

# Author Index

Indexed by Page Number

## A

Abercrombie, Laura L. 29  
Abraham, Paul 130  
Abulencia, Carl 35  
Achyuthan, Komandoor 14  
Adams, Michael W.W. 33, 78, 153, 154, 155, 178  
Adamson, Anne E. 187  
Adams, Paul D. 12, 13, 14, 16, 17  
Adkins, Ronald M. 116  
Alber, David M. 78  
Allen, Michael S. 165  
Allen, Simon 93, 157, 159, 160  
Allgaier, Martin 7, 8  
Allison, D. P. 136  
Allman, Steve 32  
Alm, Eric J. 89, 102  
Alton, Anita J. 187  
Amador-Noguez, Daniel 77  
Amat, Fernando 126  
Ananyev, Gennady 70  
Andersen, Gary 7, 137  
Anderson, David J. 148  
Anderson, Gary 95  
Anderson, Gordon A. 148, 149  
Anderson, Kevin K. 166  
Anderson, Olin 58  
Andersson, Anders 132  
Andrews, Shirley H. 187  
Angiuoli, Sam V. 183  
Apolinario, Ethel 175  
Arabshahi, Abolfazl 23  
Arbelaez, Pablo 156  
Arkin, Adam P. 13, 87, 88, 90, 92, 94, 95, 97, 99, 101, 162  
Arora, Rohit 6  
Asano, Keiji G. 166  
Astling, D. 37  
Auberry, Deanna 167  
Auberry, Kenneth J. 148  
Auchtung, Jennifer M. 108, 144  
Auer, Manfred 16, 158, 162

## B

Baidoo, Edward E. 9, 11, 86, 92  
Bain, Carmen 190  
Baker, B.J. 131  
Baker, Erich 110

Baker, Erin 149  
Baker, Scott E. 167  
Balch, Deborah 35  
Baliga, Nitin S. 72, 153, 155, 156, 178  
Ball, David A. 162  
Banerjee, Anindita 75  
Banfield, Jillian F. 130, 131, 132, 133, 135, 139  
Barbe, Jose F. 116  
Bare, J. Christopher 155, 156  
Barnebay, Adam 155  
Bar-Peled, Liron 31  
Bar-Peled, Maor 31, 41  
Barrett, Christian L. 112, 114, 121  
Bartley, Laura E. 3, 4  
Barua, Soumitra 109  
Basu, Manojit 57  
Bates, John T. 13  
Batth, Tanveer S. 12, 17  
Baumohl, Jason K. 13, 94, 162  
Bebout, Brad 138  
Beer, K. 155  
Beers, Eric 44  
Beg, Qasim K. 106  
Behrens, S. 138  
Beliaev, Alexander S. 68, 101, 103, 106, 109  
Beller, H. R. 9  
Belnap, Christopher 131, 132  
Belov, Mikhail E. 148, 149  
Bender, Kelly S. 86, 87  
Benemann, John R. 68  
Benke, Peter I. 10, 12, 86, 92  
Bennett, Alan 189  
Bennetzen, Jeffrey L. 45, 60  
Berlin, Aaron 141  
Bernardo, R. 53  
Bharadwaj, Rajiv 16  
Bi, C. 49  
Biddle, E. 106  
Biggin, Mark D. 93, 157, 158, 159, 160, 163  
Binder, Joseph B. 23  
Birur, Dileep K. 191  
Bjornstad, David J. 189, 192  
Blackband, Steve 66  
Blackwell, Meredith 137  
Blanchard, J. 85  
Boe, Arvid 50

Bohn, P.W. 61  
Bomble, Yannick J. 36  
Bonneau, R. 155  
Borglin, Sharon 95  
Bouton, Joe H. 55, 60  
Bowen, Benjamin 178  
Bowman, Grant R. 127, 128  
Bownas, Jennifer L. 187  
Braden, Drew J. 25  
Brady, John W. 36  
Bragg, Jennifer 58  
Braun, D. 45  
Breitbart, Mya 132, 133, 135  
Brennan, Jim 16  
Brenner, Steven E. 161, 162  
Breton, Ghislain 51  
Brileya, K. 99  
Brodie, Eoin 7, 95, 137  
Brown, Peter 116  
Brown, Steven D. 32, 34, 82, 100, 136  
Bruce, David 140  
Brummer, E. Charles 60  
Brunner, Amy 44  
Buanafina, M.M. de O. 45  
Buchanan, Michelle V. 164, 165, 166  
Buckler, Edward S. 46  
Buell, C. Robin 46  
Bui, Olivia 120  
Burns, Andrew S. 87  
Burow, Luke 138  
Burris, Sharon 187  
Burrows, Elizabeth H. 68  
Bush, Daniel R. 59  
Buso, Victor 57  
Busov, V. 28  
Butland, Gareth 157, 158  
Butler, Jessica E. 114  
Byrne, David K. 107

## C

Cakmak, Aynur 60  
Callister, Stephen J. 22, 75, 147, 148  
Campbel, Alina 57  
Campbell, Elsie 73  
Camp, Lauren 163  
Cang, Hu 67  
Cannon, William R. 164, 166  
Cao, Peijian 4  
Cardenas, E. 184

