

There are no translations available.

Elenco delle pubblicazioni del CAD aggiornato al 20/07/2021:

SALOMONE A., PALAMAR J.J. Toxicosurveillance of Novel Opioids: Just Screening Tests May Not Be Enough  
The American Journal of Drug and Alcohol Abuse, 47:3, 271-272 DOI:10.1080/00952990.2021.1917588

BALSAMO D., BAJARDI P., SALOMONE A., SCHIFANELLA R. (2021)

Patterns of Routes of Administration and Drug Tampering for Nonmedical Opioid Consumption: Data Mining and Content Analysis of Reddit Discussions

Journal of Medical Internet Research;23(1):e21212

F. Vincenti, C. Montesano, E. Oliva, F. Fanti, M. Vincenti, A. Salomone, D. Compagnone, R. Curini, M. Sergi, Accelerated extraction and analysis of ethyl-glucuronide in hair by means of pressurized liquid extraction followed by liquid chromatography-tandem mass spectrometry determination,

Journal of Analytical Toxicology, accepted. DOI: 10.1093/jat/bkaa141. E. Alladio, L. Visintin, T. Lombardo, R. Testi A. Salomone, M. Vincenti

The impact of COVID-19 pandemic and lockdown on alcohol consumption: a perspective from hair analysis,

Frontiers in Psychiatry, 2021, 12, 632519. DOI: 10.3389/fpsyg.2021.632519.

E. Gerace, J. Modaffari, P. Negri, D. Di Corcia, E. Amante, A. Salomone, M. Vincenti Detection of the synthetic peptide ipamorelin in dried blood spots by means of UHPLC-HRMS

International Journal of Mass Spectrometry, 2021, 462, 116531. DOI: 10.1016/j.ijms.2021.116531.

S. De Luca, E. Amante, C. Fiori, G. Alleva, E. Alladio, F. Marini, D. Garrou,

M. Manfredi, D. Amparore, E. Checcucci, S. Pruner, A. Salomone, R.M. Scarpa, M. Vincenti, F. Porpiglia

Prospective evaluation of urinary steroids and prostate carcinoma-induced deviation: preliminary results

Minerva Urology and Nephrology, 2021, 73, 98-106. DOI: 10.23736/S0393-2249.19.03529-X.

E. Alladio, E. Amante, C. Bozzolino, S. Vaglio, G. Guzzetti, E. Gerace, A. Salomone, M. Vincenti

Optimization and validation of a GC-MS quantitative method for the determination of an extended estrogenic profile

in human urine: Variability intervals in a population of healthy women

Biomedical Chromatography, 2021, 35, e4967. DOI: 10.1002/bmc.4967.

A. Salomone, D. Di Corcia, P. Negri, M. Kolia, E. Amante, E. Gerace, M. Vincenti

Targeted and Untargeted detection of fentanyl analogs and their metabolites in hair by means of UHPLC-QTOF-HRMS

Analytical & Bioanalytical Chemistry, 2021, 413, 225-233. DOI: 10.1007/s00216-020-02994-x.

E. Gerace, S. Petrova Bakanova, D. Di Corcia, A. Salomone, M. Vincenti

Determination of cannabinoids in urine, oral fluid and hair samples after chronic intake of CBD-rich cannabis by smoking

Forensic Science International, 2021, 318, 110561. DOI: 10.1016/j.forsciint.2020.110561

G. Biosa, D. Giurghita, E. Alladio, M. Vincenti, T. Neocleous

Evaluation of forensic data using logistic regression-based classification methods and an R Shiny implementation

Frontiers, 2020, 8, 738. DOI: 10.3389/fchem.2020.00738.

E. Amante, E. Alladio, C. Bozzolino, F. Seganti, A. Salomone, M. Vincenti, B. Desharnais

Experimental and statistical protocol for the effective validation of chromatographic analytical methods

MethodsX, 2020, 7, 100919. DOI: 10.1016/j.mex.2020.100919.

A. Salomone, R. Bigiarini, J.J. Palamar, C. McKnight, L. Vinsick, E. Amante, D. Di Corcia, M. Vincenti

Toward the interpretation of positive testing for fentanyl and its analogs in real hair samples: preliminary considerations

Journal of Analytical Toxicology, 2020, 44, 362-369. DOI: 10.1093/jat/bkz102.

