Author Index

Abbasi, Hansaa, 1955
Abdool Karim, Quarraisha, 2273
Abdool Karim, Salim S., 2273
Abidin, Belma Melda, 2168
Acosta, Jorge, 2046
Aghaallaei, Narges, 2177
Aichele, Peter, 2103
Ales, Eva, 2046
Allan, Alasdair J., 2199
Amash, Alaa, 2224
Amorosa, Louis F., 2452
Anderson, Courtney K., 2149
Anttonen, Julia, 2187
Anuradha, Rajamanickam, 2241
Arbelaez, Carlos A., 1974
Ashraf, Usama, 2251
Atanasova, Srebrena, 2325
Avila, Damián E., 2141
Azad, Abul K., 2019

Babu, Subash, 2241
Bajoghli, Baubak, 2177
Baker, Henry V., 2396
Baker, Rocky Lee, 1964
Balseiro-Gomez, Santiago, 2046
Bannas, Peter, 2057
Bauer, Stefan, 2325
Benedict, Chris A., 2157
Bernardo, Lidice, 2224
Berton, Giorgio, 2383
Bettelli, Estelle, 1974
Bhan, Atul, 2343
Bhangal, Gurjeet, 2343
Bielecka, Ewa, 2231
Bierbach, Ulrich, 1984
Bihorac, Azra, 2396
Birnbaum, Morris J., 2452
Blom, Anna M., 2231
Blomberg, Bonnie B., 2134
Blue, Michael S., 2019
Bohannon, Julia K., 2353
Boularan, Cedric, 2090
Bradley, Jillian, 2374
Brakenridge, Scott, 2396
Bresson-Bepoldin, Laurence, 2207
Brossay, Laurent, 2149
Brück, Jürgen, 2216
Buchholz, Christian J., 2493
Burgers, Wendy A., 2273
Byrd, John C., 1995

Caligiuri, Michael A., 1995
Campbell, Amanda R., 1995
Cancro, Michael P., 1933
Cao, Shengbo, 2251
Capron, Monique, 2483
Carson, Jeffrey L., 2452
Carson, William E., III, 1995
Castleman, Moriah J., 2294
Caveggion, Elena, 2383
Cayabyab, Francisco S., 2408
Cerqueira, Daiane M., 2303
Champagne, Claudia, 2365
Chaudhary, Kapil, 2374
Chelbi-Alix, Mounira K., 2312
Chen, Huanchun, 2251
Cho, Seonghun, 2472
Choi, Sang Ho, 2282
Chowdhury, Mohammed Y. E., 2472
Cook, H. Terence, 2343
Cooper, Kevin D., 2006
Cope, Frederick O., 2019
Corbi, Angel L., 2442
Coulibaly, Cheick, 2493
Coyle, Susette M., 2452
Croft, Michael, 2429
Cuenca, Angela L., 2396
Cuevas, Víctor Delgado, 2442
Cunha, Larissa D., 2303

da Fonseca, Flávio G., 2263
Dahlke, Markus, 1945
da Silva Antunes, Ricardo, 2429
Debanne, Sara M., 2006
de Gruijl, Tanja D., 2038
Delbeke, Marie, 2483
Dendooven, Arnaud, 2483
Dengler, Katja, 2216
Dent, Alexander L., 2080
de Rinaldis, Emanuele, 2030
Dianoux, Laurent, 2312
Diaz, Alain, 2134
Dolla, Chandrakumar, 2241
Domaica, Carolina I., 2141
Douglas, Todd, 2365
Douillard, Patrice, 2343
Driss, Virginie, 2483
Duan, Xiaodong, 2251
Duckworth, Lizette V., 2396
Ducret, Thomas, 2207
Duhen, Rebekka, 1974
Dutrieux, Jacques, 2312
Dyson, Tristan N., 2461

Eberl, Gerard, 1974
Efron, Philip A., 2396
Ehrlich, Hartmut, 2343
Eick, Sigrun, 2231
Ekstein, Jennifer, 2157
Ellis, Richard, 2030
Ellis, Shirley A., 2199
Escribese, María M., 2442

