Ref #	Ariticle Title	Publication Year	Publication Month	Author Names	Journal title	Journal Volume	Article Page numbers	Symansis product used	Symansis product used	Symansis product used	Symansis product used	Symansis product used	Symansis product used	PMID with link
1	Immobilisation of a thrombopoietin peptidic mimic by self-assembled monolayers for culture of CD34+ cells	2015	Jan	Eun-Ju Lee, Cheang Ly Be, Andrew R. Vinson, Andrew G. Riches, Friederike Fehr, James Gardiner, Thomas R. Gengenbach, David A. Winkler, David Haylock.	Biomaterials	37	82-93	3024C						http://www.sciencedirect.com/science/article/pii/S014296121401076X
2	The SH2 domain of Abl kinases regulates kinase autophosphorylation by controlling activation loop accessibility	2014	Nov	Lamontanara AJ, Georgeon S, Tria G, Svergun DI, Hantschel O	Nat. Commun.	5	5470	Dasatinib	Imatinib mesylate					http://www.ncbi.nlm.nih.gov/pubmed/?term=25399951
3	Plk1 inhibition enhances the efficacy of androgen signaling blockade in castration-resistant prostate cancer	2014	Nov	Zhang Z, Hou X, Shao C, Li J, Cheng JX, Kuang S, Ahmad N, Ratliff T, Liu X	Cancer Res.	74(22)	6635-47	BI-2536 R-						http://www.ncbi.nlm.nih.gov/pubmed/?term=25252916
4	Focal adhesion kinase is required for synovial fibroblast invasion, but not murine inflammatory arthritis.	2014	Oct	Shelef MA, Bennin DA, Yasmin N, Warner TF, Ludwig T, Beggs HE, Huttenlocher A	Arthritis Res Ther.	16(5)	464	PF-562,271						http://www.ncbi.nlm.nih.gov/pubmed/?term=25280866
5	Human muscle fiber type specific insulin signaling - Impact of obesity and type 2 diabetes.	2014	Sep	Albers PH, Pedersen AJ, Birk JB, Kristensen DE, Vind BF2, Baba O, Nøhr J, Højlund K, Wojtaszewski JF.	Diabetes	Sept 3;DB_140590. [Epub ahead of print]		3028-P1						http://www.ncbi.nlm.nih.gov/pubmed/?term=25187364
6	Thymoquinone-induced conformational changes of PAK1 interrupt prosurvival MEK-ERK signaling in colorectal cancer.	2014	Aug	El-Baba C, Mahadevan V, Fahlbusch FB, S SM, Rau TT, Gali-Muhtasib H, Schneider-Stock R	Mol. Cancer	13	201	MKA001	CLB001					http://www.ncbi.nlm.nih.gov/pubmed/25174975
7	GABAA receptor dephosphorylation followed by internalization is coupled to neuronal death in in vitro ischemia	2014	May	Mele M, Ribeiro L, Inácio AR, Wieloch T, Duarte CB	Neurobiol. Dis.	65	220-32	SY-p1130-4089						http://www.ncbi.nlm.nih.gov/pubmed/?term=24513087
8	Protein kinase inhibitors in the treatment of inflammatory and autoimmune diseases.	2014	Apr	Patterson H, Nibbs R, McInnes I, Siebert S.	Clin Exp. Immunol.	176(1)	10-Jan	CEP-33779						http://www.ncbi.nlm.nih.gov/pubmed/24313320
9	cdc-like/dual-specificity tyrosine phosphorylation-regulated kinases inhibitor leucettine L41 induces mTOR-dependent autophagy: implication for Alzheimer's disease.	2014	Mar	Fant X, Durieu E, Chicanne G, Payrastre B, Sbrissa D, Shisheva A, Limanton E, Carreaux F, Bazureau JP, Meijer L	Mol. Pharmacol.	85(3)	441-50	YM201636						http://www.ncbi.nlm.nih.gov/pubmed/24366666?dopt=Abstract
10	The adherens junction protein afadin is an AKT substrate that regulates breast cancer cell migration	2014	Mar	Elloul S, Kedrin D, Knoblauch NW, Beck AH, Toker A	Mol. Cancer Res.	12(3)	464-76	SY-A66						http://www.ncbi.nlm.nih.gov/pubmed/?term=24269953
11	Application of recombinant human leukemia inhibitory factor (LIF) produced in rice (Oryza sativa L.) for maintenance of mouse embryonic stem cells	2014	Feb	Youngblood BA, Alfano R, Pettit SC, Zhang D, Dallmann HG, Huang N, Macdonald GC	J Biotechnol.	172	67-72	3014D						http://www.ncbi.nlm.nih.gov/pubmed/?term=24380819
12	Oncogenic transformation of mesenchymal stem cells decreases Nrf2 expression favoring in vivo tumor growth and poorer survival.	2014	Feb	Funes JM, Henderson S, Kaufman R, Flanagan JM, Robson M, Pedley B, Moncada S, Boshoff C	Mol. Cancer	13	20	GSK690693						http://www.ncbi.nlm.nih.gov/pubmed/?term=24491031
13	Targeting cyclin-dependent kinase 1 (CDK1) but not CDK4/6 or CDK2 is selectively lethal to MYC-dependent human breast cancer cells.	2014	Jan	Kang J, Sergio CM, Sutherland RL, Musgrove EA	BMC Cancer	14	32	SNS-032						http://www.ncbi.nlm.nih.gov/pubmed/24444383
14	The PI3-kinase isoform p110δ is essential for cell transformation induced by the D816V mutant of c-Kit in a lipid-kinase-independent manner	2013	Nov	Sun J, Mohlin S, Lundby A, Kazi JU, Hellman U, Påhlman S, Olsen JV, Rönnstrand L.	Oncogene	epub ahead of print, Nov 2013		IC87114						http://www.ncbi.nlm.nih.gov/pubmed/24213578
15	Annular PIP3 accumulation controls actin architecture and modulates cytotoxicity at the immunological synapse	2013	Nov	Audrey Le Floc'h, Yoshihiko Tanaka, Niels S. Bantilan, Guillaume Voisinne, Grégoire Altan-Bonnet, Yoshinori Fukui, and Morgan Huse	J. Exp. Med.	210	2721-2737	IC87114	TG221	A66	AS252424			http://www.ncbi.nlm.nih.gov/pubmed/24190432ract
16	Interleukin 17A evoked mucosal damage is attenuated by cannabidiol and anandamide in a human colonic explant model.	2013	Nov	Harvey BS, Sia TC, Wattchow DA, Smid SD.	Cytokine	Nov 2013 epub ahead of print	S1043-4666	TNFalpha, 8005	IL-1beta, 4001C					http://www.ncbi.nlm.nih.gov/pubmed/24238999
17	FAM129B is a novel regulator of Wnt/β-catenin signal transduction in melanoma cells	2013	Nov	Willliam Conrad, Michael B Major, Michele A Cleary, Marc Ferrer, Brian Roberts, Shane Marine, Namjin Chung, William T Arthur, Randall T Moon, Jason D Berndt, Andy J Chien	F1000 Research	2	134	PLX4720						http://scholar.google.com/scholar_url?hl=en&q=http://cdn.f1000r.com.s3.amazonaws.com/manuscripts/2455/0d800c54-fbff-4400-a5ff-b90764205032_1305%2520-%2520conrad%2520-%25202-134%2520v2.pdf&sa=X&scisig=AAGBfm1vnSW1Mr6HtSF3gVD03_zblpKhig&oi=scholaralrt

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18	Protein Kinase PKN1 represses Wnt/beta-catenin signaling in human melanoma cells.	2013	Oct	James RG, Bosch KA, Kulikauskas RM, Yang PT, Robin NC, Toroni RA, Biechele TL, Berndt JD, von Haller PD, Eng JK, Wolf-Yadlin A, Chien AJ, Moon RT.	J. Biol. Chem.	288	2013 Oct 10.	PLX-4720						http://www.ncbi.nlm.nih.gov/pubmed/24114839?dopt=Abstract
19	Insulin activates RSK (p90 ribosomal S6 kinase) to trigger a new negative feedback loop that regulates insulin signaling for glucose metabolism	2013	Oct	Smadja-Lamere N, Shum M, Deleris P, Roux PP, Abe JI, Marette A.	J. Biol. Chem.	288	31165-31176	PF-4708671						http://www.ncbi.nlm.nih.gov/pubmed/24036112ract
20	Novel role for p21-activated kinase 2 in thrombin-induced monocyte migration.	2013	Oct	Gadepalli R, Kotla S, Heckle MR, Verma SK, Singh NK, Rao GN	J. Biol. Chem.	288	30815-30831	PF431396						http://www.ncbi.nlm.nih.gov/pubmed/24025335
21	nteroviruses harness the cellular endocytic machinery to remodel the host cell cholesterol landscape for effective viral replication.	2013	Sep	Ilnytska O, Santiana M, Hsu NY, Du WL, Chen YH, Viktorova EG, Belov G, Brinker A, Storch J, Moore C, Dixon JL, Altan-Bonnet N.	Cell Host Microbe	14(3)	281-93	PIK-93						http://www.ncbi.nlm.nih.gov/pubmed/?term=24034614
22	Axl mediates acquired resistance of head and neck cancer cells to the epidermal growth factor receptor inhibitor erlotinib.	2013	Sep	Giles KM, Kalinowski FC, Candy PA, Epis MR, Zhang PM, Redfern AD, Stuart LM, Goodall GJ, Leedman PJ.	Mol. Cancer Ther.		2013 Sep 11. [Epub ahead of print]	R428						http://www.ncbi.nlm.nih.gov/pubmed/24026012?dopt=Abstract
23	Class IA PI3K inhibition inhibits cell growth and proliferation in mantle cell lymphoma.	2013	Sep	Tabe Y, Jin L, Konopleva M, Shikami M, Kimura S, Andreeff M, Raffeld M, Miida T	Acta Haematol.	131(1)	59-69	IC87114						http://www.ncbi.nlm.nih.gov/pubmed/24052005
24	The focal adhesion kinase inhibitor PF-562,271 impairs primary CD4+ T cell activation	2013	Sep	Wiemer AJ, Wernimont SA, Cung TD, Bennin DA, Beggs HE, Huttenlocher A.	Biochem. Pharmacol.	86(6)	770-81	PF-562,271						http://www.ncbi.nlm.nih.gov/pubmed/?term=23928188
25	Enzyme Activity Effects of N-terminal His-tag Attached to Catalytic Sub-unit of Phosphoinositide-3-kinase.	2013	Aug	Dickson JM, Lee WJ, Shepherd PR, Buchanan CM.	Biosci. Rep.	2013 Aug 23	2013 Aug 23. [Epub ahead of print]	TGX-221	A66	PIK-75	AS252424			http://www.ncbi.nlm.nih.gov/pubmed/23968392
26	Non-receptor-tyrosine Kinases Integrate Fast Glucocorticoid Signaling in Hippocampal Neurons	2013	Aug	Silei Yang, Francesco Roselli, Alexandre V. Patchev, Shuang Yu, and Osborne F. X. Almeida	J. Biol. Chem.	288	23725-23739	PF-431396						http://www.ncbi.nlm.nih.gov/pubmed/23818519
27	Oncogenic Mutations of p110α Isoform of PI 3-Kinase Upregulate Its Protein Kinase Activity	2013	Aug	Christina M. Buchanan,James M. J. Dickson,Woo-Jeong Lee,Mark A. Guthridge,Jackie D. Kendall,Peter R. Shepherd	PLoS One	8(8)	e71337	TGX-221	A66	PIK-75	AS252424			http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0071337
28	A Role for the Protein Tyrosine Phosphatase CD45 in Macrophage Adhesion through the Regulation of Paxillin Degradation	2013	Aug	Joelle St-Pierre, Hanne L Ostergaard	PLoS One	8(7)	e71153	PF431396						http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0071531
29	Phosphatidylinositol 3-phosphate 5-kinase (PIKfyve) is an AMPK target participating in contraction-stimulated glucose uptake in skeletal muscle.	2013	Aug	Liu Y, Lai YC, Hill EV, Tyteca D, Carpentier S, Ingvaldsen A, Vertommen D, Lantier L, Foretz M, Dequiedt F, Courtoy PJ, Erneux C, Viollet B, Shepherd PR, Tavare JM, Jensen J, Rider MH.	Biochem J.	Aug 1. [Epub ahead of print]		YM201636						http://www.ncbi.nlm.nih.gov/pubmed/23905686
30	C-RAF Mutations Confer Resistance to RAF Inhibitors	2013	Aug	Rajee Antony, Caroline M. Emery, Allison M. Sawyer, and Levi A. Garraway	Cancer Res.	73	4840-4851	PLX4720						http://www.ncbi.nlm.nih.gov/pubmed/23737487
31	Extended treatment with selective PI 3-kinase and mTOR inhibitors has effects on metabolism, growth, behaviour and bone strength.	2013	Jul	Smith GC, Ong WK, Costa JL, Watson M, Cornish J, Grey A, Gamble GD, Dickinson M, Leung S, Rewcastle GW, Han W,	FEBS J	Jul 9 Epub ahead of print		IC87114	AS252424					http://www.ncbi.nlm.nih.gov/pubmed/23837532
32	Propionyl-L-carnitine induces eNOS activation and nitric oxide synthesis in endothelial cells via PI3 and Akt kinases	2013	Jul	Ning WH, Zhao K.	Vascul Pharmacol	Jul 11 Epub ahead of print		PD173955						http://www.ncbi.nlm.nih.gov/pubmed/23850990
33	Heterogeneous Effects of Calorie Restriction on In Vivo Glucose Uptake and Insulin Signaling of Individual Rat Skeletal Muscles	2013	Jun	Naveen Sharma,Donel A. Sequea,Carlos M. Castorena,Edward B. Arias,Nathan R. Qi,Gregory D. Cartee	Plos One	8(6)	e65118	3028_P1	3028_p2					http://scholar.google.com/scholar_url?hl=en&q=http://dx.plos.org/10.1371/journal.pone.0065118&sa=X&scisig=AAGBfm0R2OgL6pCRxEyPf1Slx30ifnjWEw&oi=scholaralrt

