

## PUBLICATIONS 2014 - PRESENT

- Sciarretta F, Fulci C, Palumbo C, Aquilano K, Pastore A, Iorio E, Lettieri-Barbato D, Cicconi R, Minutolo A, Parravano M, Gilardi M, Varano M, Caccuri AM (2019) Glutathione transferase P silencing promotes neuronal differentiation of retinal R28 cells. *Journal of Cellular Physiology*
- Di Leo L, Vegliante R, Ciccarone F, Salvatori I, Scimeca M, Bonanno E, Sagnotta A, Grazi Gian L, Aquilano K, Ciriolo Maria R (2018) Forcing ATGL expression in hepatocarcinoma cells imposes glycolytic rewiring through PPAR- $\alpha$ /p300-mediated acetylation of p53. *Oncogene*
- Lettieri-Barbato D, Aquilano K (2018) Pushing the Limits of Cancer Therapy: The Nutrient Game. *Frontiers in Oncology* 8: 148
- Tatulli G, Mitro N, Cannata SM, Audano M, Caruso D, D'Arcangelo G, Lettieri-Barbato D, Aquilano K (2018) Intermittent Fasting Applied in Combination with Rotenone Treatment Exacerbates Dopamine Neurons Degeneration in Mice. *Frontiers in Cellular Neuroscience* 12
- Lettieri-Barbato D, D'Angelo F, Sciarretta F, Tatulli G, Tortolici F, Ciriolo MR, Aquilano K (2017) Maternal high calorie diet induces mitochondrial dysfunction and senescence phenotype in subcutaneous fat of newborn mice. *Oncotarget* 8: 83407-83418
- Aquilano K, Baldelli S, La Barbera L, Barbato DL, Tatulli G, Ciriolo MR (2016) Adipose triglyceride lipase decrement affects skeletal muscle homeostasis during aging through FAs-PPAR alpha-PGC-1 alpha antioxidant response. *Oncotarget* 7: 23019-23032
- Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adhiketty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airoldi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Ariosa AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auburger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae D-H, Bae J-S, Bae O-N, Bae SH, Baehrecke EH, Baek S-H, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai X-Y, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A,

Bassham DC, Bassi MT, Bast RC, Jr., Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgartner BL, Bayer KU, Beale R, Beaulieu J-F, Beck GR, Jr., Becker C, Beckham JD, Bédard P-A, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhouit B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchecareilh M, Boucher M-J, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer M-A, Brini M, Brito GC, Brodin B, Brookes PS, Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bultynck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütkofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae H-J, Chagin AS, Chai C-Y, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang C-P, Chang RC-C, Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen C-J, Chen G, Chen G-C, Chen G, Chen H, Chen JW, Chen J-K, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen S-D, Chen S, Chen SSL, Chen W, Chen W-J, Chen WQ, Chen W, Chen X, Chen Y-H, Chen Y-G, Chen Y, Chen Y, Chen Y, Chen Y-J, Chen Y-Q, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CHA, Chevet E, Chi HC, Chi S-G, Chiacchiera F, Chiang H-L, Chiarelli R, Chiariello M, Chieppa M, Chin L-S, Chiong M, Chiu GN, Cho D-H, Cho S-G, Cho WC, Cho Y-Y, Cho Y-S, Choi AM, Choi E-J, Choi E-K, Choi J, Choi ME, Choi S-I, Chou T-F, Chouaib S, Choubey D, Choubey V, Chow K-C, Chowdhury K, Chu CT, Chuang T-H, Chun T, Chung H, Chung T, Chung Y-L, Chwae Y-J, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Coleccchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA, Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuevza JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL,

