

Publicaties in 2016

Een overzicht van publicaties in 2016 waaraan klinisch chemici van Medlon hebben meegewerkt.

Kandhai-Ragunath JJ, Doggen CJ, Jorstad HT, **Doelman CJA**, de Wagenaar B, IJzerman MJ, Peters RJ, von Birgelen C. Endothelial Dysfunction After ST-segment Elevation Myocardial Infarction and Long-term Outcome: A Study With Reactive Hyperemia Peripheral Artery Tonometry. *Rev Esp Cardiol* 2016;69:664-71.

Henke S, Leijten J, **Kemna E**, Neubauer M, Fery A, van den Berg A, van Apeldoorn A, *Macromol Biosci* 2016.

de Jong E, van Oers JA, Beishuizen A, Vos P, Vermeijden WJ, Haas LE, Loef BG, Dormans T, van Melsen GC, Kluiters YC, Kemperman H, van den Elsen MJ, Schouten JA, Streefkers JO, **Krabbe HG**, Kieft H, Klunge GH, van Dam VC, van Pelt J, Bormans L, Otten MB, Reidinga AC, Endeman H, Twisk JW, van de Garde EM, de Smet AM, Kesecioglu J, Girbes AR, Nijsten MW, de Lange DW. Efficacy and safety of procalcitonin guidance in reducing the duration of antibiotic treatment in critically ill patients: a randomised, controlled, open-label trial. *Lancet Infect Dis.* 2016;16:819-27.

Büttler RM, Martens F, Ackermans MT, Davison AS, van Herwaarden AE, Kortz L, **Krabbe JG**, Lentjes EG, Syme C, Webster R, Blankenstein MA, Heijboer AC. Comparison of eight routine unpublished LC-MS/MS methods for the simultaneous measurement of testosterone and androstenedione in serum. *Clin Chim Acta.* 2016 Feb 15;454:112-8.

Dirks NF, Vesper HW, van Herwaarden AE, van den Ouweland JM, Kema IP, **Krabbe JG**, Heijboer AC. Various calibration procedures result in optimal standardization of routinely used 25(OH)D ID-LC-MS/MS methods. *Clin Chim Acta* 2016 Nov 1;462:49-54

Krabbe JG, Monaghan PJ, Russell J, de Rijke YB. Analytical evaluation of a second generation assay for chromogranin A; a dual-site study. *Clin Chem Lab Med.* 2016 Apr;54(4):e139-42

Henke S, Leijten J, **Kemna E**, Neubauer M, Fery A, van den Berg A, van Apeldoorn A, Karperien M. Enzymatic Crosslinking of Polymer Conjugates is Superior over Ionic or UV Crosslinking for the On-Chip Production of Cell-Laden Microgels. *Macromol Biosci* 2016.

Leus NG, van der Wouden PE, van den Bosch T, hooghiemstra WT, ourailidou ME, Kistemaker LE, Bischoff R, Gosens R, Haisma HJ, Dekker FJ. HDAC 3-selective inhibitor RGFP966 demonstrates anti-inflammatory properties in RAQ 264.7 macrophages and mouse precision-cut lung slices by attenuating K ϵ -B p65 transcriptional activity. *Biochem Pharmacol* 2016;108:58-74.

Leus NG, Zwinterman RM, Dekker FJ. Histone deacetylase 3 (HDAC 3) as emerging drug target in NF- κ B-mediated inflammation. *Curr Opin Chem Biol* 2016;33:106-8.

van den Bosch T, Boichenko A, **Leus NG**, Ourailidou ME, Wapenaar H, Rotili D, Mai A, Imhof A, Bischoff R, Haisma HJ, Dekker FJ. The histone acetyltransferase p300 inhibitor C646 reduces pro-inflammatory gene expression and inhibits histone deacetylases. *Biochem Pharmacol* 2016;15:130-40.

Eleftheriadis N, Thee SA, Zwinterman MR, **Leus NG**, Dekker FJ. Activity-Based Probes for 15-Lipoxygenase-1. *Angew Chem Int Ed Engl* 2016;55:12300-5.

Eleftheriadis N, Poelman H, **Leus NG**, Honrath B, Neochoritis CG, Dolga A, Dömling A, Dekker FJ. Design of a novel thiophene inhibitor of 15-lipoxygenase-1 with both anti-inflammatory and neuroprotective properties. *Eur J Med Chem* 2016 Oct 21;122:786-801.

Slomp J, Soons JWPH, Henskens YMC, de Rijke YB, Vossen RCRM, Kortlandt W. Tarieven voor inboeken en uitgifte van transfusie-eenheden en hemovigilantiewerkzaamheden. *Ned Tijdschr Klin Chem Labgeneesk* 2016;41:54-55.

van de Donk NWCJ, Sonneveld P, Minnema MC, Nieuwenhuis L, den Hartog YM, Bosman PWC, Mutis T, Nijhof I, Otten HG, Bloem AC, **Slomp J**, de Voogt KMK, Som N, Jacobs JFM, Zweegman S, Lokhorst HM. Daratumumab in de dagelijkse praktijk. *Ned Tijdschr Hematol* 2016;13:123-30.