

Vetenskapliga artiklar publicerade under 2017

Rättsgenetik

M. Apellaniz-Ruiz, H. Tejero, L. Inglada-Perez, L. Sanchez-Barroso, G. Gutierrez-Gutierrez, I. Calvo, B. Castelo, A. Redondo, J. Garcia-Donas, N. Romero-Laorden, M. Sereno, M. Merino, M. Curras-Freixes, C. Montero-Conde, V. Mancikova, E. Avall-Lundqvist, H. Green, F. Al-Shahrour, A. Cascon, M. Robledo, C. Rodriguez-Antona, Targeted Sequencing Reveals Low-Frequency Variants in EPHA Genes as Markers of Paclitaxel-Induced Peripheral Neuropathy, *Clin Cancer Res* 23(5) (2017) 1227-1235.

M. Karlgren, I. Simoff, M. Backlund, C. Wegler, M. Keiser, N. Handin, J. Muller, P. Lundquist, A.C. Jareborg, S. Oswald, P. Artursson, A CRISPR-Cas9 Generated MDCK Cell Line Expressing Human MDR1 Without Endogenous Canine MDR1 (cABCB1): An Improved Tool for Drug Efflux Studies, *J Pharm Sci* 106(9) (2017) 2909-2913.

A.O. Tillmar, D. Kling, J.M. Butler, W. Parson, M. Prinz, P.M. Schneider, T. Egeland, L. Gusmao, DNA Commission of the International Society for Forensic Genetics (ISFG): Guidelines on the use of X-STRs in kinship analysis, *Forensic Sci Int Genet* 29 (2017) 269-275.

A.O. Tillmar, C. Phillips, Evaluation of the impact of genetic linkage in forensic identity and relationship testing for expanded DNA marker sets, *Forensic Sci Int Genet* 26 (2017) 58-65.

Rättskemi

M.D. Cherma, M. Josefsson, I. Rydberg, P. Woxler, T. Trygg, O. Hollertz, P.A. Gustafsson, Methylphenidate for Treating ADHD: A Naturalistic Clinical Study of Methylphenidate Blood Concentrations in Children and Adults With Optimized Dosage, *Eur J Drug Metab Pharmacokinet* 42(2) (2017) 295-307.

X. Diao, J. Carlier, M. Zhu, S. Pang, R. Kronstrand, K.B. Scheidweiler, M.A. Huestis, In vitro and in vivo human metabolism of a new synthetic cannabinoid NM-2201 (CBL-2201), *Forensic Toxicol* 35(1) (2017) 20-32.

D. Guerrieri, E. Rapp, M. Roman, H. Druid, R. Kronstrand, Postmortem and Toxicological Findings in a Series of Furanylfentanyl-Related Deaths, *J Anal Toxicol* 41(3) (2017) 242-249.

D. Guerrieri, E. Rapp, M. Roman, G. Thelander, R. Kronstrand, Acrylfentanyl: Another new psychoactive drug with fatal consequences, *Forensic Sci Int* 277 (2017) e21-e29.

H. Gyllensten, A.K. Jonsson, K.M. Hakkarainen, S. Svensson, S. Hagg, C. Rehnberg, Comparing Methods for Estimating Direct Costs of Adverse Drug Events, *Value Health* 20(10) (2017) 1299-1310.

A. Johansson, D. Lindstedt, M. Roman, G. Thelander, E.I. Nielsen, U. Lennborn, H. Sandler, S. Rubertsson, J. Ahlner, R. Kronstrand, F.C. Kugelberg, A non-fatal intoxication and seven deaths involving the dissociative drug 3-MeO-PCP, *Forensic Sci Int* 275 (2017) 76-82.

A.K. Jonsson, H. Lovborg, W. Lohr, B. Ekman, J. Rocklov, Increased Risk of Drug-Induced Hyponatremia during High Temperatures, *Int J Environ Res Public Health* 14(7) (2017).

