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reinnervation. *Sci. Rep.* 8:5047. doi: 10.1038/s41598-018-23454-8 PubMed Abstract | CrossRef Full Text | Google Scholar Nykjaer, A., Lee, R., Teng, K. K., Jansen, P., Madsen, F., Nielsen, M. S., et al. (2004). Sortilin is essential for proNGF-induced neuronal cell death. *Nature* 427, 843–849. doi: 10.1038/nature02319 PubMed Abstract | CrossRef Full Text | Google Scholar Pan, D., and Rubin, G. M. (1997). Kuzbanian controls proteolytic processing of Notch and mediates lateral inhibition during *Drosophila* and vertebrate neurogenesis. *Cell* 90, 271–280. doi: 10.1016/s0092-8674(00)80335-9 PubMed Abstract | CrossRef Full Text | Google Scholar Pathak, A., Stanley, E. M., Hickman, F. E., Wallace, N., Brewer, B. I., D., et al. (2018). Retrograde degenerative signaling mediated by the p75 neurotrophin receptor requires p150(Glued) deacetylation by axonal HDAC1. *Dev. Cell* 46, 376.e7–387.e7. doi: 10.1016/j.devcel.2018.07.001 PubMed Abstract | CrossRef Full Text | Google Scholar Pereira, J. A., Lebrun-Julien, F., and Suter, U. (2012). Molecular mechanisms regulating myelination in the peripheral nervous system. *Trends Neurosci.* 35, 123–134. doi: 10.1016/j.tins.2011.11.006 PubMed Abstract | CrossRef Full Text | Google Scholar Perry, V. H., Tsao, J. W., Fearn, S., and Brown, M. C. (1995). Radiation-induced reductions in macrophage recruitment have only slight effects on myelin degeneration in sectioned peripheral nerves of mice. *Eur. J. Neurosci.* 7, 271–280. doi: 10.1111/j.1460-9568.1995.tb01063.x PubMed Abstract | CrossRef Full Text | Google Scholar Petratos, S., Butzkueven, H., Shipham, K., Cooper, H., Bucci, T., Reid, K., et al. (2003). Schwann cell apoptosis in the postnatal axotomized sciatic nerve is mediated via NGF through the low-affinity neurotrophin receptor. *J. Neuropathol. Exp. Neurol.* 62, 398–411. doi: 10.1093/jnen/62.4.398 PubMed Abstract | CrossRef Full Text | Google Scholar Platt, C. L., Krekoski, C. A., Ward, R. V., Edwards, D. R., and Gavrilovic, J. (2003). Extracellular matrix and matrix metalloproteinases in sciatic nerve. *J. Neurosci. Res.* 74, 417–429. doi: 10.1002/jnr.10783 PubMed Abstract | CrossRef Full Text | Google Scholar Previtali, S. C., Malaguti, M. C., Riva, N., Scarlato, M., Dacci, P., Dina, G., et al. (2008). The extracellular matrix affects axonal regeneration in peripheral neuropathies. *Neurology* 71, 322–331. doi: 10.1212/01.wnl.0000319736.43628.04 PubMed Abstract | CrossRef Full Text | Google Scholar Rivellini, C., Dina, G., Porrello, E., Cerrri, F., Scarlato, M., Domi, T., et al. (2012). Urokinase plasminogen receptor and the fibrinolytic complex play a role in human neuropathies. *PLoS One* 7:e32059. doi: 10.1371/journal.pone.0032059 PubMed Abstract | CrossRef Full Text | Google Scholar Roberts, S. L., Anderson, J., Bassi, G., Bienkowski, M. J., Branstetter, D. G., Chen, K. S., et al. (2001). BACE knockout mice are healthy despite lacking the primary β -secretase activity in brain: implications for Alzheimer's disease therapeutics. *Hum. Mol. Genet.* 10, 1317–1324. doi: 10.1093/hmg/10.12.1317 PubMed Abstract | CrossRef Full Text | Google Scholar Roberts, S. L., Dun, X. P., Doddrell, R. D. S., Mindos, T., Drake, L. K., Onaitis, M. W., et al. (2017). Sox2 expression in Schwann cells inhibits myelination *in vivo* and induces influx of macrophages to the nerve. *Development* 144, 3114–3125. doi: 10.1242/dev.150656 PubMed Abstract | CrossRef Full Text | Google Scholar Sachs, B. D., Baillie, G. S., McCall, J. R., Passino, M. A., Schachtrup, C., Wallace, D. A., et al. (2007). p75 neurotrophin receptor regulates tissue fibrosis through inhibition of plasminogen activation via a PDE4/cAMP/PKA pathway. *J. Cell Biol.