Fairchild, Ene T., 1995
Febbraio, Maria, 2294
Fensterheim, Benjamin A., 2353
Fernández-Arroyo, Salvador, 2442
Ferracci, Franco, 2134
Feuerer, Markus, 2067
Feuvrier, Ariana, 2157
Flesch, Inge E. A., 2263
Flores, Juan A., 2046
Frasca, Daniela, 2134
Fronius, Martin, 2325
Fu, Zhen F., 2251
Fuchs, Kerstin, 2216
Fuertes, Mercedes B., 2141
Fugère, Céline, 2149

Gale, Michael, Jr., 1909
Garcia-Vallejo, Juan J., 2038
Garred, Peter, 2231
Garrett, Nigel J., 2273
Garrett-Sinha, Lee Ann, 1955
Gatault, Solène, 2483
Geisel, Julia, 2216
Gentile, Lori F., 2396
Ghoreschi, Kamran, 2216
Glatigny, Simon, 1974
Glocova, Ivana, 2216
Golden, Jackelyn B., 2006
Grau, Veronika, 2325
Gray, Elizabeth E., 1939
Grayson, Jason M., 1984
Grignol, Valerie P., 1995
Groft, Sarah G., 2006
Gubbins, Simon, 2199
Guenterberg, Kristan D., 1995
Guerder, Sylvie, 1964
Guo, Yin, 2353
Gupta, Yask, 1945

Haag, Friedrich, 2057
Haapalainen, Antti M., 2187
Haataja, Ritva, 2187
Haimovich, Beatrice, 2452
Hall, Pamela R., 2294
Hallman, Mikko, 2187
Hammond, John A., 2199
Han, Ho Jae, 2282
Hanelt, Marleen, 2177
Harrison, Kathleen, 2090
Hartwig, Udo F., 2493
Haskins, Kathryn, 1964
Haynes, LaTeira D., 2157
Heck, Susanne, 2030
Hecker, Andreas, 2325
Hedrick, Catherine C., 2157
Heinonen, Krista M., 2168
Heit, Bryan, 2408
Hernandez, Antonio, 2353
Higginson, Ellen E., 2461
Hofer, Ann-Cathrin, 2067
Hofmann, Katharina, 2417
Hollett, Natasha A., 2263
Hossain, Mokarram, 2408
Howard, Debbie, 2263
Huang, Zhen, 2090
Huijts, Charlotte M., 2038
Huusko, Johanna M., 2187
Hwang, Il-Young, 2090

Inoue, Daigo, 2177
Iraolagoitia, Ximena L. Raffo, 2141
Ishiko, Akira, 1945
Iwata, Hiroaki, 1945
Izquierdo, Elena, 2442

Jaime-Ramirez, Alena Cristina, 1995
Jairaman, Amit, 2122
Jakoby, Thomas, 2057
Janciauskiene, Sabina, 2325
Jang, Kyung Ku, 2282
Jenkins, Marc K., 2115
Jilma, Bernd, 2343
John, Shinu, 1955
Joseph, Anna, 2396
Joven, Jorge, 2442
Jozefowski, Katrin, 2417
Jung, Young Hyun, 2282
Jusko, Monika, 2231
Jyot, Jeevan, 2396

Kahn, Jean-Emmanuel, 2483
Kamenyeva, Olena, 2090
Kandala, Sridhar, 2374
Kaplan, Daniel H., 2335
Kaplan, Mark H., 2080
Karjalainen, Minna K., 2187
Karpa, Volodymyr I., 1995
Kaufmann, Andreas, 2325
Kaukola, Tuula, 2187
Kehrl, John H., 2090
Kellerer, Christina, 2216
Kerr, William G., 2149
Kerschbaumer, Randolf J., 2343
Kim, Chul-Joong, 2472

Copyright © 2015 by The American Association of Immunologists, Inc.