M.S. Levander, E. Grodzinsky, Variation in Normal Ear Temperature, *Am J Med Sci* 354(4) (2017) 370-378.

J. Natanaelsson, K.M. Hakkarainen, S. Hagg, K. Andersson Sundell, M. Petzold, C. Rehnberg, A.K. Jonsson, H. Gyllensten, Direct and indirect costs for adverse drug events identified in medical records across care levels, and their distribution among payers, *Res Social Adm Pharm* 13(6) (2017) 1151-1158.

A.K. Norlin, S. Walter, E. Theodorsson, V. Tegelstrom, E. Grodzinsky, M.P. Jones, A. Faresjo, Cortisol levels in hair are altered in irritable bowel syndrome - A case control study in primary care, *J Psychosom Res* 93 (2017) 69-75.

M.O. Olsson, A. Ojehagen, L. Bradvik, R. Kronstrand, A. Hakansson, High Rates of Tramadol Use among Treatment-Seeking Adolescents in Malmo, Sweden: A Study of Hair Analysis of Nonmedical Prescription Opioid Use, *J Addict* 2017 (2017) 6716929.

S. Watanabe, S. Vikingsson, M. Roman, H. Green, R. Kronstrand, A. Wohlfarth, In Vitro and In Vivo Metabolite Identification Studies for the New Synthetic Opioids Acetylfentanyl, Acrylfentanyl, Furanylfentanyl, and 4-Fluoro-Isobutyrylfentanyl, *AAPS J* 19(4) (2017) 1102-1122.

S. Vikingsson, J.O. Dahlberg, J. Hansson, V. Hoiom, H. Green, Simple and cost-effective liquid chromatography-mass spectrometry method to measure dabrafenib quantitatively and six metabolites semi-quantitatively in human plasma, *Anal Bioanal Chem* 409(15) (2017) 3749-3756.

S. Vikingsson, A. Wohlfarth, M. Andersson, H. Green, M. Roman, M. Josefsson, F.C. Kugelberg, R. Kronstrand, Identifying Metabolites of Meclonazepam by High-Resolution Mass Spectrometry Using Human Liver Microsomes, Hepatocytes, a Mouse Model, and Authentic Urine Samples, *AAPS J* 19(3) (2017) 736-742.

A. Wohlfarth, M. Roman, M. Andersson, F.C. Kugelberg, X. Diao, J. Carlier, C. Eriksson, X. Wu, P. Konradsson, M. Josefsson, M.A. Huestis, R. Kronstrand, 25C-NBOMe and 25I-NBOMe metabolite studies in human hepatocytes, in vivo mouse and human urine with high-resolution mass spectrometry, *Drug Test Anal* 9(5) (2017) 680-698.

A. Wohlfarth, S. Vikingsson, M. Roman, M. Andersson, F.C. Kugelberg, H. Green, R. Kronstrand, Looking at flubromazolam metabolism from four different angles: Metabolite profiling in human liver microsomes, human hepatocytes, mice and authentic human urine samples with liquid chromatography high-resolution mass spectrometry, *Forensic Sci Int* 274 (2017) 55-63.