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34	FAM129B is a novel regulator of Wnt/β-catenin signal transduction in melanoma cells	2013	Jun	Willliam Conrad, Michael B Major, Michele A Cleary, Marc Ferrer, Brian Roberts, Shane Marine, Namjin Chung4,10, William T Arthur4,11, Andy J Chien, Jason D Berndt1, Randall T Moon	F1000 Research	2	134	PLX4720						http://scholar.google.com/scholar_url?hl=en&q=http://f1000research.com/articles/2-134/v1/pdf&sa=X&scisig=AAGBfm1CHnB3iUQogXJBCcS7apbiF1wuaQ&oi=scholaralrt
35	Suppression of Survivin Induced by a BCR-ABL/JAK2/STAT3 Pathway Sensitizes Imatinib-Resistant CML Cells to Different Cytotoxic Drugs	2013	Jun	Stella S, Tirrò E, Conte E, Stagno F, Di Raimondo F, Manzella L, Vigneri P.	Mole. Cancer Ther.	12	1085-1098	TG101209						http://www.ncbi.nlm.nih.gov/pubmed/23536723
36	Impairments in site-specific AS160 phosphorylation and effects of exercise training	2013	Jun	Consitt LA, Van Meter J, Newton CA, Collier DN, Dar MS, Wojtaszewski JF, Treebak JT, Tanner CJ, Howard JA	Diabetes	Jun 25 Epub ahead of print		3028-P2						http://www.ncbi.nlm.nih.gov/pubmed/23801578
37	AMPK and Insulin Action - Responses to Ageing and High Fat Diet	2013	May	Frøsig C, Jensen TE, Jeppesen J, Pehmøller C, Treebak JT, Maarbjerg SJ, Kristensen JM, Sylow L, Alsted TJ, Schjerling P, Kiens B, Wojtaszewski JF, Richter	PLoS One	8(5)	e62338	3028-p1, pAS160(Thr642)						http://www.ncbi.nlm.nih.gov/pubmed/23671593
38	Long-lasting effects of minocycline on behavior in young but not adult Fragile X mice	2013	May	Dansie LE, Phommahaxay K, Okusanya AG, Uwadia J, Huang M, Rotschafer SE, Razak KA, Ethell DW, Ethell IM.	Neuroscience	246	186-198	MKA001						http://www.ncbi.nlm.nih.gov/pubmed/23660195
39	Role of arachidonic acid metabolites on the control of non-differentiated intestinal epithelial cell growth	2013	May	Cabral M, Martín-Venegas R, Moreno JJ.	Int. J Biochem.Cell Biol	S1357-2725	146-5	MKA001						http://www.ncbi.nlm.nih.gov/pubmed/23685077
40	Cannabinoid CB2 receptor activation attenuates cytokine-evoked mucosal damage in a human colonic explant model without changing epithelial permeability.	2013	May	Harvey BS, Nicotra LL, Vu M, Smid SD.	Cytokine	S1043-4666	00213-5	8005						http://www.ncbi.nlm.nih.gov/pubmed/23706402
41	Megakaryocytes co-localize with hemopoietic stem cells and release cytokines that up-regulate stem cell proliferation	2013	May	Healzlewood SY, Neaves RJ, Williams B, Haylock DN, Adams,TE, Nilsson, SK	Stem Cell Research	May 2009; 27		3006D						http://scholar.google.com/scholar_url?hl=en&q=http://www.sciencedirect.com/science/article/pii/S1873506113000561&sa=X&scisig=AAGBfm1Tl7WdKT2Mg39S7aJlPwJ6OlGTjQ&oi=scholaralrt
42	Modeling Transvascular Exchanges of Therapeutic Agents	2013	May	Felix Ischinger	Ph.D Thesis	Univ. Stuttgart		9029I						http://www.hydrosys.uni-stuttgart.de/institut/hydrosys/publikationen/paper/2013/ProjektArbeit_FelixIschinger_2013.pdf
43	Lipopolysaccharide-treated macrophages cytokines repress surfactant protein B in lung epithelial cells	2013	Apr	Kiflai Bein, Michelangelo Di Giuseppe, Steven E Mischler, Luis A Ortiz, and George D. Leikauf	Am J Respir Cell Mol Biol		1044-1549	CCL3/MIP 1 alpha	1006					http://www.atsjournals.org/doi/abs/10.1165/rcmb.2012-0283OC
44	IFNβ/TNFα synergism induces a non-canonical STAT2/IRF9-dependent pathway triggering a novel DUOX2 NADPH Oxidase-mediated airway antiviral response	2013	Apr	Karin Fink, Lydie Martin, Esperance Mukawera, Stéfany Chartier, Xavier De Deken, Emmanuelle Brochiero, Françoise Miot and Nathalie Grandvaux	Cell Research		doi: 10.1038/cr.2013.47	Bayer-18	SY-Bayer-18					http://www.ncbi.nlm.nih.gov/pubmed/23545780
45	Class I Phosphoinositide-3-Kinases and Src Kinases Play a Nonredundant Role in Regulation of Adhesion-Independent and -Dependent Neutrophil Reactive Oxygen Species Generation	2013	Apr	Fumagalli L, Campa CC, Germena G, Lowell CA, Hirsch E, Berton G.	J. Immunol	190(7)	3648-60	IC87114	SY-IC87114					http://www.ncbi.nlm.nih.gov/pubmed/23447687
46	Distinct and opposing roles for the phosphatidylinositol 3-OH kinase catalytic subunits p110α and p110β in the regulation of insulin secretion from rodent and human beta cells	2013	Apr	J. Kolic, A. F. Spigelman, G. Plummer, E. Leung, C. Hajmrle, T. Kin, A. M. J. Shapiro, J. E. Manning Fox, P. E. MacDonald	Diabetologia		10.1007/s00125-013-2882-4	PIK-75	TGX-221					http://www.ncbi.nlm.nih.gov/pubmed/23568272
47	Identification of a pathway by which glucose regulates β-catenin signalling via the cAMP/protein kinase A pathway in β-cell models	2013	Apr	Emmanuelle COGNARD, Coralie G. DARGAVILLE, Deborah L. HAY,and Peter R. SHEPHERD	Biochem. J.	449	803-811	3024DP	3024C					http://www.ncbi.nlm.nih.gov/pubmed/23198873
48	Potent Agonists of a Hematopoietic Stem Cell Cytokine Receptor, c-Mpl.	2013	Mar	Tarasova A, Haylock DN, Meagher L, Be CL, White J, Nilsson SK, Andrade J, Cartledge K, Winkler DA	ChemMedChem		doi: 10.1002/cmdc.201300089	Thrombopoietin/TPO	3024					http://www.ncbi.nlm.nih.gov/pubmed/?term=23554275
49	Prostaglandin ethanolamides attenuate damage in a human explant colitis model	2013	Feb	Lauren L. Nicotra, Megan Vu, Benjamin S. Harvey, Scott D. Smid	Prostaglandins & Other Lipid Mediators		ISSN 1098-8823, 10.1016/j.prostaglandins.2013.01.003.	8005 (TNFalpha);	4001C (IL-1beta)					http://www.sciencedirect.com/science/article/pii/S109888231300004X