0022-1767/15/$25.00

Kim, Jae-Hoon, 2472
Kimpel, Janine, 2493
Kingsmore, Stephen F., 2187
Klein, Jochen, 2325
Koch-Nolte, Friedrich, 2057
Kondadasula, Sri Vidya, 1995
Kovarik, Josef, 2343
Ksiazek, Miroslaw, 2231
Kühnel, Harald, 2343
Küllmar, Mira, 2325
Kumaran, Paul, 2241
Kummer, Wolfgang, 2325
Kuri, Paola, 2177

Lang, Roland, 2417
Langston, P. Kent, 1984
Lapinet-Vera, Josè A., 2383
Lapointe, Jean-Martin, 2365
Latour, Simon, 2207
Lazarus, Alan H., 2224
Lee, Jong-Soo, 2472
Lee, Leonard Y., 2452
Lee, Sei-Jung, 2282
Leeuwenburgh, Christiaan, 2396
Lefèvre, Guillaume, 2483
Lepenies, Bernd, 2417
Leptin, Maria, 2177
Lerner, Sabrina, 2325
Lesinski, Gregory B., 1995
Levine, Kala M., 1995
Lévy, Camille, 2493
Li, Quan-Zhen, 1955
Li, Xia, 2374
Lim, Yong Taik, 2472
Liu, Haiyun, 2374
Liu, Hong, 2080
Liu, Kebin, 2374
Liu, Lixin, 2408
Lochnit, Günter, 2325
Lombardi, Giovanna, 2030
Lopez, M. Cecilia, 2396
Lowe, Katie, 2030
Lowell, Clifford A., 2383
Luan, Liming, 2353
Lubitz, Sara E., 2452
Ludwig, Ralf J., 1945
Luo, Wei, 1955

Maarifi, Ghizlane, 2312
Määttä, Tomi A., 2187
Mace, Thomas A., 1995
Macor, Marie A., 2452
Madge, Lisa, 2429
Magelky, Erica, 2343
Mahiddine, Karim, 1964
Mahlman, Mari, 2187
Markowitz, Joseph, 1995
Maroui, Mohamed Ali, 2312
Marrack, Philippa, 1933
Martin del Campo, Sara E., 1995
Mason, Gavin M., 2030
Masson, Lindi, 2273
Mathes, Verena, 2325
Mathias, Brittany, 2396
Mayeux, Jessica, 1955
Mazzi, Paola, 2383
McClory, Susan, 1995
McCormick, Thomas S., 2006
McDaid, John P., 2343
McDonald, Bryan, 2157
McGaha, Tracy L., 2374
Melchiotti, Rossella, 2030
Menner, Alexandra J., 2103
Menzel, Stephan, 2057
Metz, Wendy L., 2019
Miksiewicz, Maria, 2057
Mizgalska, Danuta, 2231
Mohamed, Eslam, 2374
Mohr, Alicia, 2396
Moldawer, Lyle L., 2396
Monk, J. Paul, 1995
Moody, D. Branch, 1927
Moore, Frederick A., 2396
Morizot, Alexandre, 2365
Mortazavi, Amir, 1995
Moschen, Alexander, 2343
Mudde, Geert C., 2343
Muglia, Louis J., 2187
Münch, Robert C., 2493
Mundy-Bosse, Bethany L., 1995
Munisankar, Saravanan, 2241
Muth, Anke, 2493

Nacionales, Dina C., 2396
Naik, Shruti, 2335
Nelson, Ryan W., 2115
Nie, Yanru, 2251
Nisole, Sébastien, 2312
Nissen, Marion, 2057
Noh, Hyun Jong, 2472
Nowyhed, Heba N., 2157
Nutman, Thomas B., 2241

Ojaniemi, Marja, 2187
Olencki, Thomas E., 1995
Orta-Zavalza, Emmanuel, 2442
Ostrop, Jenny, 2417
Oukka, Mohamed, 1974
Owusu Kwarteng, Edward, 2168