Daza P, de Belleroche J, de Figueiredo P, de Figueiredo RCBQ, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuyper J-P, Deegan S, Dehay B, Del Bello B, Del Re DP, Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding W-X, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z, Donohue TM, Jr., Doran KS, D'Orazi G, Dorn GW, 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du L-L, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchen MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA, Jr., Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin-Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht A-M, Engelender S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinen E-L, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G, Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao F-B, Gao F, Gao J-X, García Nannig L, García Vescovi E, Garcia-Macía M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean P-W, Gelmetti V, Genazzani AA, Geng J, Genschik P, Germer L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giannamarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbings DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM, Jr., Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx J-F, Gruber F, Grumati P, Grune T, Guan J-L, Guan K-L, Guerra B, Guillen C, Gulshan K, Gunst J,

Guo C, Guo L, Guo M, Guo W, Guo X-G, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak H-S, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He R-R, He X-H, He Y-W, He Y-Y, Heath JK, Hébert M-J, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinder GU, Höfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu C-Y, Hsu L-C, Hu D, Hu G, Hu H-M, Hu H, Hu MC, Hu Y-C, Hu Z-W, Hua F, Hua Y, Huang C, Huang H-L, Huang K-H, Huang K-Y, Huang S, Huang S, Huang W-P, Huang Y-R, Huang Y, Huang Y, Huber TB, Huebbe P, Huh W-K, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K-I, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AKV, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon J-H, Jessen N, Jeung E-B, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo E-K, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph A-M, Joseph B, Joubert AM, Ju D, Ju J, Juan H-F, Juenemann K, Juhász G, Jung HS, Jung JU, Jung Y-K, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang T-C, Kanki T, Kanneganti T-D, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke P-Y, Ke Z-J, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut IdC, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim D-H, Kim EK, Kim HY, Kim H-R, Kim J-S, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim M-M, Kim PK, Kim SW, Kim S-Y, Kim Y-S, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko J-L, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung H-J, Kuno A, Kuo S-H, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T,

Lamark T, Lancel S, Landowski TH, Lane DJR, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkarinen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BYK, Law HK-W, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee B-H, Lee C-H, Lee EF, Lee GM, Lee H-J, Lee H, Lee JK, Lee J, Lee J-H, Lee JH, Lee M, Lee M-S, Lee PJ, Lee SW, Lee S-J, Lee S-J, Lee SY, Lee SH, Lee SS, Lee S-J, Lee S, Lee Y-R, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei Q-Y, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JIJ, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li F-J, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P, Lieberman AP, Lim HJ, Lim K-L, Lim K, Lima RT, Lin C-S, Lin C-F, Lin F, Lin F, Lin F-C, Lin K, Lin K-H, Lin P-H, Lin T, Lin W-W, Lin Y-S, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA, Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu C-F, Liu F, Liu H-J, Liu J, Liu J-J, Liu J-L, Liu K, Liu L, Liu L, Liu Q, Liu R-Y, Liu S, Liu S, Liu W, Liu X-D, Liu X, Liu X-H, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljujic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lőrincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu S-M, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow E-M, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao Z-W, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahon JJ, McNeish IA, Mechta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier U-C, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJT, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng L-H, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi M-T, Miao C-Y, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming X-F, Minabayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL,

Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CEH, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot A-S, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberg T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordóñez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewacz HD, Otomo T, Otsu K, Ou J-HJ, Outeiro TF, Ouyang D-Y, Ouyang H, Overholtzer M, Ozbu MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A, Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park J-I, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet J-M, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX, Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Platanias LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčík P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulose SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenthi S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian W-B, Qin Z-H, Qiu Y, Qu Z, Quadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demillo S, Randow F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou P-E, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihm BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Cordoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MIG, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztein DC, Rucker EB, 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelia AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V, Ryan KM, Ryter

SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi-Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh-Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA, Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scotto K, Scovassi AI, Scream RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CKJ, Shen C-C, Shen H-M, Shen S, Shen W, Sheng R, Sheng X, Sheng Z-H, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y, Shibusawa S, Shibuya K, Shidoji Y, Shieh J-J, Shih C-M, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihi O, Shore GC, Shu C-W, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente-Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon H-U, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song J-X, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulias V, Stravopodis DJ, Strnad P, Strohecker AM, Ström A-L, Stromhaug P, Stulik J, Su Y-X, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukseree S, Sulzer D, Sun F-L, Sun J, Sun J, Sun S-Y, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeyer H, Tafani M, Taillebourg E, Tait SW, Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan C-P, Tan L, Tan ML, Tan M, Tan Y-J, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng B-B, Teng R-J, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomas PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP-Y, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuoglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai K-J, Tschan

MP, Tseng Y-H, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan H-Y, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenameele P, Vandenbergh W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HLA, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang C-Y, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang H-J, Wang H, Wang H-G, Wang H, Wang H-D, Wang J, Wang J, Wang M, Wang M-Q, Wang P-Y, Wang P, Wang RC, Wang S, Wang T-F, Wang X, Wang X-J, Wang X-W, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang Y, Wang Y-J, Wang Y, Wang Y, Wang YT, Wang Y, Wang Z-N, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weihl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winklhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VKW, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia G-X, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie C-M, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu Z-X, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang D-S, Yang J-M, Yang L, Yang M, Yang P-M, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao M-C, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin X-M, Yip CK, Yoo Y-M, Yoo YH, Yoon S-Y, Yoshida K-I, Yoshimori T, Young KH, Yu H, Yu JJ, Yu J-T, Yu J, Yu L, Yu WH, Yu X-F, Yu Z, Yuan J, Yuan Z-M, Yue BY, Yue J, Yue Z, Zacks DN, Zackenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang G-C, Zhang H, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang J-P, Zhang L, Zhang L, Zhang L, Zhang L, Zhang M-Y, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao W-L, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao Y-X, Zhao Z, Zhao ZJ, Zheng D, Zheng X-L, Zheng X, Zhivotovsky B, Zhong Q, Zhou G-Z, Zhou G, Zhou H, Zhou S-F, Zhou X-J, Zhu H, Zhu H, Zhu W-G, Zhu W, Zhu X-F, Zhu Y, Zhuang S-M, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong W-X, Zorzano A, Zughaiher SM (2016) Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy 12: 1-222

Lettieri Barbato D, Giovannetti E, Aquilano K (2016) Effects of dietary restriction on adipose mass and biomarkers of. Aging 8

Lettieri Barbato D, Aquilano K (2016) Feast and famine: Adipose tissue adaptations for healthy aging. Ageing Research Reviews 28: 85-93

Amin A, Karpowicz P, Carey T, Arbiser J, Nahta R, Chen Z, Dong J, Kucuk O, Khan G, Huang G, Mi S, Lee H, Reichrath J, Honoki K, Georgakilas A, Amedei A, Amin A, Helferich B, Boosani C, Ciriolo M, Chen S, Mohammed S, Azmi A, Keith W, Bhakta D, Halicka D, Niccolai E, Fujii H, Aquilano K, Ashraf S, Nowsheen S, Yang X, Bilsland A, Shin D (2015) Evasion of anti-growth signaling: A key step in tumorigenesis and potential target for treatment and prophylaxis by natural compounds. Seminars in Cancer Biology 35 Suppl: S55-77-S77

Aquilano K, Lettieri Barbato D, Ciriolo MR (2015) The multifaceted role of nitric oxide synthases in mitochondrial biogenesis and cell differentiation. Communicative & Integrative Biology 8: e1017158

Barbato D, Tatulli G, Aquilano K, Ciriolo M (2015) Mitochondrial Hormesis links nutrient restriction to improved metabolism in fat cell. Aging 7: 869-881