M. Tarantola, I. Biasato, E. Biasibetti, D. Biagini, P. Capra, F. Guarda, M. Loporati,  
V. Malfatto, B. Miniscalco, S. Mioletti, M. Vincenti, A. Gastaldo, M.T. Capucchio

On-farm animal welfare assessment in different beef cattle livestock farming conditions: an integrated multidisciplinary approach

Italian Journal of Animal Science, 2020, 19, 341-350. DOI: 10.1080/1828051X.2020.1743783.

PALAMAR J.J., SALOMONE A. (2020) Shifts in Unintentional Exposure to Drugs Among People Who Use Ecstasy in the Electronic Dance Music Scene, 2016-2019

The American Journal on Addictions, DOI:10.1111/ajad.13086

ZAMENGO L., FRISON G., ZWITSER G., SALOMONE A., FREEMAN T.P. (2020)

Cannabis knowledge and implications for health: Considerations regarding the legalization of non-medical cannabis, Medicine

Science and the Law, 60(4): 309-314, doi.org/10.1177/0025802420934255

PALAMAR J.J., SALOMONE A., KEYES K.M. (2020)

Underreporting of Drug Use among Electronic Dance Music Party Attendees.

Clinical Toxicology, doi 10.1080/15563650.2020.1785488

PALAMAR J.J., SALOMONE A., BARRAT M.J. (2020)

Drug checking to detect fentanyl and new psychoactive substances.

Current Opinion Psychiatry, 33(4):301-305, DOI:10.1097/YCO.0000000000000607

PALAMAR J.J., SALOMONE A., RUTHERFORD C., KEYES K.M. (2020)

Extensive Underreported Exposure to Ketamine Among Electronic Dance Music Party Attendees

J Gen Intern Med, 10.1007/s11606-020-05672-x

E. Gerace, F. Borio, D. Caneparo, A. Salomone, M. Vincenti Determination of several synthetic cathinones and an amphetamine-like compound in urine by gas-chromatography/mass spectrometry.

Method validation and application to real cases.

Journal of Separation Science, 2019, 42, 1577-1584. DOI: 10.1002/jssc.201801249.

A. Salomone, E. Gerace, D. Di Corcia, E. Alladio, M. Vincenti

P. Kintz, Hair analysis can provide additional information in doping and forensic cases involving clostebol

Drug Testing and Analysis, 2019, 11, 95-101. DOI: 10.1002/dta.2469

P. Własiuk, E. Alladio, A. Salomone, M. Vincenti, G. Zadora

Evidence of seasonal variation of ethyl glucuronide in hair: modelling a seven-years data-series

Drug Testing and Analysis, 2019, 11, 77-85. DOI: 10.1002/dta.2470

E. Gerace, F. Seganti, C. Luciano, T. Lombardo, D. Di Corcia

H. Teifel, M. Vincenti, A. Salomone, On-site identification of psychoactive drugs by portable Raman spectroscopy during drug-checking service

in electronic music events

Drug and Alcohol Review, 2019, 38, 50-56. DOI: 10.1111/dar.12887

E. Alladio, G. Biosa, D. Di Corcia, F. Seganti, A. Salomone, M. Vincenti, M.R. Baumgartner

Systematic optimization of ethyl glucuronide extraction conditions from scalp hair by design of experiments and its potential

effect on cut-off values appraisal

Drug Testing and Analysis, 2018, 10, 1394-1403. DOI: 10.1002/dta.2405

E. Amante, E. Alladio, A. Salomone, M. Vincenti, F. Marini, G. Alleva, S. De Luca, F. Porpiglia

Correlation between chronological and physiological age of males from their multivariate urinary endogenous steroid profile and

prostatic carcinoma-induced deviation

Steroids, 2018, 139, 10-17. DOI: 10.1016/j.steroids.2018.09.007.

E. Gerace, A. Salomone, C. Luciano, D. Di Corcia, M. Vincenti

First case in Italy of fatal intoxication involving the new opioid U-47700

Frontiers in Pharmacology, section Neuropharmacology, 2018, 9, 747. DOI: 10.3389/fphar.2018.00747

E. Gerace, A. Salomone, M. Vincenti

Analytical approaches in fatal intoxication cases involving new synthetic opioids

Current Pharmaceutical Biotechnology, 2018, 19, 113-123. DOI: 10.2174/1389201019666180405162734.