Padberg, Winfried, 2325
Palotie, Aarno, 2187
Pan, Xueliang, 1995
Pangault, Celine, 2207
Park, Chung, 2090
Park, Hye Sun, 2472
Parsonage, Derek, 1984
Pascolo, Steve, 2216
Paul, Bonnie K., 1995
Peakman, Mark, 2030
Pereira, Marcelo S. F., 2303
Perkins, Darren J., 2461
Pfeiffer, Anett, 2493
Pineau, Raphael, 2207
Pircher, Hanspeter, 2103
Poo, Haryoung, 2472
Poole, Leslie B., 1984
Potempa, Jan, 2231
Prakriya, Murali, 2122
Price, Madeline J., 1984
Pusey, Charles D., 2343

Qadri, Syed M., 2408
Quinan, Bárbara Resende, 2263

Rabacal, Whitney, 2353
Rabinovich, Gabriel A., 2141
Rades, Dirk, 1945
Rajaiah, Rajesh, 2461
Rajaram, Murugesan V. S., 2019
Rajpal, Miriam N., 2115
Ramachandran, Girish, 2461
Rämet, Mika, 2187
Ramirez-Ponce, M. Pilar, 2046
Rauch, Katharina S., 2103
Rauzi, Matteo, 2177
Reilly, Emma C., 2149
Rial, Eduardo, 2442
Richards, David M., 2067
Richter, Katrin, 2325
Rieger, Manfred, 2343
Riera-Borrull, Marta, 2442
Riesbeck, Kristian, 2231
Riou, Catherine, 2273
Rissiek, Björn, 2057
Röcken, Martin, 2216
Romero, Maria, 2134
Rossi, Lucas E., 2141
Rubtsov, Anatoly V., 1933
Rubtsova, Kira, 1933
Ruggiero, Eliana, 2067
Russell, Lisa M., 1955

Saelee, Prontip, 1955
Saleh, Maya, 2365
Salminen, Annamari, 2187
Salter, Alexander I., 2149
Samavedam, Unni Krishna S. R. L., 1945
Samsunder, Natasha, 2273
Sanderson, Nicholas D., 2199
Sarazin, Aurore, 2483
Satterthwaite, Anne B., 1955
Schachtrup, Christian, 2103
Schachtrup, Kristina, 2103
Scheiflinger, Friedrich, 2343
Schinagl, Alexander, 2343
Schleimer, Robert P., 2122
Schlesinger, Larry S., 2019
Schmidt, Manfred, 2067
Schneiders, Famke L., 2038
Scholz, Felix, 2335
Schröder, Tobias, 1945
Schwarz, Nicole, 2057
Schweda, Elke K. H., 2325
Seeger, Karsten, 1945
Sefrin, Julian P., 2067
Seifried, Janna, 2493
Shah, Manisha H., 1995
Sherwood, Edward R., 2353
Shimizu, Atsushi, 1945
Shimoda, Michiko, 2374
Shinde, Rahul, 2374
Silva, Alexandre L. N., 2303
Skaug, Brian, 1955
Smith, Jennifer, 2343
Soares, Andreia P., 2273
Song, Eun Ju, 2282
Song, Yunfeng, 2251
Soroosh, Pejman, 2429
Soubeyran, Isabelle, 2207
Soubeyran, Pierre, 2207
Spallanzani, Raúl G., 2141
Squeri, Michael V., 2006
Srivastava, Neetu, 2149
Stetson, Daniel B., 1939
Strasser, Erwin, 2417
Su, Yang, 2408
Sung, Moon-Hee, 2472
Sutterwala, Fayyaz S., 2335
Szpila, Benjamin, 2396

Tacke, Robert, 2157
Tam, Frederick W. K., 2343
Tanko, Ramla F., 2273
Tarte, Karin, 2207
Tennant, Sharon M., 2461
Teramo, Kari, 2187
Terhorst, Cox, 2343
Teuscher, Paulla, 2080
Thiele, Michael, 2343
Tholey, Andreas, 2057
Thumberger, Thomas, 2177
Tilg, Herbert, 2343
Timm, Thomas, 2325
Tocker, Joel, 2429
Torres, Nicolás I., 2141