- Carey, Patricia 133  
 Caro, Alejandro 144  
 Carpita, Nicholas C. 47  
 Carrieri, Damian 70  
 Carroll, Sue 32, 98, 101  
 Casero, David 144  
 Casler, Michael D. 19, 20, 46  
 Castruita, Madeli 144, 176  
 Cate, Jamie 67  
 Cavalier, David 20  
 Chai, B. 184  
 Chain, Patrick S. G. 183  
 Chakraborty, Romy 90, 95  
 Chandonia, John-Marc 157, 162  
 Chang, Christopher H. 78  
 Chang, Ho-min 47  
 Chang, Janet 169  
 Chang, Roger L. 177  
 Chang, Y.J. 175  
 Chan, R. 9  
 Chan, Rossana 11, 12  
 Chapple, C. 56  
 Charania, M. 106  
 Chavali, Arvind K. 177  
 Chen, Chang-Li 67  
 Chen, Fang 30, 48, 49  
 Cheng, Jun 70  
 Chen, Gwo-Liang 169, 175  
 Chen, Huiling 40  
 Chen, Jingrong 109, 110  
 Chen, Wenqiong 90  
 Chen, Yihong 175  
 Chen, Zhiwei 5  
 Cherney, Jerome H. 46  
 Chhabra, Swapnil R. 5, 9, 11, 86, 157, 158, 163  
 Chiang, Vincent 47  
 Chien, Diana 69  
 Childs, Kevin L. 46  
 Chiniqy, Dawn 3  
 Chisholm, Sallie W. 141, 142  
 Chiu, Hsuan-Chao 81  
 Chiu, Wan-Ling 73  
 Chivian, Dylan 8, 13, 94  
 Cho, Byung-Kwan 112  
 Choi, Megan 157, 159  
 Choi, Sun 63  
 Chou, H.H. 9  
 Chou, Wen-Chi 41  
 Christen, Kris 187  
 Christiansen, Katy M. 4  
 Christman, Harry 73  
 Chu, H. C. 13  
 Church, G. 85  
 Cipriano, Michael J. 95  
 Clarke, S. A. 102  
 Clark, Kerri 189  
 Clauss, Therese R. 22, 148  
 Cocuron, Jean-Christoph 20  
 Cody, G. 139  
 Coesel, S. 155  
 Cokus, Shawn 144  
 Cole, James R. 180, 182, 184  
 Collado-Vides, Julio 114  
 Collart, Frank 167, 168  
 Comolli, Luis R. 126, 127, 131, 135  
 Copeland, Alex 8  
 Costich, Denise E. 46  
 Cottingham, Bob 42, 169  
 Criddle, Craig 98  
 Crowley, Michael F. 36  
 Cruz, C. 102  
 Culley, Dave 109  
 Cvetkovic, Aleksandar 33, 154
- D**
- Dahl, Rob 9, 10, 12  
 Daly, Don S. 164, 166  
 Daly, Michael 93  
 Dam, Phuongan 34  
 Danielson III, William F. 149  
 Darvill, Alan G. 28, 30  
 Datta, Supratim 5  
 David, Lawrence 89  
 Davis, John 57  
 Davis, M. 28, 37  
 Davison, B. 28, 43  
 Davis, Ronald W. 87  
 DeAngelis, Kristen M. 7, 8, 16  
 DeBoy, Robert 119, 120  
 de Crécy-Lagard, Valérie 170, 171, 172  
 DeGiovanni, A. 13  
 Dehal, Paramvir S. 8, 13, 87, 88, 92, 94, 97  
 De Ingeniis, Jessica 104, 124  
 de Leon, Natalia 20  
 DeLong, Edward 142  
 DeMartini, Jaclyn 37  
 Deneff, Vincent J. 130, 131  
 Deng, Jie 108, 144  
 Deng, Ye 98  
 Denton, Michelle E. 46  
 DeSantis, Todd 7  
 Detter, J.C. 101  
 Deutschbauer, Adam 87, 88  
 Deutsch, Eric W. 156  
 Devos, Katrien M. 45, 60  
 D'haeseleer, Patrik M. 7, 8  
 Dharmawardhana, Palitha D. 55  
 Díaz-Cano, David Casero 176  
 Dickerman, Allan 44  
 Dick, G. J. 131  
 DiFazio, Stephen 57  
 Dill, Brian 131, 133  
 Ding, Shi-You 35, 36, 38, 65  
 Dismukes, G. Charles 69, 70  
 Dixon, Richard A. 30, 48, 49  
 Dmytriv, Z. 9  
 Doepcke, C. 37  
 Doktycz, Mitchel J. 136, 165, 166  
 Doney, P. 43  
 Dong, Ming 93, 157, 159  
 Donohue, Timothy J. 26, 83  
 Doust, Andrew 45  
 Downing, Kenneth H. 126, 127, 162  
 Drake, M. 100  
 Drury, Elliot C. 86  
 Drury, Elliott C. 90  
 Dubchak, Inna 89, 95  
 Dubini, Alexandra 70, 78  
 Duke, Norma E.C. 125  
 Dumesic, James A. 25  
 Dunbar, John 140  
 Dunlop, M. 9  
 Du, Xuixia 147
- E**
- Earnest, Thomas 127  
 Eckart, Michael 127  
 Edwards, A. Nicole 165  
 Eichorst, Stephanie 140  
 Elias, Dwayne A. 90, 91, 157, 158, 163  
 Elkins, James G. 32  
 Ellinger, James J. 18, 19  
 Ellisman, Mark H. 128, 129  
 Elsen, Nathaniel L. 23  
 El Yacoubi, Basma 171  
 Engle, Nancy E. 28, 33, 57  
 Ercek, Danielle T. 5  
 Erickson, Brian 130  
 Ersoz, Elhan 46  
 Etherington, Elizabeth 55  
 Evans, Barbara R. 62  
 Evans, Dave 140
- F**
- Facciotti, Marc T. 155, 156  
 Fagorala, Afolami 158  
 Famili, Iman 104  
 Fang, Xiaowen 18, 19  
 Fang, Yilin 117  
 Fan, Jing 77  
 Farris, R. J. 184  
 Feng, Xiao-Jiang 77

Fernandes, Ana P. 125  
 Field, Dawn 183  
 Fields, Matthew M. 90, 92, 95  
 Fields, Matthew W. 90, 99, 101  
 Firestone, Mary 7  
 Fisher, Susan J. 93, 157, 159, 160  
 Fish, Jordan 180, 182, 184  
 Fok, Veronica 11, 157  
 Fortman, Clem 9, 11  
 Fortney, Julian 7, 8, 95  
 Foston, Marcus 39, 62  
 Fowler, S. 43  
 Fowlkes, Jason D. 165  
 Fox, Brian G. 23  
 Fox, Samuel 53  
 Frank, Ashley M. 168  
 Franks, Ashley E. 112, 117  
 Fredrickson, James K. 68, 103, 107,  
 109, 110, 147  
 Freitag, Michael 55  
 Freudiger, Christian W. 65  
 Friebe, Bernd 46  
 Friedrich, Marcel G. 65  
 Fu, Chunxiang 30  
 Fuss, Jill 178

## G

Gaietta, Guido M. 128, 129  
 Gallegos-Garcia, La Verne 140  
 Galloway, Michael 42  
 Galvin, Megan 21  
 Ganssmann, Matthias 50  
 Gao, Haichun 109, 110  
 Gao, X. 102  
 Gao, Yuan 114, 121  
 Garcia, D. 9  
 Garcia, David E. 11  
 Gardner, Timothy S. 106, 107  
 Garrity, George M. 180, 182, 183, 184  
 Gartner, Christian A. 25  
 Gasch, Audrey 24  
 Gebhart, Lindsay 31  
 Geimer, Michael 119  
 Gelfand, Mikhail S. 74, 89, 95  
 Geller, Jil T. 93, 95, 157, 159, 163  
 German, Marcelo 50  
 Geshi, Naomi 3  
 Ge, Yaxin 30  
 Geydebekht, Oleg V. 68, 103  
 Ghamsari, Lila 177  
 Ghatti, Pavan 175  
 Ghirardi, Maria L. 70  
 Giannone, Richard J. 32, 33  
 Gill, B.S. 49  
 Gilmore, J. 9