Rättsmedicin

- H.L. Brooke, M. Talback, J. Hornblad, L.A. Johansson, J.F. Ludvigsson, H. Druid, M. Feychting, R. Ljung, The Swedish cause of death register, *Eur J Epidemiol* 32(9) (2017) 765-773.
- A. Eriksson, T. Gustafsson, M. Hoistad, M. Hultcrantz, S. Jacobson, I. Mejare, A. Persson, Diagnostic accuracy of postmortem imaging vs autopsy-A systematic review, *Eur J Radiol* 89 (2017) 249-269.
- A. Fugelstad, M. Ramstedt, I. Thiblin, L.A. Johansson, Drug-related deaths: Statistics based on death certificates miss one-third of cases, *Scand J Public Health* (2017) 1403494817745187.
- R. Gedeberg, B. Svennblad, L. Byberg, K. Michaelsson, I. Thiblin, Prediction of mortality risk in victims of violent crimes, *Forensic Sci Int* 281 (2017) 92-97.
- P. Gudmannsson, J. Berge, H. Druid, G. Ericsson, A. Eriksson, A Unique Fatal Moose Attack Mimicking Homicide, *J Forensic Sci* (2017).
- T. Gustafsson, A. Eriksson, C.J. Wingren, Multivariate linear regression modelling of lung weight in 24,056 Swedish medico-legal autopsy cases, *J Forensic Leg Med* 46 (2017) 20-22.
- E. Iacobaeus, R.V. Sugars, A. Tornqvist Andren, J.J. Alm, H. Qian, J. Frantzen, J. Newcombe, K. Alkass, H. Druid, M. Bottai, M. Roytta, K. Le Blanc, Dynamic Changes in Brain Mesenchymal Perivascular Cells Associate with Multiple Sclerosis Disease Duration, Active Inflammation, and Demyelination, *Stem Cells Transl Med* 6(10) (2017) 1840-1851.
- O. Kononenko, I. Bazov, H. Watanabe, G. Gerashchenko, O. Dyachok, D.S. Verbeek, K. Alkass, H. Druid, M. Andersson, J. Mulder, A.F. Svenningsen, G. Rajkowska, C.A. Stockmeier, O. Krishtal, T. Yakovleva, G. Bakalkin, Opioid precursor protein isoform is targeted to the cell nuclei in the human brain, *Biochim Biophys Acta* 1861(2) (2017) 246-255.
- X. Li, H. Sandler, S. Kleiven, The importance of nonlinear tissue modelling in finite element simulations of infant head impacts, *Biomech Model Mechanobiol* 16(3) (2017) 823-840.
- A.S. Lindqvist Bagge, T. Rosen, C. Fahlke, C. Ehrnberg, B.O. Eriksson, T. Moberg, I. Thiblin, Somatic effects of AAS abuse: A 30-years follow-up study of male former power sports athletes, *J Sci Med Sport* 20(9) (2017) 814-818.
- N. Lynoe, G. Elinder, B. Hallberg, M. Rosen, P. Sundgren, A. Eriksson, Is accepting circular reasoning in shaken baby studies bad science or misconduct?, *Acta Paediatr* 106(9) (2017) 1445-1446.
- N. Lynoe, G. Elinder, B. Hallberg, M. Rosen, P. Sundgren, A. Eriksson, The scientific evidence regarding retinal haemorrhages. Response to Hellgren et al. and Levin, *Acta Paediatr* 106(7) (2017) 1041-1042.
- N. Lynoe, G. Elinder, B. Hallberg, M. Rosen, P. Sundgren, A. Eriksson, Insufficient evidence for 'shaken baby syndrome' - a systematic review, *Acta Paediatr* 106(7) (2017) 1021-1027.
- N. Lynoe, A. Eriksson, May the fear of being falsely accused of having shaken a baby increase parents' demands for scheduled Caesareans?, *Acta Paediatr* 106(7) (2017) 1052.

P. Reu, A. Khosravi, S. Bernard, J.E. Mold, M. Salehpour, K. Alkass, S. Perl, J. Tisdale, G. Possnert, H. Druid, J. Frisen, The Lifespan and Turnover of Microglia in the Human Brain, *Cell Rep* 20(4) (2017) 779-784.

M. Rosen, N. Lynoe, G. Elinder, B. Hallberg, P. Sundgren, A. Eriksson, Shaken baby syndrome and the risk of losing scientific scrutiny, *Acta Paediatr* 106(12) (2017) 1905-1908.

C. Soderberg, E. Wernvik, A.K. Jonsson, H. Druid, Reference values of lithium in postmortem femoral blood, *Forensic Sci Int* 277 (2017) 207-214.