* 177, 1119–1132. doi: 10.1083/jcb.200701040 PubMed Abstract | CrossRef Full Text | Google Scholar Sachse, C. C., Kim, Y. H., Agsten, M., Huth, T., Alzheimer, C., Kovacs, D. M., et al. (2013). BACE1 and presenilin/γ-secretase regulate proteolytic processing of KCNE1 and 2, auxiliary subunits of voltage-gated potassium channels. *FASEB J.* 27, 2458–2467. doi: 10.1096/fj.12-214056 PubMed Abstract | CrossRef Full Text | Google Scholar Saika, T., Senba, E., Noguchi, K., Sato, M., Yoshida, S., Kubo, T., et al. (1991). Effects of nerve crush and transection on mRNA levels for nerve growth factor receptor in the rat facial motoneurons. *Mol. Brain Res.* 9, 157–160. doi: 10.1016/0169-328x(91)90142-k PubMed Abstract | CrossRef Full Text | Google Scholar Saksela, O., and Rifkin, D. B. (1990). Release of basic fibroblast growth factor-heparan sulfate complexes from endothelial cells by plasminogen activator-mediated proteolytic activity. *J. Cell Biol.* 110, 767–775. doi: 10.1083/jcb.110.3.767 PubMed Abstract | CrossRef Full Text | Google Scholar Savonenko, A. V., Melnikova, T., Laird, F. M., Stewart, K. A., Price, D. L., and Wong, P. C. (2008). Alteration of BACE1-dependent NRG1/ErbB4 signaling and schizophrenia-like phenotypes in BACE1-null mice. *Proc. Natl. Acad. Sci. U S A* 105, 5385–5390. doi: 10.1073/pnas.0710373105 PubMed Abstract | CrossRef Full Text | Google Scholar Scapin, C., Ferri, C., Pettinato, E., Zamboni, D., Bianchi, F., Del Carro, U., et al. (2018). Enhanced axonal neurotrophin receptor signaling ameliorates neurophysiology and hypomyelination in a charcot-marie-tooth type 1B mouse model. *Hum. Mol. Genet.* doi: 10.1093/hmg/ddy411 [Epub ahead of print]. PubMed Abstract | CrossRef Full Text | Google Scholar Schlöndorff, J., and Blobel, C. P. (1999). Metalloprotease-disintegrins: modular proteins capable of promoting cell-cell interactions and triggering signals by protein-ectodomain shedding. *J. Cell Sci.* 112, 3603–3617. PubMed Abstract | Google Scholar Seeds, N. W., Verrall, S., Friedman, G., Hayden, S., Gadotti, D., Haffke, S., et al. (1992). Plasminogen activators and plasminogen activator inhibitors in neural development. *Ann. N Y Acad. Sci.* 667, 32–40. doi: 10.1111/j.1749-6632.1992.tb151592.x PubMed Abstract | CrossRef Full Text | Google Scholar Shamash, S., Reichert, F., and Rotshenker, S. (2002). The cytokine network of Wallerian degeneration: tumor necrosis factor- α , interleukin-1 α , and interleukin-1 β . *J. Neurosci.* 22, 3052–3060. doi: 10.1523/JNEUROSCI.22-08-03052.2002 PubMed Abstract | CrossRef Full Text | Google Scholar Shirakabe, K., Wakatsuki, S., Kurisaki, T., and Fujisawa-Sehara, A. (2001). Roles of Meltrin β /ADAM19 in the processing of neurotrophin. *J. Biol. Chem.* 276, 9352–9358. doi: 10.1074/jbc.m007913200 PubMed Abstract | CrossRef Full Text | Google Scholar Shubayev, V. I., Angert, M., Dolkas, J., Campana, W. M., Palenscar, K., and Myers, R. R. (2006). TNF α -induced MMP-9 promotes macrophage recruitment into injured peripheral nerve. *Mol. Cell. Neurosci.* 31, 407–415. doi: 10.1016/j.mcn.2005.10.011 PubMed Abstract | CrossRef Full Text | Google Scholar Shubayev, V. I., and Myers, R. R. (2000). Upregulation and interaction of TNF α and gelatinases A and B in painful peripheral nerve injury. *Brain Res.* 855, 83–89. doi: 10.1016/s0006-8993(99)02321-5 PubMed Abstract | CrossRef Full Text | Google Scholar Siconolfi, L. B., and Seeds, N. W. (2001a). Induction of the plasminogen activator system accompanies peripheral nerve regeneration after sciatic nerve crush. *J. Neurosci.