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50	Plk1 Phosphorylation of Orc2 and Hbo1 Contributes to Gemcitabine Resistance in Pancreatic Cancer	2013	Jan	Bing Song, X. Shawn Liu, Steven J. Rice, Shihuan Kuang, Bennett D. Elzey, Stephen F. Konieczny, Timothy L. Ratliff, Tony Hazbun, Elena G. Chiorean,	Mol. Cancer Ther	12	58-68	BI2536	SY-BI-2536					http://www.ncbi.nlm.nih.gov/pubmed/23188630
51	Cooperative effects of Janus and Aurora kinase inhibition by CEP701 in cells expressing Jak2V617F	2013	Jan	Gäbler K, Rolvering C, Kaczor J, Eulenfeld R, Méndez SA, Berchem G, Palissot V, Behrmann I, Haan C.	J. Cell. Mol. Med.		2013 Jan 10. doi: 10.1111/jcmm.12005. [Epub ahead of print]	JNJ7706621, TG101209, TG101348 and VX680	SY-TG101209	SY-TG101348	SY-VX680	SY-JNJ7706621		http://www.ncbi.nlm.nih.gov/pubmed/23301855
52	RSK2Ser227 at N-Terminal Kinase Domain Is a Potential Therapeutic Target for Multiple Myeloma	2012	Dec	Yuji Shimura, Junya Kuroda, Masaki Ri, Hisao Nagoshi, Mio Yamamoto-Sugitani, Tsutomu Kobayashi, Miki Kiyota, Ryuko Nakayama, Shinsuke Mizutani, Yoshiaki Chinen, Natsumi Sakamoto, Yosuke Matsumoto, Shigeo Horiike, Yukimasa Shiotsu, Shinsuke Iida, and Masafumi Taniwaki	Mol. Cancer Ther	11	2600-2609	BI-D1870	IL-6, (catalog number 4006)					http://www.ncbi.nlm.nih.gov/pubmed/23012246
53	MEK1 inactivates Myt1 to regulate Golgi membrane fragmentation and mitotic entry in mammalian cells	2012	Dec	J Villeneuve, M Scarpa, M Ortega-Bellido, V Malhotra	EMBO J	32	72-85	BI-D1870	SY-BI-D1870					http://www.ncbi.nlm.nih.gov/pubmed?term=23241949
54	Transforming Growth Factor-β, Macrophage Colony-Stimulating Factor and C-Reactive Protein Levels Correlate with CD14(high)CD16+ Monocyte Induction and Activation in Trauma Patients	2012	Dec	Sonlee D. West, Daniel Goldberg, Anna Ziegler,Michael Krencicki,Terry W. Du Clos, Carolyn Mold	PLoS One	7(12)	e52406	Ki-20227	SY-Ki-20227					http://www.ncbi.nlm.nih.gov/pubmed/23285029
55	Loss of Scar/WAVE Complex Promotes N-WASP- and FAK-Dependent Invasion.	2012	Dec	Tang H, Li A, Bi J, Veltman DM, Zech T, Spence HJ, Yu X, Timpson P, Insall RH, Frame MC, Machesky LM.	Curr Biol.	12	S0960-9822	PF-562271	SY-PF-562271					http://www.ncbi.nlm.nih.gov/pubmed/23273897
56	Selectivity, Cocrystal Structures, and Neuroprotective Properties of Leucettines, a Family of Protein Kinase Inhibitors Derived from the Marine Sponge Alkaloid Leucettamine B	2012	Nov	Tania Tahtouh, Jonathan M. Elkins, Panagis Filippakopoulos, Meera Soundararajan, Guillaume Burgy, Emilie Durieu, Claude Cochet, Ralf S. Schmid, Donald C. Lo, Florent Delhomme, Anselm E. Oberholzer, Laurence H. Pearl, François Carreaux, Jean-Pierre Bazureau, Stefan Knapp, and Laurent Meijer	J Med Chem	55(21)	9312-30	YM-201636						www.ncbi.nlm.nih.gov/pubmed/22998443
57	Development and Validation of a High-Throughput Intrinsic ATPase Activity Assay for the Discovery of MEKK2 Inhibitors	2013	Apr	Syed Ahmad, Mark A. Hughes, Gary L. Johnson, and John E. Scott	J Biomol Screen	18(4)	388-99	VX-680						http://www.ncbi.nlm.nih.gov/pubmed/?term=23134735
58	Endosomal Maturation, Rab7 GTPase and Phosphoinositides in African Swine Fever Virus Entry	2012	Nov	Miguel A. Cuesta-Geijo, Inmaculada Galindo, Bruno Hernáez, Jose Ignacio Quetglas, Inmaculada Dalmau-Mena, Covadonga Alonso	PLoS ONE	7(11)	e48853	YM201636						http://www.ncbi.nlm.nih.gov/pubmed/23133661
59	EFFECTS OF EXERCISE AND ELEVATED FATTY ACID AVAILABILITY ON MUSCLE LIPID METABOLISM AND INSULIN SENSITIVITY	2012	Nov	Sean Alec Newsom	Univ. Michigan			3028-p1, pAS160(Thr642)						http://hdl.handle.net/2027.42/93988
60	The RabGAP TBC1D4/AS160 contains an atypical PTB domain that interacts with plasma membrane phospholipids to facilitate GLUT4 trafficking in adipocytes	2012	Nov	Shi-Xiong Tan, Yvonne Ng, James G. Burchfield, Georg Ramm, David G. Lambright, Jacqueline Stöckli and David E. James	MCB	10.1128	MCB.00761-12 MCB.00761-12	pThr642 AS160						www.ncbi.nlm.nih.gov/pubmed/23045393

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61	Gut microbiome composition is linked to whole grain-induced immunological improvements	2012	Oct	Inés Martínez, James M Lattimer, Kelcie L Hubach, Jennifer A Case, Junyi Yang, Casey G Weber, Julie A Louk, Devin J Rose, Gayaneh Kyureghian, Daniel A Peterson, Mark D Haub and Jens Walter	The ISME Journal	10.1038/ismej.2012.104		high-sensitive C-reactive protein (hs-CRP						www.ncbi.nlm.nih.gov/pubmed/23038174
62	Chemical Visualization of Phosphoproteomes on Membrane	2012	Sep	Anton Iliuk, X. Shawn Liu, Liang Xue, Xiaoqi Liu, and W. Andy Tao	Mol. Cell. Proteomics	11(9)	629-639	BI-2536						http://www.ncbi.nlm.nih.gov/pubmed/22593177
63	RSK2Ser227 at N-terminal kinase domain is a potential therapeutic target for multiple myeloma	2012	Sep	Yuji Shimura, Junya Kuroda, Masaki R, Hisao Nagoshi, Mio Yamamoto-Sugitani, Tsutomu Kobayashi, Miki Kiyota, Ryuko Nakayama, Shinsuke Mizutani, Yoshiaki Chinen, Natsumi Sakamoto, Yosuke Matsumoto, Shigeo Horiike, Yukimasa Shiotsu, Shinsuke Iid3, and Masafumi Taniwaki	OnlineFirst	10.1158/1535-7163	MCT-12-0605	BI-D1870, an RSK2inhibitor						www.ncbi.nlm.nih.gov/pubmed/23012246
64	Mpn1, Mutated in Poikiloderma with Neutropenia Protein 1, Is a Conserved 3 - to-5 RNA Exonuclease Processing U6 Small Nuclear RNA	2012	Sep	Vadim Shchepachev, Harry Wischnewski, Edoardo Missiaglia, Charlotte Soneson, Claus M. Azzalin	Cell Reports	Volume 2, Issue 4	855-865	inhibitor ML-60218						www.ncbi.nlm.nih.gov/pubmed/23022480
65	Oncogenic KRAS-induced epiregulin overexpression contributes to aggressive phenotype and is a promising therapeutic target in non-small-cell lung cancer	2012	Sep	N Sunaga, K Kaira, H Imai, K Shimizu, T Nakano, D S Shames, L Girard, J Soh, M Sato, Y Iwasaki, T Ishizuka, A F Gazdar, J D Minna and M Mori	Oncogene	10.1038/onc.2012.402		SB590885						www.ncbi.nlm.nih.gov/pubmed/22964644
66	Chemical Visualization of Phosphoproteomes on Membrane	2012	Sep	Anton Iliuk, X. Shawn Liu, Liang Xue, Xiaoqi Liu, and W. Andy Tao	Mol. Cell. Proteomics	11:	629 - 639.	BI 2536						www.ncbi.nlm.nih.gov/pubmed/22593177
67	Functional dissociation between PIKfyve-synthesized PtdIns5P and PtdIns(3,5)P2 by means of the PIKfyve inhibitor YM201636	2012	Aug	Diego Sbrissa, Ognian C. Ikonomov, Catherine Filios, Khortnal Delvecchio, and Assia Shisheva	Am J Physiol Cell Physiol	303(4)	C436-C446	YM201636						http://www.ncbi.nlm.nih.gov/pubmed/22621786
68	ARAF acts as a scaffold to stabilize BRAF:CRAF heterodimers	2012	Aug	A P Rebocho and R Marais	Oncogene	10.1038/onc.2012.330		SB590885						www.ncbi.nlm.nih.gov/pubmed/22926515
69	Functional characterization of cancer-associated Gab1 mutations	2012	Jul	C Ortiz-Padilla, D Gallego-Ortega, B C Browne, F Hochgräfe, C E Caldon, R J Lyons, D R Croucher, D Rickwood, C J Ormandy, T	Oncogene	10.1038/onc.2012.271		and human cell-expressed HGF						www.ncbi.nlm.nih.gov/pubmed/22751113
70	TSLP Signaling Network Revealed by SILAC-Based Phosphoproteomics	2012	May	Jun Zhong, Min-Sik Kim, Raghothama Chaerkady, Xinyan Wu, Tai-Chung Huang, Derese Getnet, Christopher J. Mitchell, Shyam M. Palapetta, Jyoti Sharma, Robert N. O'Meally, Robert N. Cole, Akinori Yoda, Albrecht Moritz, Marc M. Loriaux, John Rush, David M. Weinstock, Jeffrey W. Tyner, and Akhilesh Pandey	Mol. Cell. Proteomics	11: M112.017764.		Ki-20227						www.ncbi.nlm.nih.gov/pubmed/22345495
71	An ATP-Site On-Off Switch That Restricts Phosphatase Accessibility of Akt	2012	May	Kui Lin, Jie Lin, Wen-I Wu, Joshua Ballard, Brian B. Lee, Susan L. Gloor, Guy P. A. Vigers, Tony H. Morales, Lori S. Friedman, Nicholas Skelton, and Barbara J. Brandhuber	Sci. Signal	5: ra37		GSK690693 and BX-795						www.ncbi.nlm.nih.gov/pubmed/22569334
72	FRET imaging and statistical signal processing reveal positive and negative feedback loops regulating the morphology of randomly migrating HT-1080 cells.	2012	May	Katsuyuki Kunida, Michiyuki Matsuda and Kazuhiro Aoki	J. Cell Sci.,	125	2381 - 2392	PIK-93						www.ncbi.nlm.nih.gov/pubmed/22344265