K.L. Spalding, S. Bernard, E. Naslund, M. Salehpour, G. Possnert, L. Appelsved, K.Y. Fu, K. Alkass, H. Druid, A. Thorell, M. Ryden, P. Arner, Impact of fat mass and distribution on lipid turnover in human adipose tissue, *Nat Commun* 8 (2017) 15253.

B. Thienpont, J.M. Aronsen, E.L. Robinson, H. Okkenhaug, E. Loche, A. Ferrini, P. Brien, K. Alkass, A. Tomasso, A. Agrawal, O. Bergmann, I. Sjaastad, W. Reik, H.L. Roderick, The H3K9 dimethyltransferases EHMT1/2 protect against pathological cardiac hypertrophy, *J Clin Invest* 127(1) (2017) 335-348.

A. Wisten, P. Krantz, E.L. Stattin, Sudden cardiac death among the young in Sweden from 2000 to 2010: an autopsy-based study, *Europace* 19(8) (2017) 1327-1334.

B. Zilg, P. Rasten-Almqvist, Fatal Fat Embolism After Penis Enlargement by Autologous Fat Transfer: A Case Report and Review of the Literature, *J Forensic Sci* 62(5) (2017) 1383-1385.

B. Zilg, G. Thelander, B. Giebe, H. Druid, Postmortem blood sampling-Comparison of drug concentrations at different sample sites, *Forensic Sci Int* 278 (2017) 296-303.

Rättspsykiatri

M. Arora, A. Reichenberg, C. Willfors, C. Austin, C. Gennings, S. Berggren, P. Lichtenstein, H. Anckarsater, K. Tammimies, S. Bolte, Fetal and postnatal metal dysregulation in autism, *Nat Commun* 8 (2017) 15493.

E. Billstedt, H. Anckarsater, M. Wallinius, B. Hofvander, Neurodevelopmental disorders in young violent offenders: Overlap and background characteristics, *Psychiatry Res* 252 (2017) 234-241.

S. Caman, K. Howner, M. Kristiansson, J. Sturup, Differentiating intimate partner homicide from other homicide: A Swedish population-based study of perpetrator, victim, and incident characteristics, *Psychology of Violence* 7(2) (2017) 306-315.

S. Caman, M. Kristiansson, S. Granath, J. Sturup, Trends in rates and characteristics of intimate partner homicides between 1990 and 2013, *Journal of Criminal Justice* 49 (2017) 14-21.

A. Ekstrom, M. Kristiansson, K.S. Bjorksten, Dementia and cognitive disorder identified at a forensic psychiatric examination - a study from Sweden, *BMC Geriatr* 17(1) (2017) 219.