Block K, Gyllenhaal C, Lowe L, Amedei A, Amin A, Amin A, Aquilano K, Arbiser J, Arreola A, Arzumanyan A, Ashraf S, Azmi A, Benencia F, Bhakta D, Bilsland A, Bishayee A, Blain S, Block P, Boosani C, Carey T, Carnero A, Carotenuto M, Casey S, Chakrabarti M, Chaturvedi R, Chen G, Chen H, Chen S, Chen Y, Choi B, Ciriolo M, Coley H, Collins A, Connell M, Crawford S, Curran C, Dabrosin C, Damia G, Dasgupta S, Deberardinis R, Decker W, Dhawan P, Diehl A, Dong J, Dou Q, Drew J, Elkord E, El-Rayes B, Feitelson M, Felsher D, Ferguson L, Fimognari C, Firestone G, Frezza C, Fujii H, Fuster M, Generali D, Georgakilas A, Gieseler F, Gilbertson M, Green M, Grue B, Guha G, Halicka D, Helferich W, Heneberg P, Hentosh P, Hirschey M, Hofseth L, Holcombe R, Honoki K, Hsu H, Huang G, Jensen L, Jiang W, Jones L, Karpowicz P, Keith W, Kerkar S, Khan G, Khatami M, Ko Y, Kucuk O, Kulathinal R, Kumar N, Kwon B, Le A, Lea M, Lee H, Lichtor T, Lin L, Locasale J, Lokeshwar B, Longo V, Lyssiotis C, Mackenzie K, Malhotra M, Marino M, Martinez-Chantar M, Matheu A, Maxwell C, McDonnell E, Meeker A, Mehrmohamadi M, Mehta K, Michelotti G, Mohammad R, Mohammed S, Morre D, Muralidhar V, Muqbil I, Murphy M, Nagaraju G, Nahta R, Niccolai E, Nowsheen S, Panis C, Pantano F, Parslow V, Pawelec G, Pedersen P, Poore B, Poudyal D, Prakash S, Prince M, Raffaghello L, Rathmell J, Rathmell W, Ray S, Reichrath J, Rezazadeh S, Ribatti D, Ricciardiello L, Robey R, Rodier F, Rupasinghe H, Russo G, Ryan E, Samadi A, Sanchez-Garcia I, Sanders A, Santini D, Sarkar M, Sasada T, Saxena N, Shackelford R, Shantha Kumara H, Sharma D, Shin D, Sidransky D, Siegelin M, Signori E, Singh N, Sivanand S, Sliva D, Smythe C, Spagnuolo C, Stafforini D, Stagg J, Subbarayan P, Sundin T, Talib W, Thompson S, Tran P, Ungefroren H, Vander Heiden M, Venkateswaran V, Vinay D, Vlachostergios P, Wang Z, Wellen K, Whelan R, Yang E, Yang H, Yang X, Yaswen P, Yedjou C, Yin X, Zhu J, Zollo M (2015) Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology 35 Suppl: S276-S304

Casey SC, Amedei A, Aquilano K, Benencia F, Bhakta D, Boosani CS, Chen S, Ciriolo MR, Crawford S, Fujii H, Georgakilas AG, Guha G, Halicka D, Helferich WG, Heneberg P, Honoki K, Kerkar SP, Mohammed SI, Niccolai E, Nowsheen S, Vasantha Rupasinghe HP, Samadi A, Singh N, Talib WH, Venkateswaran V, Whelan RL, Yang X, Felsher DW (2015) Cancer prevention and therapy through the modulation of the tumor microenvironment. *Seminars in Cancer Biology* 35 Suppl: S199-223-S223

Feitelson MA, Arzumanyan A, Kulathinal RJ, Blain SW, Holcombe RF, Mahajna J, Marino M, Martinez-Chantar ML, Nawroth R, Sanchez-Garcia I, Sharma D, Saxena NK, Singh N, Vlachostergios PJ, Guo SC, Honoki K, Fujii H, Georgakilas AG, Bilsland A, Amedei A, Niccolai E, Amin A, Ashraf SS, Boosani CS, Guha G, Ciriolo MR, Aquilano K, Chen S, Mohammed SI, Azmi AS, Bhakta D, Halicka D, Keith WN, Nowsheen S (2015) Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. *Seminars in Cancer Biology* 35: S25-S54