E. Alladio, M. Omedei, G. D'Amico, D. Caneparo, M. Vincenti, P. Garofano

DNA mixtures interpretation – a proof-of-concept multi-software comparison highlighting different probabilistic methods'

performances on challenging samples, Forensic Science International: Genetics

2018, 37, 143-150 DOI: 10.1016/j.fsigen.2018.08.002

A. Salomone, A. Bozzo, D. Di Corcia, E. Gerace, B.X. Sample, M. Vincenti

Occupational exposure to alcohol-based hand sanitizers: the diriment role of alcohol biomarkers in hair

Journal of Analytical Toxicology, 2018, 42, 157-162. DOI: 10.1093/jat/bkx094.

E. Alladio, L. Giacomelli, G. Biosa, D. Di Corcia, E. Gerace, A. Salomone, M. Vincenti

Development and validation of a Partial Least Squares - Discriminant Analysis (PLS-DA) model based on the determination of Ethyl Glucuronide (EtG)

and Fatty Acid Ethyl Esters (FAEEs) in hair for the diagnosis of chronic alcohol abuse

Forensic Science International, 2018, 282, 221-230. DOI: 10.1016/j.forsciint.2017.11.010.

C. Bozzolino, M. Leporati, F. Gani, C. Ferrero, M. Vincenti

Development and validation of an UHPLC-MS/MS method for β2-Agonists in human urine and application to real samples

Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 15-24. DOI: 10.1016/j.jpba.2017.11.055.

E. Alladio, E. Amante, C. Bozzolino, F. Seganti, A. Salomone, M. Vincenti, B. Desharnais Effective validation of chromatographic analytical methods: the illustrative case of androgenic steroids

Talanta, 2020, 215, 120867. DOI: 10.1016/j.talanta.2020.120867.

C. Malegori, E. Alladio, P. Oliveri, C. Manis, M. Vincenti, P. Garofano, F. Barni, A. Berti

Identification of invisible biological traces in forensic evidences by hyperspectral NIR imaging combined with chemometrics.

Talanta, 2020, 215, 120911. DOI: 10.1016/j.talanta.2020.120911.

A. Menzyk, A. Damin, A. Martyna, E. Alladio, M. Vincenti, G. Martra, G. Zadora

Toward a novel framework for bloodstains dating by Raman spectroscopy: how to avoid sample photodamage and subsampling errors,

Talanta, 2020, 209, 120565. DOI: 10.1016/j.talanta.2019.120565

A. Salomone, J.J. Palamar, M. Vincenti,

Should NPS be included in workplace drug testing? Drug Testing and Analysis

DOI: 10.1002/dta.2749, 2020, 12, 191-194. DOI: 10.1002/dta.2749.

E. Alladio, C. Della Rocca, F. Barni, J.-M. Dugoujon, P. Garofano, O. Semino, A. Berti, A.

Novelletto, M. Vincenti, F. Cruciani

A multivariate statistical approach for the estimation of the ethnic origin of unknown genetic profiles in forensic genetics

Forensic Science International: Genetics, 2020, 45, 102209. DOI:  
10.1016/j.fsigen.2019.102209.

E. Alladio, C. Della Rocca, F. Cruciani, M. Vincenti, P. Garofano, A. Berti, F. Barni

A multivariate statistical approach to for the evaluation of the biogeographical ancestry information from traditional STRs

Forensic Science International: Genetics Supplement Series, 2019, 7, 253-255. DOI:  
10.1016/j.fsigss.2019.09.097.

E. Amante, S. Pruner, E. Alladio, A. Salomone, M. Vincenti, R. Bro

Multivariate interpretation of the urinary steroid profile and training-induced modifications

The case study of a marathon runner, Drug Testing and Analysis, 2019, 11, 1556-1565. DOI:  
10.1002/dta.2676.

C. Bozzolino, S. Vaglio, E. Amante, E. Alladio, E. Gerace, A. Salomone, M. Vincenti

Individual and cyclic estrogenic profile in women: structure and variability of the data

Steroids, 2019, 150, 108432. DOI: 10.1016/j.steroids.2019.108432.