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73	Treatment of osteolytic disorders and cancer using CSF1R extracellular domain fusion molecules	2012	May	Lin, Haishan (Moraga, CA, US), Long, Li (Lafayette, CA, US), Five Prime Therapeutics, Inc.	United States Patent	US Patent US8183207		1105H					http://www.google.com/patents/US8183207
74	The B7-H3 Protein and its role in Breast Cancer Treatment Response	2012	May	Cathrine Pedersen	PHD thesis, NTNU			CP-724714					http://ntnu.diva-portal.org/smash/get/diva2:565868/FULLTEXT01
75	DMXAA (Vadimezan, ASA404) is a Multi-kinase Inhibitor Targetting VEGF-R2 in Particular	2012	May	Buchanan CM, Shih JH, Astin JW, Rewcastle GW, Flanagan JU, Crosier PS, Shepherd PR.	Clin Sci (Lond).	122(10)	449-57	3075H					www.ncbi.nlm.nih.gov/pubmed/22142330
76	Thermostable direct hemolysin diminishes tyrosine phosphorylation of epidermal growth factor receptor through protein kinase C dependent mechanism	2012	Apr	Poulomee Karmakar, Manoj K. Chakrabarti	Biochimica et Biophysica Acta	in press online?		Multi-kinase ELISA Array kit					www.ncbi.nlm.nih.gov/pubmed/22543197
77	P90 RSK arranges Chk1 in the nucleus for monitoring of genomic integrity during cell proliferation	2012	Apr	Ping Li, Hidemasa Goto, Kousuke Kasahara, Makoto Matsuyama, Zhonghua Wang, Yasushi Yatabe, Tohru Kiyono, and Masaki Inagaki	Mol. Cell. Proteomics	23	1582 - 1592	BI-D1870					www.ncbi.nlm.nih.gov/pubmed/22357623
78	Metastasis gene NEDD9 acts through integrin β3 and Src to promote mesenchymal motility and inhibit amoeboid motility.	2012	Apr	Jessica Ahn,Victoria Sanz-Moreno and ,Christopher J. Marshall	J. Cell Sci.,	125	1814 - 1826	PF-562271					www.ncbi.nlm.nih.gov/pubmed/22328516
79	GLUT4 and Glycogen Synthase Are Key Players in Bed Rest–Induced Insulin Resistance	2012	Mar	Rasmus S. Bienso, Stine Ringho,Kristian Kiilerich,Niels-Jacob Aachmann-Andersen, Rikke Krogh-Madsen,Borja Guerra, Peter Plomgaard,Gerrit van Hall,Jonas T. Treebak, Bengt Saltin, Carsten Lundby, Jose A.L. Calbet,Henriette Pilegaard,Jørgen F.P. Wojtaszewski.	Diabetes	10.2337/db11-0884		3028-P2 and 3028-P1					www.ncbi.nlm.nih.gov/pubmed/22403297
80	PI3K-Akt-mTORC1-S6K1/2 Axis Controls Th17 Differentiation by Regulating Gfi1 Expression and Nuclear Translocation of RORγ	2012	Mar	Yutaka Kurebayashi, Shigenori Nagai, Ai Ikejiri, Masashi Ohtani, Kenji Ichiyama, Yukiko Baba1, Taketo Yamada, Shohei Egami, Takayuki Hoshii, Atsushi Hirao, Satoshi Matsuda, Shigeo Koyasu.	Cell Reports	ISSN 2211-1247	10.1016/j.celrep.2012.02.007	IC87114					www.ncbi.nlm.nih.gov/pubmed/22832227
81	ARF1 and GBF1 Generate a PI4P-Enriched Environment Supportive of Hepatitis C Virus Replication	2012	Feb	Zhang L, Hong Z, Lin W, Shao RX, Goto K, Hsu VW, Chung RT.	PLoS ONE	7(2):e32135		PIK93					www.ncbi.nlm.nih.gov/pubmed/22359663
82	TSLP signaling network revealed by SILAC-based phosphoproteomics	2012	Feb	Jun Zhonga, Min-Sik Kima, Raghothama Chaerkady, Xinyan Wua, Tai-Chung Huanga, Derese Getnet, Christopher J. Mitchell, Shyam M. Palapettad, Jyoti Sharmad, Robert N. O'Meally,Robert N. Cole, Akinori Yoda, Albrecht Moritz, Marc M. Loriaux, John Rush, David M.Weinstockg, Jeffrey W. Tyner and Akhilesh Pandey	Mol. Cell. Proteomics	10.1074	mcp.M112.017764	A-674563 .....Ki-20227					www.ncbi.nlm.nih.gov/pubmed/22345495
83	Drosophila as a Model for MECP2 Gain of Function in Neurons	2012	Feb	Vonhoff F, Williams A, Ryglewski S, Duch C.	PLoS ONE	7(2)	e31835	MECP2, SY-p1205-80	SY-p1205-80				www.ncbi.nlm.nih.gov/pubmed/22363746
84	Effects of acutely inhibiting PI3K isoforms and mTOR on regulation of glucose metabolism in vivo	2012	Feb	Smith GC, Ong WK, Rewcastle GW, Kendall JD, Han W, Shepherd PR.	Biochem J.	442(1)	161–169	ZSTK474	PI-103	BEZ235	PIK75	A66	TGX221, IC87114 and AS252	www.ncbi.nlm.nih.gov/pubmed/22142257
85	BCR-ABL uncouples canonical JAK2-STAT5 signaling in chronic myeloid leukemia	2012	Jan	Hantschel O, Warsch W, Eckelhart E, Kaupe I, Grebien F, Wagner KU, Superti-Furga G, Sexl V.	Nat Chem Biol	8(3):285-93	10.1038/nchembio.775	JAK inhibitor I, TG101348, and TG101209	SY-Jak Inihibitor I	SY-TG101348	SY-TG101209		www.ncbi.nlm.nih.gov/pubmed/22286129

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86	Rsk-mediated phosphorylation and 14-3-3ϵ binding of Apaf-1 suppresses cytochrome c-induced apoptosis	2012	Jan	Jiyeon Kim, Amanda B Parrish, Manabu Kurokawa, Kenkyo Matsuura, Christopher D Freel, Joshua L Andersen, Carrie E Johnson and Sally Kornbluth	The EMBO Journal	10.1038	emboj.2011.491	BI-D1870						www.ncbi.nlm.nih.gov/pubmed/22246185
87	Disruption of fibroblast growth factor receptor signaling in bovine cumulus-oocyte complexes during in vitro maturation reduces subsequent embryonic development	2012	Jan	K. Zhang, A.D. Ealy	Domestic Animal Endocrinology	Available online		SU5402						www.ncbi.nlm.nih.gov/pubmed/22264662
88	The phosphoinositide 3' kinase p110δ modulates contractile protein production and IL 6 release in human airway smooth muscle	2012	Jan	Qi Ge1, Lyn M Moir, Thomas Trian, Kyoko Niimi, Maree Poniris, Peter R Shepherd, Judith L. Black, Brian G. Oliver, Janette K. Burgess	J. Cell. Physiol	10.1002	jcp.23046	TGX221	IC87114					www.ncbi.nlm.nih.gov/pubmed/22015454
89	Wnt/{beta}-Catenin Signaling and AXIN1 Regulate Apoptosis Triggered by Inhibition of the Mutant Kinase BRAFV600E in Human Melanoma	2012	Jan	Biechele TL, Kulikauskas RM, Toroni RA, Lucero OM, Swift RD, James RG, Robin NC, Dawson DW, Moon RT, [illegible]	Sci Signal	5(206)	ra3. doi: 10.1126/scisignal.2002274	PLX4720						www.ncbi.nlm.nih.gov/pubmed/22234612
90	A novel zebrafish jak2aV581F model shared features of human JAK2V617F polycythemia vera	2011	Dec	Alvin C.H. Ma, August Fan, Alister C. Ward, Clifford Liongue, Rowena S. Lewis, Suk H. Cheng, P.K. Chan, Sze-Fai Yip, Raymond Liang, Anskar Y.H. Leung	Exp. Hematol	37(12)	1379-1386.e4	TG101209						www.ncbi.nlm.nih.gov/pubmed/19772888
91	Amplification and demultiplexing in the insulin regulated Akt pathway in adipocytes	2011	Dec	Shi-Xiong Tan1,Yvonne Ng1,Christopher C. Meoli1,Ansu Kumar,Poh-Sim Khoo,Daniel J. Fazakerley,Jagath R. Junutula,Shireen Vali,David E. James,and Jacqueline	Biochem J.		PMID: 22207758	pSer588 AS160	pThr642 AS160					www.ncbi.nlm.nih.gov/pubmed/22207758
92	Dynamic regulation of Th17 differentiation by oxygen concentrations	2011	Dec	Ai Ikejiri, Shigenori Nagai, Nobuhito Goda, Yutaka Kurebayashi, Mayuko Osada-Oka, Keiyo Takubo, Toshio Suda, and Shigeo Koyasu	Int. Immunol	10.1093/intimm/dxr111		IC87114						www.ncbi.nlm.nih.gov/pubmed/22207131
93	IL-4 induces proliferation in prostate cancer PC3 cells under nutrient-depletion stress through the activation of the JNK-pathway and survivin upregulation	2011	Dec	Hernan Roca, Matthew J. Craig, Chi Ying, Zachary S. Varsos, Paul Czarnieski, Ajjai S. Alva, James Hernandez, David Fuller, Stephanie Daignault, Patrick N. Healy, Kenneth J. Pienta	J Cell Biochem	In press Dec 2011		IL-4	4004C					www.ncbi.nlm.nih.gov/pubmed/22174091
94	C-Kit controls IL-1β-induced effector functions in HMC-cells	2011	Dec	Sebastian Drube,Frederike Schmitza, Christiane Göpferta, Franziska Webera, Thomas Kamradta	Euro J Pharmacology	In press Dec 2011		c-Kit	3026H					www.ncbi.nlm.nih.gov/pubmed/22173128
95	Nilotinib and MEK Inhibitors Induce Synthetic Lethality through Paradoxical Activation of RAF in Drug-Resistant Chronic Myeloid Leukemia	2011	Dec	Packer LM, Rana S, Hayward R, O'Hare T, Eide CA, Rebocho A, Heidorn S, Zabriskie MS, Niculescu-Duvaz I, Druker BJ, Springer C, Marais R.	Cancer Cell		PMID: 22169110	imatinib	nilotinib	dasatinib				www.ncbi.nlm.nih.gov/pubmed/22169110
96	Effects of Acutely Inhibiting PI 3-kinase Isoforms and mTOR on Regulation of Glucose Metabolism in vivo	2011	Dec	Greg C. SMITH, Wee Kiat ONG, Gordon W. REWCASTLE, Jackie D. KENDALL, Weiping HAN and Peter R. SHEPHERD	Biochemical Journal		PMID: 22142257	ZSTK474	PI-103	BEZ235	PIK75	A66	TGX221 &IC87114, AS252	www.ncbi.nlm.nih.gov/pubmed/22142257