Toussaint, Leon E., 2149
Tree, Timothy I. M., 2030
Treuting, Piper M., 1939
Tridandapani, Susheela, 1995
Trikha, Prashant, 1995
Trkola, Alexandra, 2493
Tscharke, David C., 2263

Uhlig, Katharina M., 2493
Ulvila, Johanna, 2187
Ungaro, Ricardo, 2396

Vacher, Anne-Marie, 2207
Vacher, Pierre, 2207
van der Vliet, Hans J., 2038
Van Rhijn, Ildiko, 1927
Vanzant, Erin, 2396
Vera, David R., 2019
Verheul, Henk M., 2038
Verhoeyen, Els, 2493
Verma, Shilpi, 2157
Viret, Christophe, 1964
Vogel, Stefanie N., 2461
Völkel, Dirk, 2343
von Kalle, Christof, 2067
von Laer, Dorothee, 2493

Ward, Nicole L., 2006
Wels, Winfried S., 2493
Werner, Lise, 2273
Westerveld, Donevan, 2396
Wilker, Sigrid, 2325
Wittbrodt, Joachim, 2177
Witte, Mareike, 1945
Wong, Yik Chun, 2263
Woodward, Joshua J., 1939
Wu, Hao, 2080
Wu, Runpei, 2157

Xu, Lin-Lin, 2080
Xu, Najia, 2408
Yamashita, Megumi, 2122
Yang, Mu, 1984
Yazdi, Amir S., 2216
Ye, Jing, 2251
Yu, Honghui, 2224
Yu, Mei-Ching, 2343

Zakrzewicz, Anna, 2325
Zamboni, Dario S., 2303
Zhang, Jianyi, 2396
Zhang, Zhiyong, 2452
Zhou, Qi, 2493
Zhu, Bibo, 2251
Ziblat, Andrea, 2141
Zillikens, Detlef, 1945
Zimmermann, Stephanie, 2417
Zimring, James C., 2224
Zohaib, Ali, 2251
Zwirner, Norberto W., 2141

The American Association of Immunologists

Future AAI Annual Meetings

Mark Your Calendar for the Premier Annual Immunology Event!

2016

IMMUNOLOGY 2016™
May 13–17
Seattle, Washington

2017

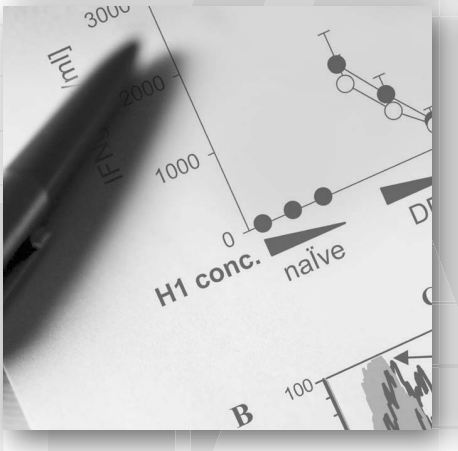
IMMUNOLOGY 2017™
May 12–16
Washington, D.C.

2018

IMMUNOLOGY 2018™
May 4–8
Austin, Texas

Available online:
aai.org/About/Publications

Scientific Publishing



Dos and Don'ts
for Authors and Reviewers

Collected articles based upon presentations given by the AAI Publications Committee at annual meetings of The American Association of Immunologists (AAI)

AMERICAN ASSOCIATION OF IMMUNOLOGISTS
FOUNDED 1913

IMMUNOLOGY 2016™

MAY 13-17, 2016 WASHINGTON STATE CONVENTION CENTER SEATTLE, WA

SAVE THE DATE

AMERICAN ASSOCIATION OF IMMUNOLOGISTS
FOUNDED 1913

www.**IMMUNOLOGY2016**.org