Gin, Jennifer 9, 10  
 Giuliani, Sarah E. 168  
 Giuly, Rick 129  
 Glaeser, Robert M. 156, 159  
 Glaven, Richard H. 112  
 Glöckner, Frank-Oliver 183  
 Glushka, John 31  
 Goe, Richard 190  
 Goh, E.-B. 9  
 Goldfarb, Katherine 137  
 Goltsman, Daniela 131, 132  
 Gomez, S. Karen 60  
 Gonzalez, Jose L. 50  
 Goodheart, Dara 7  
 Gorin, Andrey 110  
 Gou, Jin-Ying 51, 52  
 Graf, Peter A. 78  
 Gray, Kevin 35  
 Green, Pamela J. 50  
 Griffin, J. 43  
 Grossman, Arthur R. 78  
 Gross, Stephanie 137  
 Gu, B. 136  
 Gunda, Padma 67  
 Gunsalus, Robert P. 71  
 Gunter, Lee 28, 57  
 Guo, Hong 36  
 Gurbuz, Elif I. 25  
 Gu, Yong 58

## H

Haas, Thomas 38  
 Hackett, Murray 72  
 Hadi, Masood Z. 5, 13, 86, 97  
 Hahn, Michael 40  
 Haliburton, John 9, 11  
 Hall, Richard J. 161  
 Hall, Steven C. 93, 157, 159, 160  
 Ham, Brain M. 147  
 Hamilton-Brehm, Scott D. 32, 33  
 Hammel, Kenneth E. 18, 64  
 Ham, T. 9  
 Han, Bong-Gyoon 156, 159  
 Han, C. 101  
 Han, Kyung-Hwan 21  
 Hansey, Candy 20  
 Hanson, Andrew D. 170, 172  
 Hao, Zhangying 31  
 Hao, Zhao 63  
 Harholt, Jesper 3  
 Harrison, Maria J. 60  
 Harrison, Scott H. 180, 183  
 Hart, Jennifer K. 121  
 Harwood, Caroline S. 71  
 Hatfield, Ronald D. 18  
 Haun, Holly 187  
 Hauser, Loren J. 34, 42, 85, 101, 131,  
 169, 175, 179  
 Hazen, Samuel P. 51  
 Hazen, Terry C. 7, 8, 16, 88, 90, 92,  
 93, 95, 97, 98, 99, 100, 101, 157,  
 158, 159, 160, 163  
 Heazlewood, Joshua L. 4  
 Heckman, Matthew 81  
 Hedenström, Mattias 18  
 Hefner, Ying 35  
 Heiniger, Erin K. 71  
 Heller, William T. 62  
 Hemme, Christopher L. 90, 92  
 Hendrickson, E. 95  
 Hendrickson, Erik L. 72  
 Henn, Matthew 141  
 Henrissat, B. 85  
 He, Qiang 90, 92  
 Hernandez, Tim 30  
 Hertel, Thomas W. 191  
 Hervey IV, W. Judson 165  
 Hettich, Robert L. 32, 33, 130, 131,  
 132, 133, 135  
 He, Zhili 86, 90, 92, 98, 109, 110  
 Hiddessen, A. 65  
 Hill, Eric A. 103  
 Hillesland, Kristina L. 92, 95, 99, 100  
 Himmel, Michael E. 35, 36, 38  
 Hinchee, Maud 57  
 Hirschman, Lynette 183  
 Hisano, Hiroshi 30  
 Hixson, Kim K. 22, 147, 148  
 Hoehler, Tori 138  
 Hoepflich, Paul 137  
 Hofstad, Beth 167  
 Holbrook, Stephen R. 153, 155  
 Holladay, Susan K. 41  
 Holman, Hoi-Ying N. 63, 65, 95, 163  
 Holmes, Brad 16  
 Holmes, Dawn 119  
 Holtom, Gary R. 65  
 Holwerda, Evert 35  
 Hom, Erik F. Y. 177  
 Hong, Jeon 60  
 Hong, Sun-Hae 127  
 Hooker, Brian S. 164, 166  
 Horowitz, Mark 126  
 Huang, Katherine H. 94  
 Huang, Rick 75  
 Hudson, Matthew E. 60  
 Huesemann, Michael H. 68  
 Hugenholtz, Phil 7, 8  
 Hungate, Bruce 140  
 Hunt, Christopher G. 64  
 Hu, Ping 63

Hura, Greg L. 153  
 Hurst, Gregory B. 164, 165, 166  
 Hutcheson, Kyle David 31  
 Hwang, C. 101  
 Hwang, M. 65  
 Hyatt, Doug 42, 130, 133, 179

## I

Ibrahim, Yehia M. 149  
 Ingram, Lonnie 66  
 Inoue, Kengo 112  
 Ismael, Wael 120  
 Ismail, Wael 121  
 Ivanova, Natalia 85, 169

## J

Jackson, Lisa 48  
 Jackson, Rob 140  
 Jacobsen, Janet 95  
 Jap, Bing K. 157, 159, 160  
 Jardine, Phil 98  
 Jawdy, Sara 28, 57  
 Jeanguenin, Linda 172  
 Jefferies, Cynthia 169  
 Jeffries, Thomas 24  
 Jensen, Jacob 20  
 Jensen, Kyle 189  
 Jesus, Ederson da Conceição 27  
 Jiang, N. 39  
 Jiao, Y. 139  
 Jiménez, Verónica 114  
 Jin, Jian 93, 157, 159  
 Joachimiak, Marcin P. 13, 90, 92, 94  
 Johansen, Eric 160  
 Johnson, James 20  
 Johnson, Shannon 140  
 Jones, Don Carl 64  
 Jones, Ying 128, 129  
 Jorgens, Danielle 16, 158  
 Joshua, C. 9  
 Joy, D. C. 136  
 Joyner, Dominique C. 90, 95, 100, 158, 163  
 Juárez, Katy 114, 116  
 Juba, Thomas R. 157, 158  
 Jung, H.G. 53

## K

Kaeppler, Heidi 20  
 Kaeppler, Shawn M. 19, 20  
 Kalisiak, Ewa 154  
 Kalluri, Udaya 28, 57  
 Kalnejais, L. 131  
 Kalyuzhnaya, Marina G. 145  
 Kang, Yisheng (Connie) 9, 10

Kapich, Alexander N. 64  
 Karpinets, Tatiana 34, 42, 110  
 Karpowicz, Steven 144  
 Kataeva, Irina 33  
 Kaur, A. 155  
 Kay, Steve A 51  
 Kazakov, Alexei E. 95  
 Keasling, Jay D. 9, 10, 11, 12, 17, 86, 90, 92, 157, 163  
 Keating, David H. 24  
 Keegstra, Kenneth 20  
 Keese, Annette 78  
 Keller, Keith 13, 94, 162  
 Keller, Kimberly L. 82, 86  
 Keller, Martin 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 90, 95, 100  
 Kelly, Ryan 149  
 Kelman, Zvi 175  
 Kennedy, David 109  
 Kent, Stephen 174  
 Kerstetter, Randall 69  
 Khainovski, Nikita 159  
 Kiebel, Gary R. 148  
 Kim, Byoung-Chan 123  
 Kim, Hoon 18  
 Kim, Kwiseon 78  
 Kim, Won-Chan 21  
 Kim, Y. 56  
 Klimes, Anna 114  
 Klingeman, Dawn M. 32, 34  
 Klitgord, Niels 106  
 Knierim, Bernhard 16  
 Knoch, Eva 3  
 Koenig, Marcelle 127  
 Koide, Tie 155, 156  
 Ko, Jae-Heung 21  
 Kolker, Eugene 183  
 Kolling, Derrick R.J. 69  
 Konopka, Michael C. 145  
 Konstantinidis, Konstantinos 108, 144  
 Konstantinidis, Kostas 107  
 Kontur, Wayne S. 26, 83  
 Kora, Guruprasad 110  
 Kraemer, Florian 21  
 Kral, S. 43  
 Kreps, Joel 35  
 Kresovich, Stephen 58  
 Kropat, Janette 144  
 Krupa, R. 9  
 Krushkal, Julia 116  
 Kuehl, Jennifer 87, 88  
 Kulcsar, Laszlo 190  
 Kumar, Vinay Satish 152  
 Kunin, Victor 8