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97	Coupling mammalian cell surface display with somatic hypermutation for the discovery and maturation of human antibodies	2011	Dec	Peter M. Bowers, Robert A. Horlick, Tamlyn Y. Neben, Rachelle M. Toobian, Geoffrey L. Tomlinson, Jennifer L. Dalton, Heather A. Jones, Andy Chen, Laurence Altobell, III, Xue Zhang, John L. Macomber, Irina P. Krapf, Betty F. Wu, Audrey McConnell, Betty Chau, Trevin Holland, Ashley D. Berkebile, Steven S. Neben, William J. Boyle, and David J. King	PNAS	10.1073	pnas.1114010108.	TrkA-Fc						www.ncbi.nlm.nih.gov/pubmed/22158898
98	Development of an optimized backbone of FRET biosensors for kinases and GTPases	2011	Dec	Naoki Komatsu, Kazuhiro Aoki, Masashi Yamada, Hiroko Yukinaga Yoshihisa Fujita Yuji Kamioka, and Michiyuki Matsuda	Mol. Biol. Cell.	22	4647 - 4656	BI-D1870						www.ncbi.nlm.nih.gov/pubmed/21976697
99	Development of an optimized backbone of FRET biosensors for kinases and GTPases.	2011	Oct	Naoki Komatsu,Kazuhiro Aoki,Masashi Yamada,Hiroko Yukinaga,Yoshihisa Fujita,Yuji Kamioka, and Michiyuki Matsuda	Mol. Biol. Cell.	mbc.E11-01-0072		BI-D1870						www.ncbi.nlm.nih.gov/pubmed/21976697
100	ZSTK474, a specific phosphatidylinositol 3-kinase inhibitor, induces G1 arrest of the cell cycle in vivo	2011	Oct	Shingo Dana, Mutsumi Okamuraa, Yumiko Mukaia, Hisashi Yoshimia, Yasumichi Inoueb, Aki Hanyub, Asako Sakaue-Sawano, Takeshi Imamurab, Atsushi Miyawakid, Takao Yamoria	European Journal of Cancer	in press 10.1016/j.ejca	GDC-0941	ZSTK474						www.ncbi.nlm.nih.gov/pubmed/22088482
101	Type I keratin 17 is phosphorylated on Serine 44 by RSK1 in a growth-and stress-dependent fashion	2011	Oct	Xiaoou Pan, Lesley A. Kane, Jennifer E. Van Eyk and Pierre A. Coulombe	J Biol Chem		PMID :22006917	BI-D1870						www.ncbi.nlm.nih.gov/pubmed/22006917
102	The phosphoinositide 3' kinase p110δ modulates contractile protein production and IL 6 release in human airway smooth muscle	2011	Oct	Qi Ge, Lyn M Moir, Thomas Trian, Kyoko Niimi, Maree Poniris, Peter R Shepherd, Judith L. Black, Brian G. Oliver, Janette K. Burgess	J Cell Physiol	10.1002/jcp.23046;	PMID: 22015454	TGX221	IC87114					www.ncbi.nlm.nih.gov/pubmed/22015454
103	Genetic Interaction between MTMR2 and FIG4 Phospholipid Phosphatases Involved in Charcot-Marie-Tooth Neuropathies	2011	Oct	Ilaria Vaccari, Giorgia Dina, Hélène Tronchère, Emily Kaufman, Gaëtan Chicanne, Federica Cerri, Lawrence Wrabetz, Bernard Payrastre, Angelo Quattrini, Lois S. Weisman, Miriam H. Meisler, Alessandra Bolino	PloS Genet 7(10)	10.1371/journal.pgen	e1002319	YM201636						http://www.plosgenetics.org/article/info%3Adoi%2F10.1371%2Fjournal.pgen.1002319
104	Phosphatidylinositol(4,5)bisphosphate coordinates actin-mediated mobilization and translocation of secretory vesicles to the plasma membrane of chromaffin cells	2011	Oct	Peter J. Wen, Shona L. Osborne, Mark Zanin, Pei Ching Low, Hai-Tao A. Wang, Simone M. Schoenwaelder, Shaun P. Jackson, Roland Wedlich-Söldner, Bart Vanhaesebroeck, Damien J. Keating & Frédéric A.	Nat Chommun	491;10.1038/ncomms1500	PMID: 21971506	IC87114						www.ncbi.nlm.nih.gov/pubmed/21971506
105	The catalytic phosphoinositol 3-kinase isoform p110δ is required for glioma cell migration and invasion	2011	Sep	Sze Ki Luka,Roland P. Piekorzb,Bernd Nürnbergc,Shing-Shun Tony To	European Journal of Cancer	in press doi:10.1016/j.ejca		IC87114	CAL-101					www.ncbi.nlm.nih.gov/pubmed/22079609
106	West Nile Virus Replication Requires Fatty Acid Synthesis but Is Independent on Phosphatidylinositol-4-Phosphate Lipids	2011	Sep	Miguel A. Martín-Acebes, Ana-Belén Blázquez, Nereida Jiménez de Oya, Estela Escribano-Romero, Juan-Carlos Saiz	PLoS ONE	6(9):	e24970	PIK93						www.ncbi.nlm.nih.gov/pubmed?db=pubmed...21949814

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107	Glomerular endothelial PI3 kinase-α couples to VEGFR2, but is not required for eNOS activation	2011	Sep	Qiu-Xia Zhang, Maryam Nakhaei-Nejad, George Haddad, Xuemei Wang, Rodger D. Loutzenhiser, and Allan G Murray	Am J Physiol Cell Physiol		PMID: 21937609	IC87114						www.ncbi.nlm.nih.gov/pubmed/21937609
108	Exercise-induced pyruvate dehydrogenase activation is not affected by 7 days of bed rest	2011	Sep	Kristian Kiilerich, Stine Ringholm, Rasmus S. Biensø, James P. Fisher, Ninna Iversen, Gerrit van Hall, Jørgen F. P. Wojtaszewski, Bengt Saltin, Carsten Lundby, Jose A. L. Calbet, and Henriette	J Appl Physiol	111	751 - 757	3028-P2	3028-P1	Ser588, Thr642 ??				www.ncbi.nlm.nih.gov/pubmed/21680880
109	Phosphoinositide 3-Kinase (PI3K(p110α) Directly Regulates Key Components of the Z-disc and Cardiac Structure	2011	Sep	Waardenberg AJ, Bernardo BC, Ng DC, Shepherd PR, Cemerlang N, Sbroggiò M, Wells CA, Dalrymple BP, Brancaccio M, Lin RC,	J Biol Chem	286(35)	30837-30846	PIK75	A66					www.ncbi.nlm.nih.gov/pubmed/21757757
110	A drug targeting only p110α can block phosphoinositide 3-kinase signalling and tumour growth in certain cell types	2011	Aug	Stephen Jamieson, Jack U. Flanagan, Sharada Kolekar, Christina Buchanan, Jackie D. Kendall,Woo-Jeong Lee, Gordon W. Rewcastle, William A. Denny,Ripudaman Singh, James Dickson, Bruce C. Baguley, and Peter R. Shepherd	Biochem J.	438(Pt 1):	53–62	PIK-75	TGX-221	IC87114				www.ncbi.nlm.nih.gov/pubmed/21668414
111	Increased basal intracellular signaling patterns do not correlate with JAK2 genotype in human myeloproliferative neoplasms	2011	Aug	Shubha Anand, Frances Stedham, Emma Gudgin, Peter Campbell, Philip Beer, Anthony R. Green, and Brian	Blood	118	1610 - 1621	TG101209						www.ncbi.nlm.nih.gov/pubmed/21653937
112	Oncogene-induced Nrf2 transcription promotes ROS detoxification and tumorigenesis	2011	Jul	Gina M. DeNicola,Forian A. Karreth,Timothy J. Humpton,Aarthi Gopinathan,Cong Wei,Kristopher Frese,Dipti Mangal,Kenneth H. Yu,Charles J. Yeo,Eric S. Calhoun,Francesca Scrimieri,Jordan M. Winter,Ralph H. Hruban,Christine Iacobuzio-Donahue,Scott E. Kern,Ian A. Blair,David A. Tuveson	Nature	475, 10.1038/nature 10189	106–109	AZD6244						www.ncbi.nlm.nih.gov/pubmed/21734707
113	Phosphoinositide 3-kinase signaling pathway mediated by p110α regulates invadopodia formation	2011	Jun	Hideki Yamaguchi, Shuhei Yoshida, Emi Muroi, Nachi Yoshida, Masahiro Kawamura, Zen Kouchi, Yoshikazu Nakamura, Ryuichi Sakai, and Kiyoko	J.Cell Biol	193	1275 – 1288	PIK-75	IC87114					www.ncbi.nlm.nih.gov/pubmed/21708979
114	A homogeneous and nonisotopic assay for phosphatidylinositol 4-kinases	2011	Jun	Andrew W. Tai, Naveen Bojjireddy and Tamas Balla	Anal Biochem	417(1) 97-102. Epub 2011 Jun 7	PMID: 21704602	PIK-93(9)						www.ncbi.nlm.nih.gov/pubmed/21704602
115	Sunitinib inhibits lymphatic endothelial cell functions and lymph node metastasis in a breast cancer model through inhibition of vascular endothelial growth factor receptor 3	2011	Jun	Kodera Y, Katanasaka Y, Kitamura Y, Tsuda H, Nishio K, Tamura T, Koizumi F.	Breast Cancer Res	13(3)	R66	Sunitinib						www.ncbi.nlm.nih.gov/pubmed/21693010
116	SH3P2 is a negative regulator of cell motility whose function is inhibited by ribosomal S6 kinase mediated phosphorylation	2011	May	Susumu Tanimura, Junya Hashizume†, Yukiko Kurosaki, Kanako Sei, Aiko Gotoh, Rika Ohtake, Michihiro Kawano, Kazushi Watanabe, Michiaki Kohno	Genes to Cells	Volume 16, Issue 5	514–526	BI-D1870						www.ncbi.nlm.nih.gov/pubmed/21501342

