

The Immune Landscape of Cancer

URL: <http://linkinghub.elsevier.com/retrieve/pii/S1074761318301213>

Authors: [Thorsson, Vesteinn](#) / [Gibbs, David](#) / [Brown, Scott](#) / [Wolf, Denise](#) / [Bortone, Dante](#) / [Yang, Tai-Hsien](#) / [Porta-Pardo, Eduard](#) / [Gao, Galen](#) / [Plaisier, Christopher](#) / [Eddy, James](#) / [Ziv, Elad](#) / [Culhane, Aedin](#) / [Paull, Evan](#) / [Sivakumar, I.K.](#) / [Gentles, Andrew](#) / [Malhotra, Raunaq](#) / [Farshidfar, Farshad](#) / [Colaprico, Antonio](#) / [Parker, Joel](#) / [Mose, Lisle](#) / [Vo, Nam](#) / [Liu, Jianfang](#) / [Liu, Yuexin](#) / [Rader, Janet](#) / [Dhankani, Varsha](#) / [Reynolds, Sheila](#) / [Bowlby, Reanne](#) / [Califano, Andrea](#) / [Cherniack, Andrew](#) / [Anastassiou, Dimitris](#) / [Bedognetti, Davide](#) / [Rao, Arvind](#) / [Chen, Ken](#) / [Krasnitz, Alexander](#) / [Hu, Hai](#) / [Malta, Tathiane](#) / [Noushmehr, Houtan](#) / [Padamallu, Chandra](#) / [Bullman, Susan](#) / [Ojesina, Akinyemi](#) / [Lamb, Andrew](#) / [Zhou, Wanding](#) / [Shen, Hui](#) / [Choueiri, Toni](#) / [Weinstein, John](#) / [Guinney, Justin](#) / [Saltz, Joel](#) / [Holt, Robert](#) / [Rabkin, Charles](#) / [Lazar, Alexander](#) / [Serody, Jonathan](#) / [Demicco, Elizabeth](#) / [Disis, Mary](#) / [Vincent, Benjamin](#) / [Shmulevich, Ilya](#) / [Caesar-Johnson, Samantha](#) / [Demchok, John](#) / [Felau, Ina](#) / [Kasapi, Melpomeni](#) / [Ferguson, Martin](#) / [Hutter, Carolyn](#) / [Sofia, Heidi](#) / [Tarnuzzer, Roy](#) / [Wang, Zhining](#) / [Yang, Liming](#) / [Zenklusen, Jean](#) / [Zhang, Jiashan](#) / [Chudamani, Sudha](#) / [Liu, Jia](#) / [Lolla, Laxmi](#) / [Naresh, Rashi](#) / [Pihl, Todd](#) / [Sun, Qiang](#) / [Wan, Yunhu](#) / [Wu, Ye](#) / [Cho, Juok](#) / [DeFreitas, Timothy](#) / [Frazer, Scott](#) / [Gehlenborg, Nils](#) / [Getz, Gad](#) / [Heiman, David](#) / [Kim, Jaegil](#) / [Lawrence, Michael](#) / [Lin, Pei](#) / [Meier, Sam](#) / [Noble, Michael](#) / [Saksena, Gordon](#) / [Voet, Doug](#) / [Zhang, Hailei](#) / [Bernard, Brady](#) / [Chambwe, Nyasha](#) / [Dhankani, Varsha](#) / [Knijnenburg, Theo](#) / [Kramer, Roger](#) / [Leinonen, Kalle](#) / [Liu, Yuexin](#) / [Miller, Michael](#) / [Reynolds, Sheila](#) / [Shmulevich, Ilya](#) / [Thorsson, Vesteinn](#) / [Zhang, Wei](#) / [Akbari, Rehan](#) / [Broom, Bradley](#) / [Hegde, Apurva](#) / [Ju, Zhenlin](#) / [Kanchi, Rupa](#) / [Korkut, Anil](#) / [Li, Jun](#) / [Liang, Han](#) / [Ling, Shiyun](#) / [Liu, Wenbin](#) / [Lu, Yiling](#) / [Mills, Gordon](#) / [Ng, Kwok-Shing](#) / [Rao, Arvind](#) / [Ryan, Michael](#) / [Wang, Jing](#) / [Weinstein, John](#) / [Zhang, Jiexin](#) / [Abeshouse, Adam](#) / [Armenia, Joshua](#) / [Chakravarty, Debyani](#) / [Chatila, Walid](#) / [de