Kunkes, Edward L. 25  
 Kuske, Cheryl 140  
 Kyripides, Nikos 85, 169, 183

## L

Lacayo, C.I. 65  
 Ladisch, M. R. 56  
 LaFayette, Peter R. 29  
 Laguna, Rick A. 80  
 Landick, Robert 24  
 Land, Miriam L. 32, 34, 85, 101, 131, 169, 175, 179  
 Landorf, Elizabeth 168  
 Lanzatella-Craig, Christina 55  
 Lapidus, A. 101  
 Larimer, Frank 169, 175  
 Latouf, W. 85  
 Latypova, Ekaterina 145  
 Lawrence, Charles E. 103  
 Lazo, Gerard 58  
 Leach, Jan E. 59  
 Leang, Ching 116  
 Lee, Choong Heon 66  
 Lee, Ida 62  
 Lee, Jinq-Chyi 14  
 Lee, Julie 128  
 Lee, Sung Kuk 9, 17  
 Lee, Taek Soon 9, 11  
 Leigh, John A. 72, 95  
 Lennen, Rebecca 26  
 Leschine, S. 85  
 Leung, Hei 59  
 Leuze, Mike 42, 110  
 Levine, Samuel 145  
 Lewis, Jeffrey 24  
 Lewis, M.L. 53  
 Liang, Chen 114, 121  
 Liang, Yili 109, 110  
 Liberton, Michelle 75  
 Li, Chenlin 6  
 Lidstrom, Mary E. 145  
 Lie, T. 95  
 Light, Yooli K. 97  
 Li, H. 39  
 Lilburn, T.G. 180  
 Li, Luen-Luen 35  
 Lin, Chenwei 177  
 Lindner, Benjamin 40  
 Lipscomb, Gina L. 78  
 Lipton, Mary S. 22, 81, 107, 112, 147, 148  
 Li, Quanzi 47  
 Liu, C. 9  
 Liu, Chang-Jun 51, 52  
 Liu, Haichuan 93, 157, 159

Liu, Hanbin 5  
 Liu, Yu-San 38  
 Li, W. 49  
 Li, X. 56  
 Li, Xiaoqing 74  
 Li, Ying 60  
 Liyu, Andrei V. 149  
 Li, Zhuo 175  
 Lochner, Adriane 32  
 Löeffler, F. 101  
 Lo, Fang-Yin 155, 156  
 Londer, Yuri Y. 125  
 Loque, Dominique 4, 5  
 Lorenzana, R.E. 53  
 Lösekann, T. 138  
 Lovley, Derek R. 112, 114, 116, 117,  
 119, 120, 121, 123, 124  
 Low, Melisa 35  
 Lu, Fachuang 18  
 Luginbühl, Peter 35  
 Lundsford, Kyle 66  
 Luning, Eric 86  
 Lu, Shanfa 47  
 Lu, Vincent 168  
 Lu, Yanyu 193  
 Lykidis, Athanasios 85, 169  
 Lynd, Lee 28, 34, 35  
 Lyons, Catherine 182

## M

Ma, Caiping 55  
 Magnuson, Jon K. 167  
 Mahadevan, Radhakrishnan 117, 120  
 Malik, Jitendra 156, 161  
 Malkin, A.J. 65  
 Malmstrom, Rex R. 141, 142  
 Manabe, Yuzuki 3  
 Maness, Pin-Ching 81  
 Manichaikul, Ani 177  
 Manisseri, Chithra 3, 6  
 Mann, David G.J. 29  
 Mansfield, Betty K. 187  
 Maranas, Costas D. 151, 152  
 Markley, John L. 18  
 Markley, John M. 19  
 Martin, Dan 156  
 Martin, Hector Garcia 9, 10  
 Martin, Madhavi 28, 57  
 Martin, Sheryl A. 41, 166, 187  
 Marzolf, Bruz 156  
 Masumura, K. 155  
 Materna, A. C. 102  
 Ma, X. 28  
 Mayer, M. Uljana 150  
 May, H. 84  
 McAdams, Harley 126, 127  
 McCann, Maureen C. 47  
 McCarren, Jay 142  
 McCorkle, Sean M. 35  
 McCorrison, Jamison 119  
 McCue, Lee Ann 103, 107, 164, 166  
 McDonald, W. Hayes 164, 166  
 McGarrell, Donna M. 182, 184  
 McGaughey, Joseph 62  
 McInerney, Michael J. 71  
 McKay, John 59  
 McKee, Adrienne E. 9, 11  
 McKenzie, Heather 37  
 McKeown, C. K. 136  
 McQuaide, Sarah C. 145  
 Meagher, Robert J. 97  
 Meeks, John C. 73  
 Megonigal, Patrick 140  
 Meilan, R. 56  
 Meila, Rick 57  
 Mendoza, Alfredo 114  
 Menon, Angeli Lal 154  
 Merchant, Sabeeha 144, 176  
 Merino, Enrique 116  
 Methé, Barbara A. 114, 119, 120  
 Metz, Thomas O. 148  
 Meyers, Blake C. 50  
 Michael, Todd P. 53, 69  
 Middendorf, Gerad 190  
 Mielenz, Jonathan R. 34  
 Mikhailova, Natalia 169  
 Miles, Robin 63  
 Millen, Jonathan 81  
 Miller, D. 155  
 Miller, L. D. 100  
 Mills, Marissa D. 187  
 Min, Hogtao 75  
 Mockler, Todd C. 51, 53, 55  
 Moerner, W.E. 127  
 Mohnen, Debra 31, 40  
 Monroe, Matthew E. 147, 148, 149  
 Monteleone, Denise C. 35  
 Montiel, Dan 67  
 Moore, Ronald J. 22, 148  
 Morett, Enrique 114  
 Morgado, Leonor 125  
 Morrell-Falvey, Jennifer L. 32, 164,  
 165, 166  
 Morrison, S. 13  
 Mosher, Jennifer 32, 100  
 Mottaz, Heather M. 148  
 Mouser, Paula 117  
 Moussavi, Farshid 126  
 Mueller, Ryan S. 130, 131  
 Mukhopadhyay, Aindrila 9, 10, 12, 17,  
 86, 90, 92, 95, 163