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117	C5a-mediated neutrophil dysfunction is RhoA-dependent and predicts infection in critically ill patients	2011	May	Andrew Conway Morris, Mairi Brittan, Thomas S. Wilkinson, Danny F. McAuley, Jean Antonelli, Corrienne McCulloch, Laura C. Barr, Neil A. McDonald, Kev Dhaliwal, Richard O. Jones, Annie Mackellar, Christopher Haslett, Alasdair W. Hay, David G. Swann, Niall Anderson, Ian F. Laurenson, Donald J. Davidson, Adriano G. Rossi, Timothy S. Walsh, and A.	Blood	117	5178 - 5188	IC87114						www.ncbi.nlm.nih.gov/pubmed/21292772
118	Phosphatidylinositol 3-Kinase Isoform-Specific Effects in Airway Mesenchymal Cell Function	2011	May	Lyn M. Moir, Thomas Trian, Qi Ge, Peter R. Shepherd, Janette K. Burgess, Brian G. G. Oliver, and Judith L. Black	J. Pharmicol. Exp. Ther	337	557 - 566	PIK75	IC87114	TGX221				www.ncbi.nlm.nih.gov/pubmed/21349933
119	Fibroblast growth factor requirements for in vitro development of bovine embryos	2011	May	Sarah D Fields, Peter J Hansen, Alan D Ealy	Theriogenology	75(8)	Pages 1466-1475	SU5402						www.ncbi.nlm.nih.gov/pubmed/21295834
120	Phosphatidylinositol 3-Kinase Isoform-Specific Effects in Airway Mesenchymal Cell Function	2011	May	Lyn M. Moir, Thomas Trian, Qi Ge, Peter R. Shepherd, Janette K. Burgess, Brian G. G. Oliver and Judith L. Black	JPET	Vol 337/No 2	557-566	TGX221	IC87114					www.ncbi.nlm.nih.gov/pubmed/21349933
121	The evolution of insulin resistance in muscle of the glucose infused rat	2011	May	Amanda E. Brandon,Andrew J. Hoy, Lauren E. Wright, Nigel Turner, Bronwyn D. Hegarty, Tristan J. Iseli, X. Julia Xu, Gregory J. Cooney, Asish K. Saha, Neil B. Ruderman and Edward W. Kraegen	Archives of Biochemistry and Biophysics	Volume 509, Issue 2	Pages 133-141	phospho-Thr 642 AS160						www.ncbi.nlm.nih.gov/pubmed/21420928
122	Involvement of Oxygen-regulated Protein 150 in AMP-activated Protein Kinase-mediated Alleviation of Lipid-induced Endoplasmic Reticulum Stress	2011	Apr	Yun Wang, Zeyu Wu, Dan Li, Duan Wang, Xiaoming Wang, Xiang Feng, and Min Xia	J. Biol. Chem	286	11119 – 11131	A-769662						www.ncbi.nlm.nih.gov/pubmed/21296878
123	The Phosphoinositide Kinase PIKfyve Is Vital in Early Embryonic Development: PREIMPLANTATION LETHALITY OF PIKfyve−/− EMBRYOS BUT NORMALITY OF PIKfyve+/− MICE	2011	Apr	Ognian C. Ikonomov, Diego Sbrissa, Khortnal Delvecchio, Yufen Xie, Jian-Ping Jin, Daniel Rappolee, and Assia Shisheva	J. Biol. Chem	286	13404 - 13413	YM201636						www.ncbi.nlm.nih.gov/pubmed/21349843
124	Involvement of Oxygen-regulated Protein 150 in AMP-activated Protein Kinase-mediated Alleviation of Lipid-induced Endoplasmic Reticulum Stress	2011	Apr	Wang Y, Wu Z, Li D, Wang D, Wang X, Feng X, Xia M.	J Biol Chem	286(13)	11119-11131	A-769662						www.ncbi.nlm.nih.gov/pubmed/21296878
125	SCFFBW7 regulates cellular apoptosis by targeting MCL1 for ubiquitylation and destruction	2011	Mar	Hiroyuki Inuzuka,Shavali Shaik,Ichiro Onoyama,Daming Gao,Alan Tseng,Richard S. Maser,Bo Zhai,Lixin Wan,Alejandro Gutierrez,Alan W. Lau,Yonghong Xiao,Amanda L. Christie,Jon Aster,Jeffrey Settleman,Steven P. Gygi,Andrew L. Kung,Thomas Look,Keiichi I. Nakayama,Ronald A. DePinho,Wenyi Wei	Nature	471, 10.1038/nature 09732	104–109	ABT-737						www.ncbi.nlm.nih.gov/pubmed/21368833
126	Regulatory Effects of Ribosomal S6 Kinase 1 (RSK1) in IFN Signaling	2011	Jan	Barbara Kroczynska, Sonali Joshi, Elizabeth A. Eklund, Amit Verma, Sergei V. Kotenko, Eleanor N. Fish, and Leonidas C. Platanias	J. Biol. Chem	286	1147 - 1156	BI-D1870						www.ncbi.nlm.nih.gov/pubmed/21075852

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127	Autophagy Controls IL-1β Secretion by Targeting Pro-IL-1β for Degradation	2011	Jan	James Harris, Michelle Hartman, Caitrionna Roche, Shijuan G. Zeng, Amy O'Shea, Fiona A. Sharp, Eimear M. Lambe, Emma M. Creagh, Douglas T. Golenbock, Jurg Tschopp, Hardy Kornfeld, Katherine A. Fitzgerald, and Ed C. Lavelle	J. Biol. Chem	286	9587 - 9597	IC87114						www.ncbi.nlm.nih.gov/pubmed/21228274
128	Regulatory Effects of Ribosomal S6 Kinase 1 (RSK1) in IFNλ Signaling	2011	Jan	Barbara Kroczynska, Sonali Joshi, Elizabeth A. Eklund, Amit Verma, Sergei V. Kotenko, Eleanor N. Fish and Leonidas C. Platanias	The Journal of Biological Chemistry	286	1147-1156	BI-D1870						www.ncbi.nlm.nih.gov/pubmed/21075852
129	Oncogenic BRAF Induces Melanoma Cell Invasion by Downregulating the cGMP-Specific Phosphodiesterase PDE5A	2011	Jan	. Imanol Arozarena, Berta Sanchez-Laorden, Leisl Packer, Cristina Hidalgo-Carcedo, Robert Hayward, Amaya Viros, Erik Sahai, Richard Marais	Cancer Cell	Volume 19, Issue 1	45-57	SB590885						www.ncbi.nlm.nih.gov/pubmed/21215707
130	Akt2 regulates expression of the actin-bundling protein paladin	2010	Dec	Y. Rebecca Chin, a, and Alex Toker	FEBS Letters	Volume 584, Issue 23	Pages 4769-4774	SN30978 (referred to Akti-1/2						www.ncbi.nlm.nih.gov/pubmed/21050850
131	Biased binding of class IA phosphatidyl inositol 3-kinase subunits to inducible costimulator (CD278)	2010	Dec	Yenny Y. Acosta, Maria Paz Zafra, Gloria Ojeda, Ilaria Seren Bernardone, Umberto Dianzani, Pilar Portolés and Jose M. Rojo	Cell Mol Life Science	Dec 28, 2010		IC87114						www.ncbi.nlm.nih.gov/pubmed/21188463
132	VEGF121b and VEGF165b are weakly angiogenic isoforms of VEGF-A	2010	Dec	Raúl Catena, Leyre Larzaba, Marta Larrayoz, Eva Molina, Jose Hermida, Jackeline Agorreta, Ramon Montes, Ruben Pio, Luis M Montuenga and Alfonso Calvo	Mol Cancer	9	320	3075H						www.ncbi.nlm.nih.gov/pubmed/21194429
133	COT drives resistance to RAF inhibition through MAP kinase pathway reactivation	2010	Dec	Johannessen CM, Boehm JS, Kim SY, Thomas SR, Wardwell L, Johnson LA, Emery CM, Stransky N, Cogdill AP, Barretina J, Caponigro G, Hieronymus H, Murray RR, Salehi-Ashtiani K, Hill DE, Vidal M, Zhao JJ, Yang X, Alkan O, Kim S, Harris JL, Wilson CJ, Myer VE, Finan PM, Root DE, Roberts TM, Golub T, Flaherty KT, Dummer R, Weber BL, Sellers WR, Schlegel R, Wargo JA, Hahn	Nature	468(732)	968–972	PLX4720						www.ncbi.nlm.nih.gov/pubmed/21107320
134	AKAP-Lbc enhances cyclic AMP control of the ERK1/2 cascade	2010	Dec	Smith FD, Langeberg LK, Cellurale C, Pawson T, Morrison DK, Davis RJ, Scott	Nat Cell Biol	12(12)	1242–1249	sorafenib						www.ncbi.nlm.nih.gov/pubmed/21102438
135	DIE ROLLE VON BCL-2 FAMILIENMITGLIEDERN	2010	Dec	Valarie Voss	PHD Dissertation			ABT-737						http://publikationen.ub.uni-frankfurt.de/frontdoor/index/index/docId/21038
136	Inhibition of the c-fms proto-oncogene autocrine loop and tumor phenotype in glucocorticoid stimulated human breast carcinoma cells	2010	Nov	Eugene P. Toy, Tiffany Lamb, Masoud Azodi, William J. Roy, Ho-Hyung Woo and Setsuko K.	Cancer Res Treat	[Epub ahead of print]	PMID: 21063905	Ki20227						www.ncbi.nlm.nih.gov/pubmed/21063905
137	Adenosine Monophosphate-activated Protein Kinase Induces Cholesterol Efflux from Macrophage-derived Foam Cells and Alleviates Atherosclerosis in Apolipoprotein E-deficient	2010	Oct	Dan Li, Duan Wang, Yun Wang, Wenhua Ling, Xiang Feng, and Min Xia	J. Biol. Chem	285	33499 - 33509	A-769662						www.ncbi.nlm.nih.gov/pubmed/20713354
138	The SNX-PX-BAR family in macropinocytosis: the regulation of macropinosome formation by SNX-PX-BAR proteins.	2010	Oct	Wang JT, Kerr MC, Karunaratne S, Jeanes A, Yap AS, Teasdale RD.	PLoS ONE	5(10)	e13763	YM201636						http://www.ncbi.nlm.nih.gov/pubmed/21048941

