

Technical restrictions during the research:
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Wednesday, January 24, 2018 at 3:58:54 PM GMT+01:00

Results for PMID: 11932745 Naturally secreted oligomers of amyloid beta protein potentially inhibit hippocampal long-term potentiation in vivo. 2002

Relevance	PMID	Info
0.99	19671883	<p>Begacestat (GSI-953): a novel, selective thiophene sulfonamide inhibitor of amyloid precursor protein gamma-secretase for the treatment of Alzheimer's disease., 2009</p> <p>Martone, Robert L,Zhou, Hua,Atchison, Kevin,Comery, Thomas,Xu, Jane Z,Huang, Xinyi,Gong, Xioahai,Jin, Mei,Kreft, Anthony,Harrison, Boyd,Mayer, Scott C,Aschmies, Suzan,Gonzales, Cathleen,Zaleska, Margaret M,Riddell, David R,Wagner, Erik,Lu, Peimin,Sun, Shaiu-Ching,Sonnenberg-Reines, June,Oganesian, Aram,Adkins, Karissa,Leach, Michael W,Clarke, David W,Huryn, Donna,Abou-Gharbia, Magid,Magolda, Ronald,Bard, Jonathan,Frick, Glen,Raje, Sangeeta,Forlow, S Bradley,Balliet, Carrie,Burczynski, Michael E,Reinhart, Peter H,Wan, Hong I,Pangalos, Menelas N,Jacobsen, J Steven</p>
0.98	19809865	<p>Cell-derived soluble oligomers of human amyloid-beta peptides disturb cellular homeostasis and induce apoptosis in primary hippocampal neurons., 2009</p> <p>Yang, Ting-Ting,Hsu, Chao-Tien,Kuo, Yu-Min</p>
0.97	12663096	<p>NMDA receptor regulation by amyloid-beta does not account for its inhibition of LTP in rat hippocampus., 2003</p> <p>Raymond, Clarke R,Ireland, David R,Abraham, Wickliffe C</p>
0.96	16135089	<p>Globular amyloid beta-peptide oligomer - a homogenous and stable neuropathological protein in Alzheimer's disease., 2005</p> <p>Barghorn, Stefan,Nimmrich, Volker,Striebing, Andreas,Krantz, Carsten,Keller, Patrick,Janson, Bodo,Bahr, Michael,Schmidt, Martin,Bitner, Robert S,Harlan, John,Barlow, Eve,Ebert, Ulrich,Hillen, Heinz</p>

Relevance	PMID	Info
0.95	17692997	<p>Insulin rescues amyloid beta-induced impairment of hippocampal long-term potentiation., 2009</p> <p>Lee, Cheng-Che,Kuo, Yu-Min,Huang, Chiung-Chun,Hsu, Kuei-Sen</p>
0.94	19515926	<p>Role of amyloid-beta glycine 33 in oligomerization, toxicity, and neuronal plasticity., 2009</p> <p>Harmeier, Anja,Wozny, Christian,Rost, Benjamin R,Munter, Lisa-Marie,Hua, Haiqing,Georgiev, Oleg,Beyermann, Michael,Hildebrand, Peter W,Weise, Christoph,Schaffner, Walter,Schmitz, Dietmar,Multhaup, Gerd</p>
0.93	17855343	<p>Soluble Abeta inhibits specific signal transduction cascades common to the insulin receptor pathway., 2007</p> <p>Townsend, Matthew,Mehta, Tapan,Selkoe, Dennis J</p>
0.92	17413011	<p>Alzheimer amyloid beta-peptide A-beta25-35 blocks adenylate cyclase-mediated forms of hippocampal long-term potentiation., 2007</p> <p>Bisel, Blaine E,Henkins, Kristen M,Parfitt, Karen D</p>
0.91	16042545	<p>Synaptic plasticity disruption by amyloid beta protein: modulation by potential Alzheimer's disease modifying therapies., 2005</p> <p>Rowan, M J,Klyubin, I,Wang, Q,Anwyl, R</p>
0.9	16154266	<p>Mechanism of impairment of long-term potentiation by amyloid beta is independent of NMDA receptors or voltage-dependent calcium channels in hippocampal CA1 pyramidal neurons., 2005</p> <p>Nomura, Izumi,Kato, Nobuo,Kita, Toru,Takechi, Hajime</p>
0.89	15240796	<p>Beta-amyloid-mediated inhibition of NMDA receptor-dependent long-term potentiation induction involves activation of microglia and stimulation of inducible nitric oxide synthase and superoxide., 2004</p>

Relevance	PMID	Info
0.88	17956317	Synaptic memory mechanisms: Alzheimer's disease amyloid beta-peptide-induced dysfunction., 2007 Rowan, M J,Klyubin, I,Wang, Q,Hu, N W,Anwyl, R
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0.86	12421354	beta-Amyloid peptide induces formation of actin stress fibers through p38 mitogen-activated protein kinase., 2002 Song, Cheng,Perides, George,Wang, Dechun,Liu, Ya Fang
0.85	11991763	Alzheimer amyloid beta-peptide inhibits the late phase of long-term potentiation through calcineurin-dependent mechanisms in the hippocampal dentate gyrus., 2002 Chen, Qi-Sheng,Wei, Wei-Zheng,Shimahara, Takeshi,Xie, Cui-Wei
0.84	15537891	Synaptic targeting by Alzheimer's-related amyloid beta oligomers., 2004 Lacor, Pascale N,Buniel, Maria C,Chang, Lei,Fernandez, Sara J,Gong, Yuesong,Viola, Kirsten L,Lambert, Mary P,Velasco, Pauline T,Bigio, Eileen H,Finch, Caleb E,Krafft, Grant A,Klein, William L
0.83	12738769	Activation of the c-Jun N-terminal kinase signaling cascade mediates the effect of amyloid-beta on long term potentiation and cell death in hippocampus: a role for interleukin-1beta?, 2003 Minogue, Aedin M,Schmid, Adrian W,Fogarty, Marie P,Moore, Alison C,Campbell, Veronica A,Herron, Caroline E,Lynch, Marina A