Murray, Glenn 78  
 Murray, Ryan R. 177  
 Murray, Seth 58  
 Mus, Florence 78  
 Myers, Samuel 12  
 Myles, Dean A. 62

## N

Nandakumar, Rangaraj 30  
 Narasimhamoorthy, Brindha 55  
 Nath, Sonali 21  
 Neilson, Kenneth H. 109, 110  
 Nelson, M. 84  
 Nevin, Kelly P. 112, 114  
 Newberg, Lee A. 103  
 Nguyen, Nhu 137  
 Ng, W.-O. 138  
 Nicora, Carrie D. 22, 147, 148  
 Nikolau, Basil J. 175  
 Nimlos, Mark R. 36  
 Nislow, Corey 87  
 Noguera, Daniel R. 26, 83  
 Norbeck, Angela D. 22, 147, 148  
 Northen, Trent R. 14, 155, 178  
 Norton, Mark 18, 19  
 Novichkov, Pavel S. 74, 89, 95  
 Nowroozi, Farnaz F. 9, 11, 17  
 Nylander, Kim 187

## O

Obayashi, James 129  
 Obratzsova, Anna Y. 107  
 Oda, Yasuhiro 71  
 Oh, Julia 87  
 Oikawaa, Ai 3  
 Okada, Miki 55  
 Olek, Anna T. 47  
 Olvera, Leticia 114  
 Olvera, Maricela 114  
 O'Neill, Hugh M. 62  
 O'Neill, Malcolm 30  
 Orban, John 175  
 Orellana, M. 155  
 Orton, Daniel J. 148, 149  
 Osier, Nicole 182  
 Osterman, Andrei L. 68, 74, 76  
 Ouellet, Mario 9, 10, 12  
 Ouellette, Mario 11  
 Ovchinnikova, Galina 169  
 Owens, Vance 50

## P

Page, Jason 149  
 Page, Lawrence 75  
 Pakrasi, Himadri B. 75

- Palsson, Bernhard Ø. 74, 76, 112, 114, 121, 124  
 Palumbo, Anthony V. 98, 100  
 Pan, Chongle 130, 132, 133, 164, 165, 166  
 Pang, W. Lee 155, 156  
 Panikov, Nicolai 34, 35  
 Panisko, Ellen A. 167  
 Pan, Min 155, 156  
 Papin, Jason A. 177  
 Parang, Morey 42  
 Park, Byung 110  
 Park, Chansu 160  
 Parker, Charles T. 182  
 Park, Honney 42  
 Park, Inkyu 63  
 Park, Josh I. 5  
 Park, Young-Seoub 112  
 Parrott, Wayne A. 29  
 Paša-Tolić, Ljiljana 148  
 Patel, Rohan 189  
 Pati, Amrita 169  
 Pauly, Markus 20, 21  
 Pause, Kimberly C. 132, 133, 135  
 Paye, Julie 35  
 Pedersen, Jeffery 58  
 Peebles, Jeanette 116  
 Pellegrini, Matteo 144, 176  
 Pelletier, Dale A. 136, 164, 165, 166  
 Peña, Maria J. 30  
 Peng, Zhaohua 53  
 Penning, Bryan W. 47  
 Peralta-Yahya, P. 9  
 Percifield, Ryan 45  
 Perez, Melissa 158  
 Perez, Rodolfo 83  
 Persson, Staffan 31  
 Pessanha, Miguel 125  
 Peter, Gary 66  
 Peterson, Amelia 156  
 Petit, E. 85  
 Petridis, Loukas 40, 62  
 Petritis, Kostantinos 148  
 Pett-Ridge, Jennifer 137, 138  
 Petzold, Christopher J. 12, 14, 17  
 Pflieger, Brian 26  
 Phelps, Tommy J. 32, 100, 136  
 Phillips Jr., George N. 23  
 Phinney, Brett 73  
 Pinchuk, Grigoriy E. 68, 103, 104, 106  
 Pingali, Sai Venkatesh 62  
 Pingitore, Francesco 86  
 Pinnacchio, Christa 57  
 Pisano, Albert 63  
 Podar, Mircea 32, 100  
 Podila, Gopi 168  
 Pokkuluri, P. Raj 125  
 Pomraning, Kyle R. 55  
 Poole II, Farris L. 33, 154  
 Porat, Iris 82  
 Portnoy, Vasilii 76  
 Posewitz, Matthew C. 78  
 Praissman, Jeremy 154  
 Prak, Lina 16  
 Prasad, Nilu 9, 11, 12  
 Pratap, Abhishek 156  
 Prathapam, Ramadevi 157  
 Pribat, Anne 172  
 Price, Morgan N. 13, 87, 88, 90, 94  
 Priest, Henry D. 53, 55  
 Prior, David C. 148, 149  
 Proudfoot, Michael 168  
 Prufert-Bebout, Lee 138  
 Pumpllin, Nathan 60  
 Purvine, Samuel O. 22, 147, 148  
 Pu, Y. 39
- ## Q
- Qiu, Dongru 109, 110  
 Qiu, Yu 112, 124  
 Qu, Yanhua 116
- ## R
- Rabinowitz, Joshua D. 77  
 Rabitz, Herschel 77  
 Ragauskas, A.J. 39, 62  
 Raines, Ronald T. 23  
 Rajeev, Lara 91  
 Ralph, John 18, 64  
 Ralph, Sally A. 18  
 Raman, Babu 34  
 Rambo, Robert 155  
 Ramsay, B. 101  
 Ranganathan, Sridhar 151  
 Ranjan, Priya 57  
 Rautengarten, Carsten 3  
 Ravcheev, Dmitry 95  
 Redding, Alyssa M. 12, 17, 86, 90, 92  
 Reddy, Amitha 7, 8, 16  
 Reed, Jennifer L. 68, 103, 104  
 Reed, Samantha 109  
 Reichel, K. 37  
 Reiss, David J. 155, 156  
 Relman, D. 138  
 Remis, Jonathan P. 158, 162  
 Ren, Qinghu 119  
 Richter, Hanno 117  
 Riederer, Allison 23  
 Riehl, William J. 81  
 Risso, Carla 117, 120  
 Robbertse, Barbara 167  
 Robertson, Jarrod 86  
 Rodionova, Irina 74  
 Rodionov, Dmitry A. 74, 89  
 Rodionva, Irina 74  
 Rodrigue, Sébastien 141, 142  
 Rodrigues, Jorge L.M. 27, 107  
 Rodriguez Jr., Miguel 34  
 Rodriguez, M. 100  
 Rodriguez, S. 9  
 Rogers, Yvonne 140  
 Romine, Margaret F. 74, 105, 107, 109, 110, 147  
 Ronald, Pamela C. 3, 4, 53  
 Rooney, William 58  
 Roquet, Nathaniel 77  
 Rothe, N. 49  
 Russell, Alison 130  
 Rutherford, Becky J. 9, 10, 12  
 Rutkoski, Thomas J. 23
- ## S
- Saar, Brian G. 65  
 Saballos, Ana 58  
 Saffarini, D. 106  
 Saha, Malay C. 55, 60  
 Saharay, Moumita 36  
 Salehi-Ashtiani, Kouros 177  
 Salgueiro, Carlos A. 125  
 Samatova, Nagiza 110  
 Samuel, R. 39  
 Sanders, Alison P. 83  
 Sanford, R. 101  
 Sansone, Susanna-Assunta 183  
 Santos, Ralph 162  
 Sapra, Rajat 5, 16, 86  
 Sato, Hanayo 75  
 Sato, Trey 24  
 Sattler, Scott 58  
 Saxman, P.R. 180  
 Schadt, Christopher W. 95, 98, 100, 140  
 Schatz, Paul F. 18  
 Scheibe, Tim 117  
 Scheller, Henrik Vibe 3, 6  
 Schiffer, Marianne 125  
 Schilling, Christophe H. 120  
 Schmid, Amy K. 155, 156  
 Schmoyer, Denise D. 41, 110, 130, 164, 166  
 Schnell, D. 85  
 Schriml, Lynn M. 183  
 Schulson, H. 43  
 Schut, Gerrit J. 78  
 Schwartz, Monica 128