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139	Phosphoinositide 3-kinase regulates membrane fission of Golgi carriers for selective cytokine secretion	2010	Sep	Pei Ching Low, Ryo Misaki, Kate Schroder, Amanda C. Stanley, Matthew J. Sweet, Rohan D. Teasdale, Bart Vanhaesebroeck, Frédéric A. Meunier, Tomohiko Taguchi, and Jennifer L. Stow	J. Biol. Chem	190	1053 - 1065	IC87114 (p110delta)						www.ncbi.nlm.nih.gov/pubmed/20837769
140	Phosphoinositide 3-Kinase Regulates Airway Smooth Muscle Contraction by Modulating Calcium Oscillations	2010	Sep	Haihong Jiang, Peter W. Abel, Myron L. Toews, Caishu Deng, Thomas B. Casale, Yan Xie, and Yaping	J. Pharmicol. Exp. Ther	334	703 - 709	IC87114						www.ncbi.nlm.nih.gov/pubmed/20501633
141	Overexpression of the oncogenic signal transducer Gab2 occurs early in breast cancer development	2010	Sep	Emmy D.G. Fleuren1, Sandra O'Toole1,2, Ewan K. Millar1, Catriona McNeil1, Elena Lopez-Knowles1, Alice Boulghourjian1, David R. Croucher1, Daniel Schramek3, Tilman Brummer1, Josef M. Penninger3, Robert L. Sutherland1,2, Roger J. Daly	International Journel of Cancer	Volume 127, Issue 6	pages 1486–1492	Gab2						www.ncbi.nlm.nih.gov/pubmed/20087860
142	Prolactin-induced Jak2 phosphorylation of RUSH: A key element in Jak/RUSH signaling	2010	Aug	Rebecca A. Helmer, Marlyn Panchoo, Janet S. Dertienb, Suhani M. Bhakta, Aveline Hewetson and Beverly S. Chilton	Molecular and Cellular Endocrinology	Volume 325, Issues 1-2	Pages 143-149	TG101209						www.ncbi.nlm.nih.gov/pubmed/20562009
143	Tumor-Conditioned Macrophages Secrete Migration-Stimulating Factor: A New Marker for M2-Polarization, Influencing Tumor Cell Motility	2010	Jul	Graziella Solinas, Silvia Schiarea, Manuela Liguori, Marco Fabbri, Samantha Pesce, Luca Zammataro, Fabio Pasqualini, Manuela Nebuloni, Chiara Chiabrando, Alberto Mantovani, and Paola Allavena	J. Immunol	185	642 - 652	Recombinant Human M-CSF R-Fc Chimera	rhMCSF R-Fc Chimera					www.ncbi.nlm.nih.gov/pubmed/20530259
144	The Pan-Bcl-2 Inhibitor (−)-Gossypol Triggers Autophagic Cell Death in Malignant Glioma	2010	Jul	Valerie Voss, Christian Senft, Verena Lang, Michael W. Ronellenfitsch, Joachim P. Steinbach, Volker Seifert, and Donat Kögel	Mol. Cancer Res	8	1002 - 1016	ABT-737						www.ncbi.nlm.nih.gov/pubmed/20587533
145	Selective BRAFV600E Inhibition Enhances T-Cell Recognition of Melanoma without Affecting Lymphocyte Function	2010	Jul	Andrea Boni, Alexandria P. Cogdill, Ping Dang, Durga Udayakumar, Ching-Ni Jenny Njauw, Callum M. Sloss, Cristina R. Ferrone, Keith T. Flaherty, Donald P. Lawrence, David E. Fisher, Hensin Tsao, and Jennifer A. Wargo	Cancer Res.	70	5213 - 5219	BRAF-V600E inhibitor PLX4720						www.ncbi.nlm.nih.gov/pubmed/20551059
146	Regulation of PIKfyve phosphorylation by insulin and osmotic stress	2010	Jul	Elaine V. Hill, Claire A. Hudson, Didier Vertommen, Mark H. Rider and Jeremy M. Tavaré	Biochemical and Biophysical Research Communications	Volume 397, Issue 4	Pages 650-655	YM201636						www.ncbi.nlm.nih.gov/pubmed/20513353
147	Adenosine monophosphate activated protein kinase regulates ABCG1-mediated oxysterol efflux from endothelial cells and protects against hypercholesterolemia-induced endothelial dysfunction.	2010	Jul	Li D, Zhang Y, Ma J, Ling W, Xia M.	Arterioscler Thromb Vasc Biol.	30(7)	1354-1362	A-769662						www.ncbi.nlm.nih.gov/pubmed/20395595
148	Correlating Phosphatidylinositol 3-Kinase Inhibitor Efficacy with Signaling Pathway Status: In silico and Biological Evaluations	2010	Jun	Shingo Dan, Mutsumi Okamura, Mariko Seki, Kanami Yamazaki, Hironobu Sugita, Michiyo Okui, Yumiko Mukai, Hiroyuki Nishimura, Reimi Asaka, Kimie Nomura, Yuichi Ishikawa, and Takao Yamori	Cancer Res.	70	4982 - 4994	GDC-0941	IC87114					www.ncbi.nlm.nih.gov/pubmed/20530683

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149	Gatekeeper Mutations Mediate Resistance to BRAF-Targeted Therapies	2010	Jun	Steven Whittaker, Ruth Kirk, Robert Hayward, Alfonso Zambon, Amaya Viros, Neus Cantarino, Annette Affolter, Arnaud Nourry, Dan Niculescu-Duvaz, Caroline Springer, and Richard Marais	Science Translational Medicine	2	35ra41	SB590885						www.ncbi.nlm.nih.gov/pubmed/20538618
150	Both p110α and p110β Isoforms of Phosphatidylinositol 3-OH-Kinase are Required for Insulin Signalling in the Hypothalamus	2010	Jun	A. Tups, G. M. Anderson, M. Rizwan, R. A. Augustine, C. Chaussade, P. R. Shepherd, D. R. Grattan	Journal of Neuroendocrinology	Volume 22, Issue 6	pages 534–542	the N-SH2 domain of p85 alpha						www.ncbi.nlm.nih.gov/pubmed/20236230
151	The receptor tyrosine kinase c-Kit controls IL-33 receptor signaling in mast cells	2010	May	Sebastian Drube, Sylvia Heink, Sabine Walter, Tobias Löhn, Mandy Grusser, Alexander Gerbaulet, Luciana Berod, Julia Schons, Anne Dudeck, Jenny Freitag, Stefan Grotha, Daniela Reich, Olga Rudeschko, Johannes Norgauer, Karin Hartmann, Axel Roers, and Thomas Kamradt	Blood	115	3899 - 3906	sc-Kit						www.ncbi.nlm.nih.gov/pubmed/20200353
152	The Actin-Bundling Protein Palladin Is an Akt1-Specific Substrate that Regulates Breast Cancer Cell Migration	2010	May	Y. Rebecca Chin, Alex Toker	Molecular Cell	Volume 38, Issue 3	333-344	SN30978						www.ncbi.nlm.nih.gov/pubmed/20471940
153	Tyrosine kinase Btk regulates E-selectin–mediated integrin activation and neutrophil recruitment by controlling phospholipase C (PLC) 2 and PI3K pathways	2010	Apr	Helena Mueller, Anika Stadtmann, Hugo Van Aken, Emilio Hirsch, Demin Wang, Klaus Ley, and Alexander Zarbock	Blood	115	3118 - 3127	IC87114						www.ncbi.nlm.nih.gov/pubmed/20167705
154	Inhibition profiles of phosphatidylinositol 3-kinase inhibitors against PI3K superfamily and human cancer cell line panel JFCR39	2010	Apr	Dexin Kong,Shingo Dan,Kanami Yamazaki,Takao Yamori.	European Journal of Cancer	Volume 46,Issue 6	Pages 1111-1121	BDC-0941						www.ncbi.nlm.nih.gov/pubmed/20129775
155	Lung adenocarcinoma cells floating in lymphatic vessels resist anoikis by expressing phosphorylated Src	2010	Apr	Yuji Sakuma, Tomoyo Takeuchi, Yoshiyasu Nakamura, Mitsuyo Yoshihara, Shoichi Matsukuma, Haruhiko Nakayama, Naoki Ohgane, Tomoyuki Yokose, Yoichi Kameda, Eiju Tsuchiya, Yohei Miyagi.	The Journal of Pathology	Volume 220, Issue 5	pages 574–585	bosutinib (SKI-606)						www.ncbi.nlm.nih.gov/pubmed/20146241
156	Inhibition of the PtdIns(5) kinase PIKfyve disrupts intracellular replication of Salmonella	2010	Apr	Markus C Kerr, Jack T H Wang, Natalie A Castro, Nicholas A Hamilton, Liam Town, Darren L Brown, Frederic A Meunier, Nat F Brown, Jennifer L Stow, and Rohan D Teasdale	EMBO J	29(8)	1331–1347	YM201636						www.ncbi.nlm.nih.gov/pubmed/20300065
157	RAF inhibitors prime wild-type RAF to activate the MAPK pathway and enhance growth	2010	Mar	Georgia Hatzivassiliou, Kyung Song, Ivana Yen, Barbara J. Brandhuber, Daniel J. Anderson, Ryan Alvarado, Mary J. C. Ludlam, David Stokoe, Susan L. Gloor, Guy Vigers, Tony Morales, Ignacio Aliagas, Bonnie Liu, Steve Sideris, Klaus P. Hoeflich, Bijay S. Jaiswal, Somasekar Seshagiri, Hartmut Koeppen, Marcia Belvin, Lori S. Friedman & Shiva Malek	Nature	Vol 464| 18 March 2010|	1038/nature08833	PLX4720						www.ncbi.nlm.nih.gov/pubmed/20130576
158	Functionally Significant Differences in Expression of Disease-Associated IL-7 Receptor Haplotypes in CD4 T Cells and Dendritic Cells	2010	Mar	Edwin Hoe, Fiona C. McKay, Stephen D. Schibeci, Kaushal Gandhi, Rob N. Heard, Graeme J. Stewart, and David R. Booth	J. Immunol	184	2512 - 2517	IL-7Ralpha-Ig, Apollo Biosciences						www.ncbi.nlm.nih.gov/pubmed/20097866