Ferguson LR, Chen H, Collins AR, Connell M, Damia G, Dasgupta S, Malhotra M, Meeker AK, Amedei A, Amin A, Ashraf SS, Aquilano K, Azmi AS, Bhakta D, Bilsland A, Boosani CS, Chen S, Ciriolo MR, Fujii H, Guha G, Halicka D, Helferich WG, Keith WN, Mohammed SI, Niccolai E, Yang XJ, Honoki K, Parslow VR, Prakash S, Rezazadeh S, Shackelford RE, Sidransky D, Tran PT, Yang ES, Maxwell CA (2015) Genomic instability in human cancer: Molecular insights and opportunities for therapeutic attack and prevention through diet and nutrition. *Seminars in Cancer Biology* 35: S5-S24

Frustaci A, Russo M, Morgante E, Scopelliti F, Aquilano K, Ciriolo M, Grande C, Verardo R, Chimenti C (2015) Oxidative myocardial damage in human cocaine-related cardiomyopathy. *European Journal of Heart Failure* 17: 283-290

Jiang WG, Sanders AJ, Katoh M, Ungefroren H, Gieseler F, Prince M, Thompson SK, Zollo M, Spano D, Dhawan P, Sliva D, Subbarayan PR, Sarkar M, Honoki K, Fujii H, Georgakilas AG, Amedei A, Niccolai E, Amin A, Ashraf SS, Ye L, Helferich WG, Yang X, Boosani CS, Guha G, Ciriolo MR, Aquilano K, Chen S, Azmi AS, Keith WN, Bilsland A, Bhakta D, Halicka D, Nowsheen S, Pantano F, Santini D (2015) Tissue invasion and metastasis: Molecular, biological and clinical perspectives. *Seminars in Cancer Biology* 35: S244-S275

Lettieri Barbato D, Tatulli G, Vegliante R, Cannata S, Bernardini S, Ciriolo M, Aquilano K (2015) Dietary fat overload reprograms brown fat mitochondria. *Frontiers in Physiology* 6

Lettieri Barbato D, Tatulli G, Cannata S, Bernardini S, Aquilano K, Ciriolo MR (2015) Glutathione Decrement Drives Thermogenic Program in Adipose Cells. *Scientific Reports* 5

Mohammad RM, Muqbil I, Lowe L, Yedjou C, Hsu HY, Lin LT, Siegelin MD, Fimognari C, Kumar NB, Dou QP, Yang HJ, Samadi AK, Russo GL, Spagnuolo C, Ray SK,

Chakrabarti M, Morre JD, Coley HM, Honoki K, Fujii H, Georgakilas AG, Amedei A, Niccolai E, Amin A, Ashraf SS, Helferich WG, Yang XJ, Boosani CS, Guha G, Bhakta D, Ciriolo MR, Aquilano K, Chen S, Mohammed SI, Keith WN, Bilsland A, Halicka D, Nowsheen S, Azmi AS (2015) Broad targeting of resistance to apoptosis in cancer. *Seminars in Cancer Biology* 35: S78-S103

Samadi AK, Bilsland A, Georgakilas AG, Amedei A, Amin A, Bishayee A, Azmi AS, Lokeshwar BL, Grue B, Panis C, Boosani CS, Poudyal D, Stafforini DM, Bhakta D, Niccolai E, Guha G, Rupasinghe HPV, Fujii H, Honoki K, Mehta K, Aquilano K, Lowe L, Hofseth LJ, Ricciardiello L, Ciriolo MR, Singh N, Whelan RL, Chaturvedi R, Ashraf SS, Kumara H, Nowsheen S, Mohammed SI, Keith WN, Helferich WG, Yang XJ (2015) A multi-targeted approach to suppress tumor-promoting inflammation. *Seminars in Cancer Biology* 35: S151-S184