- Scott, Joseph 154  
 Scott, Robert A. 78  
 Sedbrook, John 21  
 Sederoff, Ron 47  
 Segrè, Daniel 81, 106, 107  
 Sehgal, S.K. 49  
 Seiber, Jessica 71  
 Seibert, Michael 78  
 Sekhon, Rajan 20  
 Selfa, Theresa 190  
 Sennett, Nick 33  
 Seokwon, J. 39  
 Serrano-Ruiz, Juan Carlos 25  
 Serres, Margrethe H. 107  
 Shadle, Gail 48  
 Shah, Manesh B. 130, 131, 133, 166  
 Shanafield, Harold 108  
 Shanmukh, Sarat 154  
 Shannon, P. 155  
 Shapiro, Jesse 102  
 Shapiro, Lucy 127, 128, 129  
 Shatsky, Maxim 161, 162  
 Sheng, Xiaoyan 44  
 Shen, Hui 30  
 Shen, Yufeng 148  
 Shen, Yun 177  
 Sherman, Louis A. 75  
 Shevchenko, Olga 55  
 Shibagaki, Nakako 5  
 Shimotori, T. 84  
 Shi, Rui 47  
 Shi, Yanmei 142  
 Shrenk, M. 139  
 Shukla, Anil K. 148  
 Silva, Shannon 140  
 Silver, Whendee L. 7, 8  
 Simmons, Blake A. 5, 6, 7, 8, 14, 16  
 Simmons, S. L. 131  
 Simonetti, Dante A. 25  
 Singer, Mary E. 93, 157, 159, 160, 163  
 Singer, Steven W. 7, 130, 131, 138  
 Singhal, Mudita 164, 166  
 Singh, Anup K. 14, 16, 86, 97  
 Singh, Seema 6, 16  
 Siuzdak, Gary 153, 154, 155, 178  
 Sizova, Maria V. 34, 35  
 Skizim, Nicholas J. 69  
 Smith, A. Michelle 4  
 Smith, Jeremy C. 36, 40, 62  
 Smith, Mark B. 70  
 Smith, Richard D. 75, 147, 148, 149  
 Smith, Robert W. 23  
 Smith, Stephanie 27  
 Sohma, Youhei 174  
 Sontineni, Sreedhar 116  
 Sowers, Kevin 175  
 Spormann, Alfred M. 138  
 Squier, Thomas 150  
 Stahl, David A. 90, 91, 92, 95, 99, 100  
 Standaert, Robert F. 165  
 St. Brice, Lois 35  
 Stedman, Kenneth 155  
 Steen, Eric J. 9, 12  
 Stephens, Colleen 21  
 Sterk, Peter 183  
 Stevenson, B. 138  
 Stewart Jr., C. Neal 29  
 Stöckel, Jana 75  
 Stolyar, S. 99, 100  
 Stolyar, Sergey 91, 95  
 Strauss, Steven 28, 55, 57  
 Strobel, Herbert J. 34  
 Strovas, Tim J. 145  
 Stubbe, JoAnne 141  
 Studer, Michael H. 37  
 Studier, F. William 145, 168  
 Subramanian, Venkataramanan 78  
 Summers, Zarath M. 121  
 Sun, Christine L. 132, 133, 135  
 Sundberg, Björn 18  
 Sun, Jun 117, 120  
 Sun, Ying-Hsuan 47  
 Susilawati, Endang 27  
 Suthers, Patrick F. 151, 152  
 Sweedler, J.V. 61  
 Syed, Mustafa 42, 110  
 Sykes, R. 28, 37  
 Szakal, Evelin D. 93, 157, 159, 160
- T**
- Tabita, F. Robert 80  
 Taboada, Blanca 114  
 Taghavi, Safiyh 35  
 Taheripour, Farzad 191  
 Tainer, John A. 153, 154, 155, 178  
 Tamrakar, Pramila 12  
 Tanamachi, Jane 153  
 Tang, Keqi 149  
 Tang, Yinjie 75  
 Tanner, Ralph S. 71  
 Tauscher, Andrew 158  
 Taverner, Thomas 147  
 Taylor, Ronald C. 164, 166  
 Tenenbaum, D. 155  
 Terada, Masako 128  
 Testroet, Eric 175  
 Thelen, Kurt 27  
 Thelen, Michael P. 7, 65, 130, 131, 139  
 Thiele, Ines 74, 76, 177  
 Thomas, Brian C. 131, 132, 133  
 Thomm, Michael 78  
 Thompson, Luke R. 141  
 Thompson, William A. 103  
 Thorgersen, Michael 154  
 Thrower, Nick 20  
 Ticknor, Larry 140  
 Tiedje, James M. 27, 107, 108, 109, 110, 144, 184  
 Tirado, Ana L. 114  
 Tobias, Christian 55  
 Tolić, Nikola 148  
 Tolmachev, Aleksey V. 148, 149  
 Tolonen, Andrew 85, 167  
 Toro, Esteban 127  
 Torok, Tamas 163  
 Tran, Huu 5, 13  
 Trauger, Sunia A. 154, 178  
 Tremaine, Mary 24  
 Tremblay, Pier-Luc 121  
 Trick, H. 49  
 Tringe, Susannah G. 35, 140  
 Truong, Steven 35  
 Tsai, Hsin-Yi 81  
 Tsang, Adrian 167  
 Tschaplinski, T. 28  
 Tschaplinski, Timothy J. 33, 57  
 Turse, Joshua E. 147  
 Tuskan, Gerald A. 28, 57  
 Tyner, Wallace E. 191
- U**
- Uberbacher, Edward C. 41, 42, 110  
 Ueki, Toshiyuki 116, 121, 123  
 Ulrich, Luke E. 108  
 Urbanowicz, Breeanna 30  
 Urban, Volker 62  
 Ussery, David W. 183
- V**
- VanderGheynst, Jean 7, 8, 16  
 van der Lelie, Daniel 35  
 van Dien, Steve 95  
 Van Nostrand, Joy D. 98  
 Van, Phu T. 155, 156  
 Van Vleet, Jennifer 24  
 Vega-Alvarado, Leticia 114  
 Vega-Sánchez, Miguel 4  
 Venkateswaran, A. 100  
 VerBerkmoes, Nathan C. 130, 131, 132, 133, 135  
 Vermerris, Wilfred 58  
 Vilgalys, Rytas 140  
 Vishnivetskaya, Tatiana A. 32, 34  
 Vogel, John 21, 58  
 Vogel, Ken 6  
 Vu, Trang 68