Bruijn, Ino](#) / [Gao, Jianjiong](#) / [Gross, Benjamin](#) / [Heins, Zachary](#) / [Kundra, Ritika](#) / [La, Konnor](#) / [Ladanyi, Marc](#) / [Luna, Augustin](#) / [Nissan, Moriah](#) / [Ochoa, Angelica](#) / [Phillips, Sarah](#) / [Reznik, Ed](#) / [Sanchez-Vega, Francisco](#) / [Sander, Chris](#) / [Schultz, Nikolaus](#) / [Sheridan, Robert](#) / [Sumer, Onur](#) / [Sun, Yichao](#) / [Taylor, Barry](#) / [Wang, Jioajiao](#) / [Zhang, Hongxin](#) / [Anur, Pavana](#) / [Peto, Myron](#) / [Spellman, Paul](#) / [Benz, Christopher](#) / [Stuart, Joshua](#) / [Wong, Christopher](#) / [Yau, Christina](#) / [Hayes, Neil](#) / [Parker, Joel](#) / [Wilkerson, Matthew](#) / [Ally, Adrian](#) / [Balasundaram, Miruna](#) / [Bowlby, Reanne](#) / [Brooks, Denise](#) / [Carlsen, Rebecca](#) / [Chuah, Eric](#) / [Dhalla, Noreen](#) / [Holt, Robert](#) / [Jones, Steven](#) / [Kasarian, Katayoon](#) / [Lee, Darlene](#) / [Ma, Yussanne](#) / [Marra, Marco](#) / [Mayo, Michael](#) / [Moore, Richard](#) / [Mungall, Andrew](#) / [Mungall, Karen](#) / [Robertson, Gordon](#) / [Sadeghi, Sara](#) / [Schein, Jacqueline](#) / [Sipahimalani, Payal](#) / [Tam, Angela](#) / [Thiessen, Nina](#) / [Tse, Kane](#) / [Wong, Tina](#) / [Berger, Ashton](#) / [Beroukhi, Rameen](#) / [Cherniack, Andrew](#) / [Cibulskis, Carrie](#) / [Gabriel, Stacey](#) / [Gao, Galen](#) / [Ha, Gavin](#) / [Meyerson, Matthew](#) / [Schumacher, Steven](#) / [Shih, Juliann](#) / [Kucherlapati, Melanie](#) / [Kucherlapati, Raju](#) / [Baylin, Stephen](#) / [Cope, Leslie](#) / [Danilova, Ludmila](#) / [Bootwalla, Moiz](#) / [Lai, Phillip](#) / [Maglinte, Dennis](#) / [Van Den Berg, David](#) / [Weisenberger, Daniel](#) / [Auman, Todd](#) / [Balu, Saianand](#) / [Bodenheimer, Tom](#) / [Fan, Cheng](#) / [Hoadley, Katherine](#) / [Hoyle, Alan](#) / [Jefferys, Stuart](#) / [Jones, Corbin](#) / [Meng, Shaowu](#) / [Mieczkowski, Piotr](#) / [Mose, Lisle](#) / [Perou, Amy](#) / [Perou, Charles](#) / [Roach, Jeffrey](#) / [Shi, Yan](#) / [Simons, Janae](#) / [Skelly, Tara](#) / [Soloway, Matthew](#) / [Tan, Donghui](#) / [Veluvolu, Umadevi](#) / [Fan, Huihui](#) / [Hinoue, Toshinori](#) / [Laird, Peter](#) / [Shen, Hui](#) / [Zhou, Wanding](#) / [Bellair, Michelle](#) / [Chang, Kyle](#) / [Covington, Kyle](#) / [Creighton, Chad](#) / [Dinh, Huyen](#) / [Doddapaneni, HarshaVardhan](#) / [Donehower, Lawrence](#) / [Drummond, Jennifer](#) / [Gibbs, Richard](#) / [Glenn, Robert](#) / [Hale, Walker](#) / [Han, Yi](#) / [Hu, Jianhong](#) / [Korchina, Viktoriya](#) / [Lee, Sandra](#) / [Lewis, Lora](#) / [Li, Wei](#) / [Liu, Xiuping](#) / [Morgan, Margaret](#) / [Morton, Donna](#) / [Muzny, Donna](#) / [Santibanez, Jireh](#) / [Sheth, Margi](#)

/ Shinbrot, Eve / Wang, Linghua / Wang, Min / Wheeler, David / Xi, Liu / Zhao, Fengmei / Hess, Julian / Appelbaum, Elizabeth / Bailey, Matthew / Cordes, Matthew / Ding, Li / Fronick, Catrina / Fulton, Lucinda / Fulton, Robert / Kandoth, Cyriac / Mardis, Elaine / McLellan, Michael / Miller, Christopher / Schmidt, Heather / Wilson, Richard / Crain, Daniel / Curley, Erin / Gardner, Johanna / Lau, Kevin / Mallery, David / Morris, Scott / Paulauskis, Joseph / Penny, Robert / Shelton, Candace / Shelton, Troy / Sherman, Mark / Thompson, Eric / Yena, Peggy / Bowen, Jay / Gastier-Foster, Julie / Gerken, Mark / Leraas, Kristen / Lichtenberg, Tara / Ramirez, Nilsa / Wise, Lisa / Zmuda, Erik / Corcoran, Niall / Costello, Tony / Hovens, Christopher / Carvalho, Andre / de Carvalho, Ana / Fregnani, José / Longatto-Filho, Adhemar / Reis, Rui / Scapulatempo-Neto, Cristovam / Silveira, Henrique / Vidal, Daniel / Burnette, Andrew / Eschbacher, Jennifer / Hermes, Beth / Noss, Ardene / Singh, Rosy / Anderson, Matthew / Castro, Patricia / Ittmann, Michael / Huntsman, David / Kohl, Bernard / Le, Xuan / Thorp, Richard / Andry, Chris / Duffy, Elizabeth / Lyadov, Vladimir / Paklina, Oxana / Setdikova, Galiya / Shabunin, Alexey / Tavobilov, Mikhail / McPherson, Christopher / Warnick, Ronald / Berkowitz, Ross / Cramer, Daniel / Feltmate, Colleen / Horowitz, Neil / Kibel, Adam / Muto, Michael / Raut, Chandrajit / Malykh, Andrei / Barnholtz-Sloan, Jill / Barrett, Wendi / Devine, Karen / Fulop, Jordonna / Ostrom, Quinn / Shimmel, Kristen / Wolinsky, Yingli / Sloan, Andrew / De Rose, Agostino / Giuliente, Felice / Goodman, Marc / Karlan, Beth / Hagedorn, Curt / Eckman, John / Harr, Jodi / Myers, Jerome / Tucker, Kelinda / Zach, Leigh / Deyarmin, Brenda / Hu, Hai / Kvecher, Leonid / Larson, Caroline / Mural, Richard / Somiari, Stella / Vicha, Ales / Zelinka, Tomas / Bennett, Joseph / Iacocca, Mary / Rabeno, Brenda / Swanson, Patricia / Latour, Mathieu / Lacombe, Louis / Têtu, Bernard / Bergeron, Alain / McGraw, Mary / Staugaitis, Susan / Chabot, John / Hibshoosh, Hanina / Sepulveda, Antonia / Su, Tao / Wang, Timothy / Potapova, Olga / Voronina, Olga / Desjardins, Laurence / Mariani, Odette / Roman-Roman, Sergio / Sastre, Xavier / Stern, Marc-Henri / Cheng, Feixiong / Signoretti, Sabina / Berchuck, Andrew / Bigner, Darell / Lipp, Eric / Marks, Jeffrey / McCall, Shannon / McLendon, Roger / Secord, Angeles / Sharp, Alexis / Behera, Madhusmita / Brat, Daniel / Chen, Amy / Delman, Keith / Force, Seth / Khuri, Fadlo / Magliocca, Kelly / Maithel, Shishir / Olson, Jeffrey / Owonikoko, Taofeek / Pickens, Alan / Ramalingam, Suresh / Shin, Dong / Sica, Gabriel / Van Meir, Erwin / Zhang, Hongzheng / Eijckenboom, Wil / Gillis, Ad / Korpershoek, Esther / Looijenga, Leendert / Oosterhuis, Wolter / Stoop, Hans / van Kessel, Kim / Zwarthoff, Ellen / Calatozzolo, Chiara / Cuppini, Lucia / Cuzzubbo, Stefania / DiMeco, Francesco / Finocchiaro, Gaetano / Mattei, Luca / Perin, Alessandro / Pollo, Bianca / Chen, Chu / Houck, John / Lohavanichbutr, Pawadee / Hartmann, Arndt / Stoehr, Christine / Stoehr, Robert / Taubert, Helge / Wach, Sven / Wullich, Bernd / Kycler, Witold / Murawa, Dawid / Wiznerowicz, Maciej / Chung, Ki / Edenfield, Jeffrey / Martin, Julie / Baudin, Eric / Bublely, Glenn / Bueno, Raphael / De Rienzo, Assunta / Richards, William / Kalkanis, Steven / Mikkelsen, Tom / Noushmehr, Houtan / Scarpace, Lisa / Girard, Nicolas / Aymerich, Marta / Campo, Elías / Giné, Eva / Guillermo, Armando / Van Bang, Nguyen / Hanh, Phan / Phu, Bui / Tang, Yufang / Colman, Howard / Evason, Kimberley / Dottino, Peter / Martignetti, John / Gabra, Hani / Juhl, Hartmut / Akeredolu, Teniola / Stepa, Serghei / Hoon, Dave / Ahn, Keunsoo / Kang, Koo / Beuschlein, Felix / Breggia, Anne / Birrer, Michael / Bell, Debra / Borad, Mitesh / Bryce, Alan / Castle, Erik / Chandan, Vishal / Chevillie, John / Copland, John / Farnell, Michael / Flotte, Thomas / Giama, Nasra / Ho, Thai / Kendrick, Michael / Kocher, Jean-Pierre / Kopp, Karla / Moser, Catherine / Nagorney, David / O'Brien, Daniel / O'Neill, Brian / Patel, Tushar / Petersen, Gloria / Que, Florencia / Rivera, Michael / Roberts, Lewis / Smallridge, Robert / Smyrk, Thomas / Stanton, Melissa / Thompson, Houston / Torbenson, Michael / Yang, Ju / Zhang, Lizhi / Brimo, Fadi / Ajani, Jaffer / Gonzalez, Ana / Behrens, Carmen / Bondaruk, Jolanta / Broaddus, Russell / Czerniak, Bogdan / Esmaeli, Bitia / Fujimoto, Junya / Gershenwald, Jeffrey / Guo, Charles / Lazar, Alexander / Logothetis, Christopher / Meric-Bernstam, Funda / Moran, Cesar / Ramondetta, Lois / Rice, David / Sood, Anil / Tamboli, Pheroze / Thompson, Timothy / Troncoso, Patricia / Tsao, Anne / Wistuba, Ignacio / Carter, Candace / Haydu, Lauren / Hersey, Peter / Jakrot, Valerie / Kakavand, Hojabr / Kefford, Richard / Lee, Kenneth / Long, Georgina / Mann, Graham / Quinn, Michael / Saw, Robyn / Scolyer, Richard / Shannon, Kerwin / Spillane, Andrew / Stretch, onathan / Synott, Maria / Thompson, John / Wilmott, James / Al-Ahmadie, Hikmat / Chan, Timothy / Ghossein, Ronald / Gopalan, Anuradha / Levine, Douglas / Reuter, Victor / Singer, Samuel / Singh, Bhuvanesh / Tien, Nguyen / Broudy, Thomas / Mirsaidi, Cyrus / Nair, Praveen / Drwiega, Paul / Miller, Judy / Smith, Jennifer / Zaren, Howard / Park, Joong-Won / Hung, Nguyen / Kebebew, Electron / Linehan, Marston / Metwalli, Adam / Pacak, Karel / Pinto, Peter / Schiffman, Mark / Schmidt, Laura / Vocke, Cathy / Wentzensen, Nicolas / Worrell, Robert / Yang, Hannah

/ Moncrieff, Marc / Goparaju, Chandra / Melamed, Jonathan / Pass, Harvey / Botnariuc, Natalia / Caraman, Irina / Cernat, Mircea / Chemencedji, Inga / Clipca, Adrian / Doruc, Serghei / Gorincioi, Ghenadie / Mura, Sergiu / Pirtac, Maria / Stancul, Irina / Tcaciuc, Diana / Albert, Monique / Alexopoulou, Iakovina / Arnaout, Angel / Bartlett, John / Engel, Jay / Gilbert, Sebastien / Parfitt, Jeremy / Sekhon, Harman / Thomas, George / Rassl, Doris / Rintoul, Robert / Bifulco, Carlo / Tamakawa, Raina / Urba, Walter / Hayward, Nicholas / Timmers, Henri / Antenucci, Anna / Facciolo, Francesco / Grazi, Gianluca / Marino, Mirella / Merola, Roberta / de Krijger, Ronald / Gimenez-Roqueplo, Anne-Paule / Piché, Alain / Chevalier, Simone / McKercher, Ginette / Birsoy, Kivanc / Barnett, Gene / Brewer, Cathy / Farver, Carol / Naska, Theresa / Pennell, Nathan / Raymond, Daniel / Schilero, Cathy / Smolenski, Kathy / Williams, Felicia / Morrison, Carl / Borgia, Jeffrey / Liptay, Michael / Pool, Mark / Seder, Christopher / Junker, Kerstin / Omberg, Larsson / Dinkin, Mikhail / Manikhas, George / Alvaro, Domenico / Bragazzi, Maria / Cardinale, Vincenzo / Carpino, Guido / Gaudio, Eugenio / Chesla, David / Cottingham, Sandra / Dubina, Michael / Moiseenko, Fedor / Dhanasekaran, Renumathy / Becker, Karl-Friedrich / Janssen, Klaus-Peter / Slotta-Huspenina, Julia / Abdel-Rahman, Mohamed / Aziz, Dina / Bell, Sue / Cebulla, Colleen / Davis, Amy / Duell, Rebecca / Elder, Bradley / Hilty, Joe / Kumar, Bahavna / Lang, James / Lehman, Norman / Mandt, Randy / Nguyen, Phuong / Pilarski, Robert / Rai, Karan / Schoenfield, Lynn / Senecal, Kelly / Wakely, Paul / Hansen, Paul / Lechan, Ronald / Powers, James / Tischler, Arthur / Grizzle, William / Sexton, Katherine / Kastl, Alison / Henderson, Joel / Porten, Sima / Waldmann, Jens / Fassnacht, Martin / Asa, Sylvia / Schadendorf, Dirk / Couce, Marta / Graefen, Markus / Huland, Hartwig / Sauter, Guido / Schlomm, Thorsten / Simon, Ronald / Tennstedt, Pierre / Olabode, Oluwole / Nelson, Mark / Bathe, Oliver / Carroll, Peter / Chan, June / Disaia, Philip / Glenn, Pat / Kelley, Robin / Landen, Charles / Phillips, Joanna / Prados, Michael / Simko, Jeffrey / Smith-McCune, Karen / VandenBerg, Scott / Roggin, Kevin / Fehrenbach, Ashley / Kendler, Ady / Sifri, Suzanne / Steele, Ruth / Jimeno, Antonio / Carey, Francis / Forgie, Ian / Mannelli, Massimo / Carney, Michael / Hernandez, Brenda / Campos, Benito / Herold-Mende, Christel / Jungk, Christin / Unterberg, Andreas / von Deimling, Andreas / Bossler, Aaron / Galbraith, Joseph / Jacobus, Laura / Knudson, Michael / Knutson, Tina / Ma, Deqin / Milhem, Mohammed / Sigmund, Rita / Godwin, Andrew / Madan, Rashna / Rosenthal, Howard / Adebamowo, Clement / Adebamowo, Sally / Boussioutas, Alex / Beer, David / Giordano, Thomas / Mes-Masson, Anne-Marie / Saad, Fred / Bocklage, Therese / Landrum, Lisa / Mannel, Robert / Moore, Kathleen / Moxley, Katherine / Postier, Russel / Walker, Joan / Zuna, Rosemary / Feldman, Michael / Valdivieso, Federico / Dhir, Raj / Luketich, James / Pinero, Edna / Quintero-Aguilo, Mario / Carlotti, Carlos / Santos, Jose / Kemp, Rafael / Sankarankuty, Ajith / Tirapelli, Daniela / Catto, James / Agnew, Kathy / Swisher, Elizabeth / Creaney, Jenette / Robinson, Bruce / Shelley, Carl / Godwin, Eryn / Kendall, Sara / Shipman, Cassandra / Bradford, Carol / Carey, Thomas / Haddad, Andrea / Moyer, Jeffrey / Peterson, Lisa / Prince, Mark / Rozek, Laura / Wolf, Gregory / Bowman, Rayleen / Fong, Kwun / Yang, Ian / Korst, Robert / Rathmell, Kimryn / Fantacone-Campbell, Leigh / Hooke, Jeffrey / Kovatich, Albert / Shriver, Craig / DiPersio, John / Drake, Bettina / Govindan, Ramaswamy / Heath, Sharon / Ley, Timothy / Van Tine, Brian / Westervelt, Peter / Rubin, Mark / Lee, Jung / Aredes, Natália / Mariamidze, Armaz

Publication: Immunity

Volume / Pagination: 48 / 812 - 830

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 28 jun 2022 - 01:52): <https://www.bsc.es/ca/research-and-development/publications/the-immune-landscape-cancer-0>