MARC.



2014 Advanced Course in Immunology

July 27–August 1, 2014 • Seaport World Trade Center, Boston, Massachusetts
Director: Leslie J. Berg, Ph.D.
University of Massachusetts Medical School

Don't miss the premier course in immunology for research scientists!

This intensive course is directed toward advanced trainees and scientists who wish to expand or update their understanding of the field. Leading experts will present recent advances in the biology of the immune system and address its role in health and disease. This is not an introductory course; attendees will need to have a firm understanding of the principles of immunology.

Faculty

Marc K. Jenkins, *Center for Immunology
University of Minnesota Medical School
Anatomy of the Immune Response*

Jonathan C. Kagan, *Children's Hospital Boston
Harvard Medical School
Innate Immunity: Pattern Recognition and
Anti-microbial Mechanisms*

Katherine A. Fitzgerald, *University of
Massachusetts Medical School
Innate Immunity: Gene Regulation*

Albert S. Bendelac, *University of Chicago
Innate Immunity: Cellular Mechanisms*

Wayne M. Yokoyama, *Washington University
School of Medicine
NK Cells — Their Receptors and Function in Health
and Disease*

Elizabeth J. Kovacs, *Loyola University Chicago
Health Sciences Campus
Molecular and Cellular Mediators of Inflammation*

Shannon J. Turley, *Dana Farber Cancer Institute
Harvard Medical School
Dendritic Cells*

Eugene M. Oltz, *Washington University School
of Medicine
The Generation and Modification of Lymphocyte
Antigen Receptor Genes*

Shiv Pillai, *Massachusetts General Hospital Cancer
Center, Harvard Medical School
B Cell Development*

Avinash Bhandoola, *University of Pennsylvania
Perelman School of Medicine
T Cell Development*

Kenneth L. Rock, *University of Massachusetts
Medical School
MHC-Restricted Antigen Presentation to T Cells*

Leslie J. Berg, *University of Massachusetts
Medical School
Signaling from Antigen Receptors*

Susan M. Kaech, *Yale School of Medicine
Lymphocyte Memory*

Brian A. Cobb, *Case Western Reserve University
School of Medicine
Glycoimmunology*

Richard S. Blumberg, *Brigham & Women's Hospital
Harvard Medical School
Mucosal Immunity*

Joanne L. Flynn, *University of Pittsburgh School
of Medicine
Immune Response to Pathogens*

Ann Marshak-Rothstein, *University of Massachusetts
Medical School
B Cell Tolerance and Autoimmunity*

Vijay K. Kuchroo, *Brigham & Women's Hospital
Harvard Medical School
T Cell Tolerance and Autoimmunity*

Catherine J. Wu, *Dana Farber Cancer Institute
Harvard Medical School
Tumor Immunology*

Joanne L. Viney, *Biogen Idec
Immunotherapeutics*

Dennis W. Metzger, *Albany Medical College
Vaccines*

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact (301) 634-7178 or meetings@aai.org. Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Education/Courses/Visa.html. Financial support for underrepresented minority scientists is available through the FASEB MARC Program; for details, visit www.faseb.org/MARC.



IMMUNOLOGY 2015™

SAVE THE DATE

MAY 8-12, 2015 ERNEST N. MORIAL CONVENTION CENTER NEW ORLEANS, LA



IMMUNOLOGY2015.org