

SANTARELLI Xavier (PR)

Maria S, Joucla G, Garbay B, Dieryck W, Lomenech AM, **Santarelli X**, Cabanne C. Purification process of recombinant monoclonal antibodies with mixed mode chromatography. *J Chromatogr A*. 2015 May 8;1393:57-64. doi:10.1016/j.chroma.2015.03.018. Epub 2015 Mar 14. PubMed PMID: 25805720

Janakiraman VN, Cabanne C, Dieryck W, Hocquellet A, Joucla G, Le Senechal C, Chaignepain S, Costaglioli P, **Santarelli X**, Garbay B, Noubhani A. Production and purification of recombinant human hepcidin-25 with authentic N and C-termini. *J Biotechnol*. 2015 Feb 10;195:89-92. doi: 10.1016/j.jbiotec.2014.12.025. Epub 2015 Jan 3. PubMed PMID: 25562424.

Pezzini J, Cabanne C, Dupuy JW, Gantier R, **Santarelli X**. A study on the nature of interactions of mixed-mode ligands HEA and PPA HyperCel using phenylglyoxal modified lysozyme. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2014 Jun 1;960:209-13. doi: 10.1016/j.jchromb.2014.04.046. Epub 2014 May 2. PubMed PMID:24814006.

Cabanne C, **Santarelli X**. Media selection in ion-exchange chromatography in a single microplate. *Methods Mol Biol*. 2014;1129:45-51. doi: 10.1007/978-1-62703-977-2_5. PubMed PMID: 24648066.

Pezzini J, Cabanne C, Gantier R, Janakiraman VN, **Santarelli X**. A comprehensive evaluation of mixed mode interactions of HEA and PPA HyperCel™ chromatographic media. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2014 Nov 29;976-977C:68-77.

Joucla G, Le Sénéchal C, Bégorre M, Garbay B, **Santarelli X**, Cabanne C. Cation exchange versus multimodal cation exchange resins for antibody capture from CHO supernatants: Identification of contaminating Host Cell Proteins by mass spectrometry. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2013 Dec 30;942-943:126-33.

Bazin D, Chevalier S, Saadaoui H, **Santarelli X**, Larpent C, Feracci H, Faure C. Electrodeposition of polymer nanodots with controlled density and their reversible functionalization by polyhistidine-tag proteins. *Langmuir*. 2012 Oct 2;28(39):13968-75. doi: 10.1021/la301063s

Deramchia K, Jacobin-Valat MJ, Vallet A, Bazin H, **Santarelli X**, Sanchez S, Dos Santos P, Franconi JM, Claverol S, Bonetto S, Clofent-Sanchez G. New human antibody fragments homing to atherosclerotic endothelial and subendothelial tissues: an in vivo phage display targeting human antibodies homing to atherosclerotic tissues. *Am J Pathol*. 2012 Jun;180(6):2576-89.

Pezzini J, Joucla G, Gantier R, Toueille M, Lomenech AM, Le Sénéchal C, Garbay B, **Santarelli X**, Cabanne C. Antibody capture by mixed-mode chromatography: a comprehensive study from determination of optimal purification conditions to identification of contaminating host cell proteins. *J Chromatogr A*. 2011 Nov 11;1218(45):8197-208

Odaert B, Prouzet-Mauleon V, Dupuy JW, Crouzet M, Bonneu M, **Santarelli X**, Vieillemard A, Thoraval D, Doignon F, Hugues M. Evidence for specific interaction between the RhoGAP domain from the yeast Rgd1 protein and phosphoinositides. *Biochem Biophys Res Commun*. 2011 Feb 4;405(1):74-8

Hocquellet A, Odaert B, Cabanne C, Noubhani A, Dieryck W, Joucla G, Le Senechal C, Milenkov M, Chaignepain S, Schmitter JM, Claverol S, **Santarelli X**, Dufourc EJ, Bonneu M, Garbay B, Costaglioli P. Structure-activity relationship of human liver-expressed antimicrobial peptide 2. *Peptides*. 2010 Jan;31(1):58-66.