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Laukens, B, Jacobs, PP, Geysens, K, Martins, J, De Wachter, C, Ameloot, P, Morelle, W, Haustraete, J, Renauld, JC, Samyn, B, Contreras, R, Devos, S, Callewaert, N.

**Off-target glycans encountered along the synthetic biology route towards humanized N-glycans in *Pichia pastoris***

**Biotechnol Bioeng** 117, 2479-2488, 2020. (Epub 2020 May 6)



Holgado, A, Braun, H, Van Nuffel, E, Detry, S, Schuijs, MJ, Deswarte, K, Vergote, K, Haegman, M, Baudalet, G, Haustraete, J, Hammad, H, Lambrecht, BN, Savvides, SN, Afonina, IS, Beyaert, R.

**IL-33trap is a novel IL-33 neutralizing biologic that inhibits allergic airway inflammation**

**J Allergy Clin Immunol** 144, 204-215, 2019. (Epub 2019 Mar 12)



Vanholme, R, Sundin, L, Seetso, KC, Kim, H, Liu, X, Li, J, De Meester, B, Hoengenaert, L, Goeminne, G, Morreel, K, Haustraete, J, Tsai, HH, Schmidt, W, Vanholme, B, Ralph, J, Boerjan, W.

**COSY catalyses trans-cis isomerization and lactonization in the biosynthesis of coumarins**

**Nat Plants** 5, 1066-1075, 2019. (Epub 2019 Sep 9)



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**Role of glutamine synthetase in angiogenesis beyond glutamine synthesis**

**Nature** 561, 63-69, 2018. (Epub 2018 Aug 29)



Schoonaert, L, Rue, L, Roucourt, B, Timmers, M, Little, S, Chavez Gutierrez, L, Dewilde, M, Joyce, P, Curnock, A, Weber, P, Haustraete, J, Hassanzadeh-Ghassabeh, G, De Strooper, B, Van Den Bosch, L, Van Damme, P, Lemmens, R, Robberecht, W.

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**J Biol Chem**, in press, 2017. (Epub 2017 May 19)



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**Generation of a new Gateway-compatible inducible lentiviral vector platform allowing easy derivation of co-transduced cells**

**Biotechniques** 60, 252-259, 2016. (Epub 2016 May 1)



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Becker-Pauly, C, Van Wonterghem, E, Dewaele, S, Van Imschoot, G, Aerts, J, Arckens, L, Saeys, Y, Libert, C, Vandenbroucke, RE.

### **Development and validation of a small single domain antibody that effectively inhibits matrix metalloproteinase 8**

**Mol Ther** 24, 890-902, 2016. (Epub 2016 Jan 18)



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### **CRISPR/Cas9 mediated knockout of *rb1* and *rb1l* leads to rapid and penetrant retinoblastoma development in *Xenopus tropicalis***

**Sci Rep** 6, 35264, 2016. (Epub 2016 Oct 14)



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### **Phenylcoumaran benzylic ether reductase prevents accumulation of compounds formed under oxidative conditions in poplar xylem**

**Plant Cell** 26, 3775-3791, 2014. (Epub 2014 Sep 19)



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**J Biol Chem** 290, 4022-4037, 2014. (Epub 2014 Dec 23)



Dumolyn, C, Schoonoghe, S, Moerman, L, Neyt, S, Haustraete, J, De Vos, F.

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### **Caffeoyl shikimate esterase (CSE) is an enzyme in the lignin biosynthetic pathway**

**Science** 341, 1103-1106, 2013. (Epub 2013 Aug 15)



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**Methods Mol Biol** 907, 325-340, 2012. (Epub 2012 Aug)



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**Microb Cell Fact** 9, 93, 2010. (Epub 2010 Nov 23)



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**Cell** 141, 178-190, 2010. (Epub ---)



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