**W**

Waldbauer, Jacob R. 142  
 Waldron, Patricia 98  
 Walian, Peter J. 157, 159, 160  
 Walker, Chris 95, 99  
 Wall, Judy D. 82, 86, 90, 91, 92, 95, 157, 158, 163  
 Wang, B. C. 78  
 Wang, Guo-liang 53  
 Wang, Qiong 27, 180, 182, 184  
 Wang, W. 136  
 Wang, Wenqin 53  
 Wang, Yan 20  
 Wang, Zeng-Yu 30  
 Warnick, T. 85  
 Watson, Dave 98  
 Webb, Rick 138  
 Weber, Peter K. 137, 138  
 Wecker, Matthew 70  
 Wei, Dongsheng 64  
 Weitz, Karl 148  
 Wells, Steve 35  
 Westler, William M. 19  
 Westpheling, Janet 33, 43, 78  
 West, Ryan M. 25  
 Whitehead, K. 155  
 White, Owen 183  
 Whitman, William B. 72  
 Wiback, Sharon J. 104  
 Wigley, Sarah 182  
 Wiley, H. Steven 164, 166  
 Wilhem, Larry 55  
 Wilkerson, Curtis 20  
 Williams, Brian 3  
 Wilmes, Paul 130, 131, 132, 133, 135  
 Wilson, David B. 36  
 Witkowska, H. Ewa 93, 157, 159, 160  
 Woebken, Dagmar 138  
 Wolfe, Amy K. 189, 192  
 Woodard, Trevor L. 114  
 Woyke, Tanja 35  
 Wu, Cindy 7  
 Wu, J.H. David 81  
 Wu, Jiajie 58  
 Wu, Liyou 98  
 Wu, Weimin 98  
 Wyman, Charles E. 37  
 Wyrick, Judy M. 187

**X**

Xiao, Xirong 30  
 Xia, Qiangwei 72  
 Xie, Bin 114, 121  
 Xie, Gary 140  
 Xie, X. Sunney 38, 65

Ximenes, E. A. 56  
 Xin, Zhanguo 58  
 Xiong, Yijia 150  
 Xu, Jiancong 36  
 Xu, Kai 193  
 Xu, Qi 36  
 Xu, Ying 34, 40, 41

**Y**

Yakunin, Alexander 168  
 Yang, Chen 74  
 Yang, Fan 5  
 Yang, Feng 147  
 Yang, Haw 67  
 Yang, Hua 78  
 Yang, Lee L. 93, 157, 159  
 Yang, Shihui 34  
 Yang, Sung-Jae 33  
 Yang, Ting 31  
 Yang, Xiaohan 28, 57  
 Yang, Xinping 177  
 Yang, Yunfeng 109  
 Yang, Zamin K. 90, 95, 100  
 Yannone, Steven M. 153, 154, 155, 178  
 Yan, Tingfen 34  
 Yeh, Ting-Feng 47  
 Yelle, Daniel J. 18, 64  
 Yelton, A. P. 131  
 Yen, Huei-Che Bill 90, 91, 95  
 Yi, Hana 114  
 Yilmaz, L. Safak 26, 83  
 Yin, Lan 3  
 Yin, Tongming 28, 57  
 Yin, Yanbin 40  
 York, William S. 30  
 Yost, Richard 66  
 Young, Jacque 133  
 Young, Naomi 51  
 Yu, Xiao-Hong 51

**Z**

Zak, Don 140  
 Zale, Janice 45  
 Zampieri, Mattia 106  
 Zane, Grant M. 86, 91, 95  
 Zemla, Marcin 16  
 Zengler, Karsten 76, 112, 114, 121, 124  
 Zeng, Lucy 160  
 Zeng, Yining 38, 65  
 Zhang, He 23  
 Zhang, Rui 148  
 Zhang, Xinye 57  
 Zhang, Ying 74, 76, 106

Zhang, Zhongnan 21  
 Zhao, Chengsong 44  
 Zhao, Mingzhe 44  
 Zhao, Rui 148  
 Zhou, Aifen 86, 92  
 Zhou, Jizhong 86, 90, 92, 95, 98, 109, 110  
 Zhou, Qiao 48  
 Zhou, Rui 48  
 Zhuang, Kai 117, 120  
 Zhuang, Qianlai 193  
 Zhu, Jian 127  
 Zhulin, Igor B. 108  
 Ziebell, A. 37  
 Ziegelhoffer, Eva C. 26  
 Zomorodi, Alireza 152