* 21, 4336–4347. doi: 10.1523/JNEUROSCI.21-12-04336.2001 PubMed Abstract | CrossRef Full Text | Google Scholar Siconolfi, L. B., and Seeds, N. W. (2001b). Mice lacking uPA, tPA, or plasminogen genes showed delayed functional recovery after sciatic nerve crush. *J. Neurosci.* 21, 4348–4355. doi: 10.1523/JNEUROSCI.21-12-04348.2001 PubMed Abstract | CrossRef Full Text | Google Scholar Siebert, H., Dippel, N., Mader, M., Weber, F., and Brück, W. (2001). Matrix metalloproteinase expression and inhibition after sciatic nerve axotomy. *J. Neuropathol. Exp. Neurol.* 60, 85–93. doi: 10.1093/jnen/60.1.85 PubMed Abstract | CrossRef Full Text | Google Scholar Smirnova, I. V., Ma, J. Y., Citron, B. A., Ratzlaff, K. T., Gregory, E. J., Akaaboune, M., et al. (1996). Neural thrombin and protease nexin I kinetics after murine peripheral nerve injury. *J. Neurochem.* 67, 2188–2199. doi: 10.1046/j.1471-4159.1996.67052188.x PubMed Abstract | CrossRef Full Text | Google Scholar Song, X. Y., Zhou, F. H., Wu, L. L., and Zhou, X. F. (2006). Knockout of p75(NTR) impairs re-myelination of injured sciatic nerve in mice. *J. Neurochem.* 96, 833–842. doi: 10.1111/j.1471-4159.2005.03564.x PubMed Abstract | CrossRef Full Text | Google Scholar Stassart, R. M., Fledrich, R., Velanac, V., Brinkmann, B. G., Schwab, M. H., Meijer, D., et al. (2013). A role for Schwann cell-derived neurotrophin-1 in remyelination. *Nat. Neurosci.* 16, 48–54. doi: 10.1038/nn.3281 PubMed Abstract | CrossRef Full Text | Google Scholar Stassart, R. M., Möbius, W., Nave, K. A., and Edgar, J. M. (2018). The axon-myelin unit in development and degenerative disease. *Front. Neurosci.* 12:467. doi: 10.3389/fnins.2018.00467 PubMed Abstract | CrossRef Full Text | Google Scholar Stoll, G., Jander, S., and Myers, R. R. (2002). Degeneration and regeneration of the peripheral nervous system: from augustus waller's observations to neuroinflammation. *J. Peripher. Nerv. Syst.* 7, 13–27. doi: 10.1046/j.1529-8027.2002.02002.x PubMed Abstract | CrossRef Full Text | Google Scholar Struhl, G., and Adachi, A. (2000). Requirements for presenilin-dependent cleavage of notch and other transmembrane proteins. *Mol. Cell* 6, 625–636. doi: 10.1016/s1097-2765(00)00661-7 PubMed Abstract | CrossRef Full Text | Google Scholar Sumi, Y., Dent, M. A., Owen, D. E., Seeley, P. J., and Morris, R. J. (1992). The expression of tissue and urokinase-type plasminogen activators in neural development suggests different modes of proteolytic involvement in neuronal growth. *Development* 116, 625–637. PubMed Abstract | Google Scholar Syroid, D. E., Maycox, P. J., Solilu-Hanninen, M., Petratos, S., Bucci, T., Burrola, P., et al. (2000). Induction of postnatal schwann cell death by the low-affinity neurotrophin receptor *in vitro* and after axotomy. *J. Neurosci.* 20, 5741–5747. doi: 10.1523/JNEUROSCI.20-15-05741.2000 PubMed Abstract | CrossRef Full Text | Google Scholar Tajdaran, K., Chan, K., Gordon, T., and Borschel, G. H. (2018). Matrices, scaffolds, and carriers for protein and molecule delivery in peripheral nerve regeneration. *Exp. Neurol.* doi: 10.1016/j.expneurol.2018.08.014 [Epub ahead of print]. PubMed Abstract | CrossRef Full Text | Google Scholar Tallon, C., Rockenstein, E., Masliah, E., and Farah, M. H. (2017). Increased BACE1 activity inhibits peripheral nerve regeneration after injury. *Neurobiol. Dis.