- O. Falk, A. Sfindla, S. Brandstrom, H. Anckarsater, T. Nilsson, N. Kerekes, Personality and trait aggression profiles of male and female prison inmates, *Psychiatry Res* 250 (2017) 302-309.
- J. Forsman, T. Keltanen, B. Liberg, A. Sajantila, T. Masterman, K. Lindroos, Glucose metabolism in completed suicide: a forensic-pathological pilot study, *Croat Med J* 58(1) (2017) 34-39.
- J. Hedlund, J. Forsman, J. Sturup, T. Masterman, Psychotropic Medications in Swedish Homicide Victims and Offenders: A Forensic-Toxicological Case-Control Study of Adherence and Recreational Use, *J Clin Psychiatry* 78(7) (2017) e797-e802.
- M. Hildebrand Karlen, Interviewing intoxicated witnesses: Memory performance in theory and practice, *Scand J Psychol* (2017).
- M. Hildebrand Karlen, E. Roos Af Hjelmsater, C. Fahlke, P.A. Granhag, A. Soderpalm-Gordh, To wait or not to wait? Improving results when interviewing intoxicated witnesses to violence, *Scand J Psychol* 58(1) (2017) 15-22.
- B. Hofvander, H. Anckarsater, M. Wallinius, E. Billstedt, Mental health among young adults in prison: the importance of childhood-onset conduct disorder, *BJPsych Open* 3(2) (2017) 78-84.
- S.E. Kelley, J.D.M. van Dongen, M.B. Donnellan, J.F. Edens, H. Eisenbarth, A. Fossati, K. Howner, A. Somma, K. Sorman, Examination of the Triarchic Assessment Procedure for Inconsistent Responding in Six Non-English Language Samples, *Psychol Assess* (2017).
- N. Kerekes, O. Falk, S. Brandstrom, H. Anckarsater, M. Rastam, B. Hofvander, The protective effect of character maturity in child aggressive antisocial behavior, *Compr Psychiatry* 76 (2017) 129-137.
- H. Krona, M. Nyman, H. Andreasson, N. Vicencio, H. Anckarsater, M. Wallinius, T. Nilsson, B. Hofvander, Mentally disordered offenders in Sweden: differentiating recidivists from non-recidivists in a 10-year follow-up study, *Nord J Psychiatry* 71(2) (2017) 102-109.
- C. Marland, P. Lichtenstein, A. Degl'Innocenti, T. Larson, M. Rastam, H. Anckarsater, C. Gillberg, T. Nilsson, S. Lundstrom, The Autism-Tics, ADHD and other Comorbidities inventory (A-TAC): previous and predictive validity, *BMC Psychiatry* 17(1) (2017) 403.
- G. Nilsonne, S. Tamm, A. Golkar, K. Sorman, K. Howner, M. Kristiansson, A. Olsson, M. Ingvar, P. Petrovic, Effects of 25 mg oxazepam on emotional mimicry and empathy for pain: a randomized controlled experiment, *R Soc Open Sci* 4(3) (2017) 160607.
- M. Persson, H. Belfrage, B. Fredriksson, M. Kristiansson, Violence During Imprisonment, Forensic Psychiatric Care, and Probation: Correlations and Predictive Validity of the Risk Assessment Instruments COVR, LSI-R, HCR-20V3, and SAPROF, *International Journal of Forensic Mental Health* 16(2) (2017) 117-129.
- M. Persson, H. Belfrage, M. Kristiansson, Violent victimization and health service utilization in a forensic psychiatric context: a comparison between offenders with mental disorders and matched controls, *BMC Psychiatry* 17(1) (2017) 91.

A.K. Sjodin, M. Wallinius, E. Billstedt, B. Hofvander, T. Nilsson, Evidence for Two Levels of Intimate Partner Violence and Aggression Among Incarcerated Young Male Violent Offenders, *Int J Offender Ther Comp Criminol* (2017) 306624X17739180.

A.-K. Sjödin, M. Wallinius, E. Billstedt, B. Hofvander, T. Nilsson, Dating violence compared to other types of violence: similar offenders but different victims, *The European Journal of Psychology Applied to Legal Context* 9(2) (2017) 83-91.

O. Stahlberg, S. Boman, C. Robertsson, N. Kerekes, H. Anckarsater, T. Nilsson, A 3-year follow-up study of Swedish youths committed to juvenile institutions: Frequent occurrence of criminality and health care use regardless of drug abuse, *Int J Law Psychiatry* 50 (2017) 52-60.

K. Sygel, J. Sturup, U. Fors, H. Edberg, J. Gavazzeni, K. Howner, M. Persson, M. Kristiansson, The effect of gender on the outcome of forensic psychiatric assessment in Sweden: A case vignette study, *Crim Behav Ment Health* 27(2) (2017) 124-135.

J. Taljemark, M. Rastam, P. Lichtenstein, H. Anckarsater, N. Kerekes, The coexistence of psychiatric and gastrointestinal problems in children with restrictive eating in a nationwide Swedish twin study, *J Eat Disord* 5 (2017) 25.