# Institutional Index

Indexed by Page Number

- American Type Culture Collection 180  
Amyris 106, 107  
ArborGen LLC 57  
Argonne National Laboratory 125, 167, 168  
Baylor College of Medicine 110  
Beijing University of Aeronautics and Astronautics 114  
Benemann Associates 68  
BioEnergy Science Center 41  
Boston University 81, 106, 107  
Boyce Thompson Institute for Plant Research 60  
Broad Institute 102, 141  
Brookhaven National Laboratory 35, 51, 52, 145, 168  
Brown University 103  
Burnham Institute for Medical Research 68, 74, 76, 89, 104, 124  
Carnegie Institution of Washington 78, 139  
Centers for Disease Control and Prevention 78  
Colorado School of Mines 78  
Colorado State University, Ft. Collins 59  
Concordia University 167  
Cornell University, Ithaca 36, 46, 58  
Creative Discovery Museum 43  
Dana-Farber Cancer Institute 177  
Dartmouth College 28, 34, 35  
Diversa Corp. 90  
Diversa, Inc. 95  
DOE Joint Genome Institute 8, 35, 57, 85, 89, 95, 101, 140, 169, 183  
Duke University, Pine FACE site 140  
European Bioinformatics Institute 183  
Fellowship for Interpretation of Genomes 74, 75  
GeneBiologics, LLC 70  
Genomatica, Inc. 95, 104, 117, 120  
Georgia Institute of Technology 39, 62, 101, 107, 108, 144  
Great Lakes Bioenergy Research Center 23, 24  
Harvard Medical School 85, 167, 177  
Harvard University 38, 65, 177  
Illinois State University, Normal 21  
Institute for Systems Biology 153, 155, 156  
International Rice Research Institute 59  
International School for Advanced Studies, Italy 106  
Iowa State University, Ames 175, 190  
J. Craig Venter Institute 114, 119, 120  
Joint BioEnergy Institute 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 94  
Kansas State University, Manhattan 46, 49, 190  
Lawrence Berkeley National Laboratory 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 63, 65, 67, 74, 86, 87, 88, 90, 92, 93, 94, 95, 97, 98, 99, 100, 101, 126, 127, 135, 137, 153, 155, 156, 157, 158, 159, 160, 161, 162, 163, 178  
Lawrence Livermore National Laboratory 8, 63, 65, 130, 131, 137, 138, 139, 183  
Los Alamos National Laboratory 140  
Louisiana State University, Baton Rouge 137  
Marine Biological Laboratory 107  
Massachusetts Institute of Technology 89, 102, 141, 142  
Max Planck Institute for Marine Microbiology 183  
Max Planck Institute of Molecular Plant Physiology 31  
Medical University of South Carolina 84  
MFC Technologies, LLC 84  
Michigan State University, East Lansing 20, 21, 27, 46, 107, 108, 109, 110, 144, 180, 182, 183, 184  
Michigan Technological University 28, 57  
Mississippi State University 53  
MITRE Corporation 183  
Montana State University, Bozeman 90, 92, 95, 99, 101  
Moscow State University 95  
NamesforLife, LLC 182  
NASA Ames Research Center 138  
National Health Sciences Institute, Taiwan 14  
National Institute for Health Sciences, Japan 155  
National Renewable Energy Laboratory 28, 35, 36, 37, 38, 70, 78, 81  
NERC Centre for Ecology and Hydrology 183  
New York University 155  
Noble Foundation 49  
North Carolina State University, Raleigh 47, 110  
Northern Arizona University, Scrub Oak OTC site 140  
Oak Ridge National Laboratory 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 57, 62, 82, 85, 90, 95, 98, 100, 101, 108, 109, 110, 130, 131, 132, 133, 135, 136, 164, 165, 166, 169, 175, 179, 187, 189, 192  
Oak Ridge National Laboratory, Sweetgum FACE site 140  
Ohio State University, Columbus 53, 80  
Oklahoma State University 45  
Oregon State University, Corvallis 28, 51, 53, 55, 57, 68, 167  
Pacific Northwest National Laboratory 22, 68, 74, 75, 81, 101, 103, 104, 105, 106, 107, 109, 110, 112, 117, 147, 148, 149, 150, 164, 166, 167  
Pennsylvania State University 45, 151, 152  
Portland State University 155  
Princeton University 69, 70, 77  
Purdue University 47, 56, 57, 75, 191, 193  
Qteros Inc. 85  
Rensselaer Polytechnic Institute 103  
Requimte, CQFB 125  
Russian Academy of Sciences 75, 89, 95  
Rutgers University 53, 69  
Samuel Roberts Noble Foundation 30, 48, 55, 60

- Sandia National Laboratories, Livermore 5, 6, 9, 13, 86, 97
- Scripps Research Institute 153, 154, 155, 178
- Seattle Children's Hospital Research Institute 183
- Smithsonian Institution, Estuary FACE site 140
- South Dakota State University, Brookings 50
- Southern Illinois University 86, 87
- Stanford Genome Technology Center 87
- Stanford University 98, 126, 127, 128, 129, 138
- Technical University of Denmark 183
- Texas A&M University 58
- Umeå University 18
- United States Department of Agriculture 6
- Universidad Nacional Autónoma de México 114, 116
- Universités d'Aix-Marseille 85
- University of Alabama, Huntsville 168
- University of California, Berkeley 9, 10, 11, 12, 13, 17, 25, 63, 67, 90, 92, 94, 95, 130, 131, 132, 133, 135, 137, 139, 156, 157, 161, 162, 163
- University of California, Davis 3, 4, 8, 53, 73, 155, 189
- University of California, Los Angeles 71, 144, 176
- University of California, Riverside 37
- University of California, San Diego 51, 74, 76, 112, 114, 121, 124, 128, 129, 177
- University of California, San Francisco 93, 157, 159, 160
- University of Chicago 174
- University of Copenhagen 3
- University of Delaware, Newark 50
- University of Florida, Gainesville 57, 58, 66, 170, 171, 172
- University of Georgia, Athens 28, 29, 30, 31, 33, 34, 40, 41, 43, 45, 60, 72, 78, 153, 154, 155, 178
- University of Illinois 101
- University of Illinois, Urbana-Champaign 60, 61
- University of Kentucky, Lexington 34
- University of Maryland Biotechnology Institute 175
- University of Maryland School of Medicine, Baltimore 183
- University of Massachusetts, Amherst 51, 85, 112, 114, 116, 117, 119, 120, 121, 123, 124
- University of Michigan, Ann Arbor 180
- University of Michigan, Aspen FACE site 140
- University of Minnesota, St. Paul 53
- University of Missouri, Columbia 82, 86, 90, 91, 92, 95, 157, 158, 163
- University of North Texas, Denton 165
- University of Notre Dame 61
- University of Oklahoma, Norman 71, 86, 90, 92, 95, 98, 109, 110, 138
- University of Queensland 138
- University of Regensburg 78
- University of Rochester 81
- University of Southern California, Los Angeles 107, 109, 110
- University of South Florida, St. Petersburg 132, 133, 135
- University of Tennessee Health Science Center 116
- University of Tennessee, Knoxville 29, 36, 42, 45, 62, 90, 92, 110, 136, 165
- University of Texas, Arlington 107
- University of Toronto 87, 117, 120, 168
- University of Virginia, Charlottesville 177
- University of Washington, Seattle 71, 72, 90, 91, 92, 95, 99, 100, 145, 183
- University of West Virginia, Morgantown 57
- University of Wisconsin, Madison 18, 19, 20, 23, 24, 25, 26, 64, 68, 83, 103, 104
- University of Wisconsin, Milwaukee 106
- USDA-ARS, Albany 21, 55, 58
- USDA-ARS, Dairy Forage Research Center 18
- USDA-ARS, Lincoln 58
- USDA-ARS, Lubbock 58
- USDA-ARS, Madison 19
- USDA-ARS, St. Paul 53
- USDA Forest Products Laboratory 18, 24, 64
- U.S. Dairy Forage Research Center, Madison 46
- Vanderbilt University 164
- Verenium Corporation 35
- Virginia Commonwealth University, Richmond 73, 114, 121
- Virginia Tech, Blacksburg 44
- Virtual Institute for Microbial Stress and Survival 13, 82, 86, 87, 88, 89, 90, 91, 92, 94, 95, 97, 98, 101, 102, 158, 163
- Wadsworth Center, New York State Department of Health 103
- Washington University 75
- Waters Corporation 93
- Western Washington University, Desert FACE site 140
- Woods Hole Oceanographic Institution 142
- Zhejiang University 70