* 106, 147–157. doi: 10.1016/j.nbd.2017.07.003 PubMed Abstract | CrossRef Full Text | Google Scholar Taveggia, C., Zanazzi, G., Petrylak, A., Yano, H., Rosenbluth, J., Einheber, S., et al. (2005). Neurotrophin-1 type III determines the ensheathment fate of axons. *Neuron* 47, 681–694. doi: 10.1016/j.neuron.2005.08.017 PubMed Abstract | CrossRef Full Text | Google Scholar Thiebaut, A. M., Gauberti, M., Ali, C., Martinez De Lizarondo, S., Vivien, D., Yepes, M., et al. (2018). The role of plasminogen activators in stroke treatment: fibrinolysis and beyond. *Lancet Neurol.* 17, 1121–1132. doi: 10.1016/S1474-4422(18)30323-5 PubMed Abstract | CrossRef Full Text | Google Scholar Tofaris, G. K., Patterson, P. H., Jessen, K. R., and Mirsky, R. (2002). Denervated Schwann cells attract macrophages by secretion of leukemia inhibitory factor (LIF) and monocyte chemoattractant protein-1 in a process regulated by interleukin-6 and LIF. *J. Neurosci.* 22, 6696–6703. doi: 10.1523/JNEUROSCI.22-15-06696.2002 PubMed Abstract | CrossRef Full Text | Google Scholar Tomita, K., Kubo, T., Matsuda, K., Fujiwara, T., Yano, K., Winograd, J. M., et al. (2007). The neurotrophin receptor p75NTR in Schwann cells is implicated in remyelination and motor recovery after peripheral nerve injury. *Glia* 55, 1199–1208. doi: 10.1002/glia.20533 PubMed Abstract | CrossRef Full Text | Google Scholar Trimarco, A., Forese, M. G., Alfieri, V., Lucente, A., Brambilla, P., Dina, G., et al. (2014). Prostaglandin D2 synthase/GPR44: a signaling axis in PNS myelination. *Nat. Neurosci.* 17, 1682–1692. doi: 10.1038/nn.3857 PubMed Abstract | CrossRef Full Text | Google Scholar van Tetering, G., van Diest, P., Verlaan, L., van der Wall, E., Kopan, R., and Vooijs, M. (2009). Metalloprotease ADAM10 is required for Notch1 site 2 cleavage. *J. Biol. Chem.* 284, 31018–31027. doi: 10.1074/jbc.M109.006775 PubMed Abstract | CrossRef Full Text | Google Scholar Vassar, R., Bennett, B. D., Babu-Khan, S., Kahn, S., Mendiaz, E. A., Denis, P., et al. (1999). β -secretase cleavage of Alzheimer's amyloid precursor protein by the transmembrane aspartic protease BACE. *Science* 286, 735–741. doi: 10.1126/science.286.5440.735 PubMed Abstract | CrossRef Full Text | Google Scholar Velanac, V., Unterbarnscheidt, T., Hinrichs, W., Gummert, M. N., Fischer, T. M., Rossner, M. J., et al. (2012). Bace1 processing of NRG1 type III produces a myelin-inducing signal but is not essential for the stimulation of myelination. *Glia* 60, 203–217. doi: 10.1002/glia.21255 PubMed Abstract | CrossRef Full Text | Google Scholar Wakatsuki, S., Komatsu, K., Araki, T., and Sehara-Fujisawa, A. (2009). Roles of meltrin- β /ADAM19 in progression of Schwann cell differentiation and myelination during sciatic nerve regeneration. *J. Biol. Chem.* 284, 2957–2966. doi: 10.1074/jbc.m803191200 PubMed Abstract | CrossRef Full Text | Google Scholar Waller, V. A., and Owen, R. (1850). Experiments on the section of the glossopharyngeal and hypoglossal nerves of the frog and observations of the alterations produced thereby in the structure of their primitive fibres. *Philos. Trans. R. Soc. Lond.* 140, 423–429. doi: 10.1098/rstl.1850.0021 CrossRef Full Text | Google Scholar Wang, K. C., Kim, J. A., Sivasankaran, R., Segal, R., and He, Z. (2002). P75 interacts with the Nogo receptor as a co-receptor for Nogo, MAG and OMgp. *Nature* 420, 74–78. doi: 10.1038/nature01176 PubMed Abstract | CrossRef Full Text | Google Scholar Wang, X., Miao, Y., Ni, J., Wang, Y., Qian, T., Yu, J., et al. (2018). Peripheral nerve injury induces dynamic changes of tight junction components. *Front. Physiol.