Vinay D, Ryan E, Pawelec G, Talib W, Stagg J, Elkord E, Lichtor T, Decker W, Whelan R, Kumara H, Signori E, Honoki K, Georgakilas A, Amin A, Helferich W, Boosani C, Guha G, Ciriolo M, Chen S, Mohammed S, Azmi A, Keith W, Bhakta D, Halicka D, Fujii H, Aquilano K, Ashraf S, Nowsheen S, Yang X, Choi B, Kwon B (2015) Immune evasion in cancer: Mechanistic basis and therapeutic strategies. *Seminars in Cancer Biology* 35 Suppl: S185-198-S198

Wang ZW, Dabrosin C, Yin X, Fuster MM, Arreola A, Rathmell WK, Generali D, Nagaraju GP, El-Rayes B, Ribatti D, Chen YC, Honoki K, Fujii H, Georgakilas AG, Nowsheen S, Amedei A, Niccolai E, Amin A, Ashraf SS, Helferich B, Yang XJ, Guha G, Bhakta D, Ciriolo MR, Aquilano K, Chen S, Halicka D, Mohammed SI, Azmi AS, Bilsland A, Keith WN, Jensen LD (2015) Broad targeting of angiogenesis for cancer prevention and therapy. *Seminars in Cancer Biology* 35: S224-S243

Yaswen P, MacKenzie KL, Keith WN, Hentosh P, Rodier F, Zhu JY, Firestone GL, Matheu A, Carnero A, Bilsland A, Sundin T, Honoki K, Fujii H, Georgakilas AG, Amedei A, Amin A, Helferich B, Boosani CS, Guha G, Ciriolo MR, Chen S, Mohammed SI, Azmi AS, Bhakta D, Halicka D, Niccolai E, Aquilano K, Ashraf SS, Nowsheen S, Yang XJ (2015) Therapeutic targeting of replicative immortality. *Seminars in Cancer Biology* 35: S104-S128

Amatore D, Sgarbanti R, Aquilano K, Baldelli S, Limongi D, Civitelli L, Nencioni L, Garaci E, Ciriolo M, Palamara A (2014) Influenza virus replication in lung epithelial cells depends on redox-sensitive pathways activated by NOX4-derived ROS. *Cellular Microbiology*

Aquilano K, Baldelli S, Ciriolo M (2014) Nuclear Recruitment of Neuronal Nitric-oxide Synthase by alpha-Syntrophin Is Crucial for the Induction of Mitochondrial Biogenesis. *The Journal of Biological Chemistry* 289: 365-378

Aquilano K, Baldelli S, Ciriolo M (2014) Glutathione: new roles in redox signaling for an old antioxidant. *Frontiers in Pharmacology* 5: 196-196

Baldelli S, Lettieri Barbato D, Tatulli G, Aquilano K, Ciriolo M (2014) The role of nNOS and PGC-1 $\alpha$  in skeletal muscle cells. *Journal of Cell Science* 127: 4813-4820

Baldelli S, Aquilano K, Ciriolo M (2014) PGC-1 $\alpha$  buffers ROS-mediated removal of mitochondria during myogenesis. *Cell Death & Disease* 5: e1515-e1515

Lettieri Barbato D, Tatulli G, Aquilano K, Ciriolo M (2014) Inhibition of age-related cytokines production by ATGL: a mechanism linked to the anti-inflammatory effect of resveratrol. *Mediators of Inflammation* 2014: 917698-917698

Lettieri Barbato D, Aquilano K, Ciriolo M (2014) FoxO1 at the nexus between fat catabolism and longevity pathways. *Biochimica Et Biophysica Acta-Molecular and Cell Biology of Lipids* 1841: 1555-1560

Lettieri Barbato D, Aquilano K, Baldelli S, Cannata S, Bernardini S, Rotilio G, Ciriolo M (2014) Proline oxidase-adipose triglyceride lipase pathway restrains adipose cell death and tissue inflammation. *Cell Death and Differentiation* 21: 113-123