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159	Dissecting the Mechanism of Insulin Resistance Using a Novel Heterodimerization Strategy to Activate Akt	2010	Feb	Yvonne Ng, Georg Ramm, and David E. James	J. Biol. Chem	285	5232 - 5239	sheep antibody raised against pThr 642 AS160						www.ncbi.nlm.nih.gov/pubmed/20022950
160	ERp46 binds to AdipoR1, but not AdipoR2, and modulates adiponectin signaling	2010	Feb	Hayley K. Charltona, Julie Webstera, Sarah Krugera, Fiona Simpsona, Ayanthi A. Richardsa and Jonathan P. Whitehead	Biochemical and Biophysical Research Communications	Volume 392, Issue 2	Pages 234-239	Full-length adiponectin secreted from HEK293						www.ncbi.nlm.nih.gov/pubmed/20074551
161	Cluster Analysis of Insulin Action in Adipocytes Reveals a Key Role for Akt at the Plasma Membrane	2010	Jan	Yvonne Ng, Georg Ramm, James G. Burchfield, Adelle C. F. Coster, Jacqueline Stöckli, and David E. James	J. Biol. Chem	285	2245 - 2257	raised against Ser(P)-588 AS160	Thr(P)-642 AS160	Akt-i1/2 specific inhibitor				www.ncbi.nlm.nih.gov/pubmed/19897488
162	Kinetic Evidence for Unique Regulation of GLUT4 Trafficking by Insulin and AMP-activated Protein Kinase Activators in L6 Myotubes	2010	Jan	Daniel J. Fazakerley, Geoffrey D. Holman, Anna Marley, David E. James, Jacqueline Stöckli, and Adelle C. F. Coster.	Journal of Biological Chemistry	285	1653-1660	Akti						www.ncbi.nlm.nih.gov/pubmed/19915010
163	MEK1 mutations confer resistance to MEK and B-RAF inhibition	2009	Dec	Caroline M. Emery, Krishna G. Vijayendran, Marie C. Zipser, Allison M. Sawyer, Lili Niu, Jessica J. Kim, Charles Hatton, Rajiv Chopra, Patrick A. Oberholzer, Maria B. Karpova, Laura E. MacConaill, Jianming Zhang, Nathanael S. Gray, William R. Sellers, Reinhard Dummer, and Levi A.	PNAS	106	20411 - 20416	PLX4720						www.ncbi.nlm.nih.gov/pubmed/19915144
164	Activation of Wnt/β-Catenin Signaling Increases Insulin Sensitivity through a Reciprocal Regulation of Wnt10b and SREBP-1c in Skeletal Muscle Cells	2009	Dec	Mounira Abiola, Maryline Favier, Eleni Christodoulou-Vafeiadou, Anne-Lise Pichard, Isabelle Martelly, Isabeille Guillet-Deniau.	PLoS ONE	Volume 4 | Issue 12	e8509	P-AS160Ser588						www.ncbi.nlm.nih.gov/pubmed/20041157
165	Studies of Immune Biology of the Common Marmoset: Novel Non-Human Primate Transplant Model	2009	Dec	Dr. Shilpanjali Prasad, MBBS, FRACP PhD thesis	PhD thesis			4004D						http://digital.library.adelaide.edu.au/dspace/handle/2440/61317
166	Insulin resistance is a cellular antioxidant defense mechanism	2009	Oct	Kyle L. Hoehn, Adam B. Salmon, Cordula Hohnen-Behrens, Nigel Turner, Andrew J. Hoy, Ghassan J. Maghzal, Roland Stocker, Holly Van Remmen, Edward W. Kraegen, Greg J. Cooney, Arlan R. Richardson, and David E. James	PNAS	106	17787 - 17792	pT642-AS160						www.ncbi.nlm.nih.gov/pubmed/19805130
167	Identification of a Distal GLUT4 Trafficking Event Controlled by Actin Polymerization	2009	Sep	Jamie A. Lopez, James G. Burchfield, Duncan H. Blair, Katarina Mele, Yvonne Ng, Pascal Vallotton, David E. James, and William E. Hughes	Mol. Biol. Cell.	20	3918-3929	anti-pTBC1D4(T642)	Akt inhibitor Akti-1/2 (SN30978)					www.ncbi.nlm.nih.gov/pubmed/19605560
168	Possible Mechanism of CCL2-induced Akt Activation in Prostate Cancer Cells	2009	Aug	Kosuke Mizutani, Hernan Roca, Zachary Varsos, And Kenneth J. Pienta	Anticancer Res	29	3109 - 3113 abstract	CCL2, APOLLO Cytokine Research						www.ncbi.nlm.nih.gov/pubmed/19661323
169	Possible Mechanism of CCL2-induced Akt Activation in Prostate Cancer Cells	2009	Aug	Mizutani K, Roca H, Varsos Z, Pienta KJ	Anticancer Res	29(8)	3109-3113	1004D						www.ncbi.nlm.nih.gov/pubmed/19661323
170	Lipid and insulin infusion-induced skeletal muscle insulin resistance is likely due to metabolic feedback and not changes in IRS-1, Akt, or AS160 phosphorylation	2009	Jul	Andrew J. Hoy, Amanda E. Brandon, Nigel Turner, Matthew J. Watt, Clinton R. Bruce, Gregory J. Cooney, and Edward W. Kraegen	Am J Physiol Endocrinol Metab	297	E67 - E75	Anti-phospho-Thr642 AS160						www.ncbi.nlm.nih.gov/pubmed/19366875
171	YM201636, an inhibitor of retroviral budding and PIKfyve-catalyzed PtdIns(3,5)P2 synthesis, halts glucose entry by insulin in adipocytes	2009	May	ian C. Ikonomova, Diego Sbrissaa and Assia Shisheva	Biochemical and Biophysical Research Communications	Volume 382, Issue 3,	Pages 566-570	YM201636	PIK-75	TGX-221	IC87114			www.ncbi.nlm.nih.gov/pubmed/19289105

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172	APPL1 Potentiates Insulin-Mediated Inhibition of Hepatic Glucose Production and Alleviates Diabetes via Akt Activation in Mice	2009	May	Kenneth K.Y. Cheng, Miguel A. Iglesias, Karen S.L. Lam, Yu Wang, Gary Sweeney, Weidong Zhu, Paul M. Vanhoutte, Edward W. Kraegen, and Aimin Xu	Cell Metabolism	Volume 9, Issue 5	417-427	anti-Akt2 IgG						www.ncbi.nlm.nih.gov/pubmed/19416712
173	Effect of CCL2 on survival of breast cancer MDA-MB-231 cells via inhibition of apoptosis	2009	May	A. S. Alva, Z. Varsos, H. Roca, and K. Pienta	ASCO Meeting Abstracts	May 2009; 27	e22176	CCL2	IL-6, Apollo Cytokine Research					http://www.asco.org/ASCOv2/Meetings/Abstracts?&vmview=abst_detail_view&confID=65&abstractID=35624
174	Functional differences between two classes of oncogenic mutation in the PIK3CA gene	2009	Apr	Claire Chaussadea, c, 1, Kitty Choa, Claire Mawsonb, Gordon W. Rewcastleb, c and Peter R. Shepherd	Biochemical and Biophysical Research Communications	Volume 381, Issue 4	Pages 577-581	PIK-75	PI-103	polyclonal antibodies to p85				www.ncbi.nlm.nih.gov/pubmed/19233141
175	Reduced phosphorylation of AS160 contributes to glucocorticoid-mediated inhibition of glucose uptake in human and murine adipocytes	2009	Apr	Sherry Ngo, Janelle B. Barry, Janelle C. Nisbet, Johannes B. Prins,and Jonathan R. Whitehead	Molecular and Cellular Endocrinology	Volume 302, Issue 1	Pages 33-40	Anti-phospho-AS160-T642						www.ncbi.nlm.nih.gov/pubmed/19013499
176	Adiponectin Haploinsufficiency Promotes Mammary Tumor Development in MMTV-PyVT Mice by Modulation of Phosphatase and Tensin Homolog Activities	2009	Mar	JB Lam, K.M. Chow, A.Xu,, Karen Lam, Jing Liu, Nai-Sum Wong, Randall Moon, P. Shepherd, Garth Cooper, Yu Wang.	PloS One	Epub	e4968	…sheep anti-beta-catenin (3024C	Akt-1/2 inhibitor	PI3K p110alpha inhibitor	PIK-75	PI3K p110beta inhibitor TGX221	PI3K p110delta inhibitor IC871	www.ncbi.nlm.nih.gov/pubmed/19319191
177	Investigating the role of class-IA PI 3-kinase isoforms in adipocyte differentiation	2009	Feb	Ji Eun Kima, Peter R. Shepherd, a, and Claire Chaussade	Biochemical and Biophysical Research Communications	Volume 379, Issue 4	Pages 830-834	The β-catenin antibody (3024-C						www.ncbi.nlm.nih.gov/pubmed/19114029
178	Introductory glycosylation analysis using SDS-PAGE and peptide mass fingerprinting	2009	Jan	Wilson N, Simpson R, Cooper-Liddell C	Methods Mol. Biol.	534	205-12	multiple HCX glycosylated proteins						www.ncbi.nlm.nih.gov/pubmed/19277550
179	Regulation of Glucose Transporter 4 Translocation by the Rab Guanosine Triphosphatase-Activating Protein AS160/TBC1D4: Role of Phosphorylation and Membrane Association	2008	Dec	Jacqueline Stöckli, Jonathan R. Davey, Cordula Hohnen-Behrens, Aimin Xu, David E. James, and Georg Ramm	Mol. Endocrinol.,	22	2703 - 2715	phospho-Ser588	phospho-Thr642					www.ncbi.nlm.nih.gov/pubmed/18801932
180	Tyrosine Phosphorylation Profiling Reveals the Signaling Network Characteristics of Basal Breast Cancer Cells	2008	Dec	Falko Hochgräfe, Luxi Zhang, Sandra A. O'Toole, Brigid C. Browne, Mark Pinese, Ana Porta Cubas, Gillian M. Lehrbach, David R. Croucher, Danny Rickwood, Alice Boulghourjian, Robert Shearer, Radhika Nair, Alexander Swarbrick, Dana Faratian, Peter Mullen, David J. Harrison, Andrew V. Biankin, Robert L. Sutherland, Mark J. Raftery, and Roger J. Daly	Cancer Res.	70	9391 - 9401	PF-562271						www.ncbi.nlm.nih.gov/pubmed/20861192
181	Regulation of Glucose Transporter 4 Translocation by the Rab Guanosine Triphosphatase-Activating Protein AS160/TBC1D4: Role of Phosphorylation and Membrane Association	2008	Dec	Jacqueline Stöckli, Jonathan R. Davey, Cordula Hohnen-Behrens, Aimin Xu, David E. James and Georg Ramm	Molecular Endocrinology	vol. 22 no. 12	2703-2715	phospho- Ser588 and phospho-Thr642						www.ncbi.nlm.nih.gov/pubmed/18801932
182	Glucose induces an autocrine activation of the Wnt/β-catenin pathway in macrophage cell lines	2008	Dec	Anagnostou SH, Shepherd PR.	Biochem. J	416(2)	211-218	3024-DP						www.ncbi.nlm.nih.gov/pubmed/18823284
183	Increased plasma urotensin-II levels are associated with diabetic retinopathy and carotid atherosclerosis in Type 2 diabetes	2008	Dec	Suguro T, Watanabe T, Kodate S, Xu G, Hirano T, Adachi M, Miyazaki A.	Clin Sci (Lond).	115	327–334	3075H						www.ncbi.nlm.nih.gov/pubmed/18338983

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184	Human epidermal growth factor receptor (HER-1:HER-3) Fc-mediated heterodimer has broad antiproliferative activity in vitro and in human tumor xenografts	2008	Oct	Jay Sarup, Pei Jin, Lisa Turin, Xiaomei Bai, Malgorzata Beryt, Cathleen Brdlik, Jeffrey N. Higaki, Brett Jorgensen, Francis W. Lau, Peter Lindley, Jim Liu, Irene Ni, James Rozzelle, Rajendra Kumari, Susan A. Watson, Juan Zhang, and H. Michael Shepard	Mol. Cancer Ther.	7	3223 - 3236. Abstract	amphiregulin, Apollo Cytokine Research						www.ncbi.nlm.nih.gov/pubmed/18852126
185	CCL2 Protects Prostate Cancer PC3 Cells from Autophagic Death via Phosphatidylinositol 3-Kinase/AKT-dependent Survivin Up-regulation	2008	Sep	Hernan Roca, Zachary Varsos, and Kenneth J. Pienta	J. Biol. Chem	283	25057 - 25073. Abstract	CCL2 chemokine (Apollo Cytokine Research)						www.ncbi.nlm.nih.gov/sites/entrez?itool...18611860...
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