* 9:1519. doi: 10.3389/fphys.2018.01519 PubMed Abstract | CrossRef Full Text | Google Scholar Weskamp, G., Schlöndorff, J., Lum, L., Becherer, J. D., Kim, T. W., Saftig, P., et al. (2004). Evidence for a critical role of the tumor necrosis factor α convertase (TACE) in ectodomain shedding of the p75 neurotrophin receptor (p75NTR). *J. Biol. Chem.* 279, 4241–4249. doi: 10.1074/jbc.M307974200 PubMed Abstract | CrossRef Full Text | Google Scholar Willem, M., Garratt, A. N., Novak, B., Citron, M., Kaufmann, S., Rittger, A., et al. (2006). Control of peripheral nerve myelination by the β -secretase BACE1. *Science* 314, 664–666. doi: 10.1126/science.1132341 PubMed Abstract | CrossRef Full Text | Google Scholar Wolfe, M. S., De Los Angeles, J., Miller, D. D., Xia, W., and Selkoe, D. J. (1999). Are presenilins intramembrane-cleaving proteases? Implications for the molecular mechanism of Alzheimer's disease. *Biochemistry* 38, 11223–11230. doi: 10.1021/b991080q PubMed Abstract | CrossRef Full Text | Google Scholar Wong, S. T., Henley, K. C., Huang, K. H., Bothwell, M., and Poo, M. M. (2002). A p75(NTR) and Nogo receptor complex mediates repulsive signaling by myelin-associated glycoprotein. *Nat. Neurosci.* 5, 1302–1308. doi: 10.1038/nn975 PubMed Abstract | CrossRef Full Text | Google Scholar Wong, H. K., Sakurai, T., Oyama, F., Kaneko, K., Wada, K., Miyazaki, H., et al. (2005). β Subunits of voltage-gated sodium channels are novel substrates of β -site amyloid precursor protein-cleaving enzyme (BACE1) and γ -secretase. *J. Biol. Chem.* 280, 23009–23017. doi: 10.1074/jbc.m414648200 PubMed Abstract | CrossRef Full Text | Google Scholar Woodhoo, A., Alonso, M. B., Droogiti, A., Turmaine, M., D'Antonio, M., Parkinson, D. B., et al. (2009). Notch controls embryonic Schwann cell differentiation, postnatal myelination and adult plasticity. *Nat. Neurosci.* 12, 839–847. doi: 10.1038/nn.2323 PubMed Abstract | CrossRef Full Text | Google Scholar Yan, R., Bienkowski, M. J., Shuck, M. E., Miao, H., Tory, M. C., Faulay, A. M., et al. (1999). Membrane-anchored aspartyl protease with Alzheimer's disease β -secretase activity. *Nature* 402, 533–537. doi: 10.1039/990107 PubMed Abstract | CrossRef Full Text | Google Scholar Zampieri, N., Xu, C. F., Neubert, T. A., and Chao, M. V. (2005). Cleavage of p75 neurotrophin receptor by α -secretase and γ -secretase requires specific receptor domains. *J. Biol. Chem.* 280, 14563–14571. doi: 10.1074/jbc.M412957200 PubMed Abstract | CrossRef Full Text | Google Scholar Zhou, L., Barão, S., Laga, M., Bockstaal, K., Borgers, M., Gijzen, H., et al. (2012). The neural cell adhesion molecules L1 and CHL1 are cleaved by BACE1 protease *in vivo*. *J. Biol. Chem.* 287, 25927–25940. doi: 10.1074/jbc.M112.377465 PubMed Abstract | CrossRef Full Text | Google Scholar Zou, T., Ling, C., Xiao, Y., Tao, X., Ma, D., Chen, Z. L., et al. (2006). Exogenous tissue plasminogen activator enhances peripheral nerve regeneration and functional recovery after injury in mice. *J. Neuropathol. Exp. Neurol.* 65, 78–86. doi: 10.1097/01.jnen.0000195942.25163.f5 PubMed Abstract | CrossRef Full Text | Google Scholar Keywords: wallerian degeneration, remyelination, secretases, matrix metalloproteinases, fibrinolysis Citation: Pellegatta M and Taveggia C (2019) The Complex Work of Proteases and Secretases in Wallerian Degeneration: Beyond Neurotrophin-1. *Front. Cell. Neurosci.* 13:93. doi: 10.3389/fncel.2019.00093 Received: 24 October 2018; Accepted: 26 February 2019; Published: 20 March 2019. Edited by: Giovanna Gambarotta, University of Turin, Italy Copyright © 2019 Pellegatta and Taveggia. 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