P. Capra, M. Leporati, C. Nebbia, S. Gatto, A. Attucci, G. Barbarino, M. Vincenti

Effects of truck transportation and slaughtering on the occurrence of prednisolone and its metabolites in cow urine, liver and adrenal glands

BMC Veterinary Research, 2019, 15, 336. DOI: 10.1186/s12917-019-2069-4

E. Amante, A. Salomone, E. Alladio, M. Vincenti, F. Porpiglia, R. Bro

Untargeted metabolomic profile for the detection of prostate carcinoma

Preliminary results from PARAFAC2 and PLS-DA models, Molecules, 2019, 24, 3063. DOI:

10.3390/molecules24173063

A. Salomone, J.J. Palamar, R. Bigiarini, E. Gerace, D. Di Corcia, M. Vincenti

Detection of fentanyl analogs and synthetic opioids in real hair samples

Journal of Analytical Toxicology, 2019, 43, 259-265. DOI: 10.1093/jat/bky093

J.J. Palamar, A. Salomone; R. Bigiarini; M. Vincenti; P. Acosta; B. Tofighi

Testing hair for fentanyl exposure: a method to inform harm reduction behavior among individuals who use heroin

The American Journal of Drug and Alcohol Abuse, 2019, 45, 90-96. DOI: 10.1080/00952990.2018.1550652

OLIVER C.F., PALAMAR J.J., SALOMONE A., SIMMONS S.J., PHILOGENE-KHALID H., STOKES-MCCLOSKEY N. RAWLS S.M. (2018) Synthetic Cathinone Adulteration of Illegal Drugs Psychopharmacology, 236:869–879, doi.org/10.1007/s00213-018-5066-6

PALAMAR J.J., SALOMONE A., CLELAND C.M., SHERMAN, S. (2018)

Willingness to provide a hair sample for drug testing among electronic dance music party attendees.

Substance Abuse, doi.org/10.1080/08897077.2018.1469106

MONTANARI E., BONASONI M.P., LICATA M., SALOMONE A, GERACE E., VIVARELLI M., GIORGETTI R., TAGLIABRACCI A. (2018)

Toxicological and histological analyses for a stillborn delivered by a mother under methadone maintenance therapy

Forensic Toxicology, 10.1007/s11419-017-0402-9

J.J. PALAMAR, A. SALOMONE, E. GERACE, D. DI CORCIA, M. VINCENTI, C.M. CLELAND

Hair Testing to Assess Both Known and Unknown Use of Drugs amongst Ecstasy Users in the

Electronic Dance Music Scene

International Journal of Drug Policy, 2017, 48:91-98

E. ALLADIO, A. MARTYNA, A. SALOMONE, V. PIRRO, M. VINCENTI, G. ZADORA

Direct and indirect alcohol biomarkers data collected in hair samples - multivariate data analysis and likelihood ratio interpretation perspectives

Data in Brief, 2017, 12:1-8

A. SALOMONE, M. VINCENTI, E. GERACE

Interpretation of NPS results in real hair samples

Toxicologie Analytique et Clinique, 2017, 29(1):4-10

E. GERACE, A. VERONESI, G. MARTRA, A. SALOMONE, M. VINCENTI

Study of cocaine incorporation in damaged hair samples,

Forensic Chemistry, 2017, 3:69-73

A. SALOMONE, J.J. PALAMAR, E. GERACE, D. DI CORCIA, M. VINCENTI

Hair Testing for Drugs of Abuse and New Psychoactive Substances in a High Risk Population

Journal of Analytical Toxicology, 2017, 41 (5): 376-381

F. D'URSO, A. SALOMONE, F. SEGANTI, M. VINCENTI

Identification of exposure to toxic metals by means of segmental hair analysis. A case report of alleged chromium intoxication

Forensic Toxicology, 2017, 35(1):195-200

E. GERACE, E. BOVETTO, D. DI CORCIA, M. VINCENTI, A. SALOMONE.

A case of non-fatal intoxication associated with the recreational use of diphenidine

J. Forensic Sci, DOI: 10.1111/1556-4029.13355

E. ALLADIO, A. MARTYNA, A. SALOMONE, V. PIRRO, M. VINCENTI, G. ZADORA

Evaluation of direct and indirect ethanol biomarkers using a likelihood ratio approach to identify chronic alcohol abusers for forensic purposes

Forensic Science International, 2017, 271:13-22

A. SALOMONE, M.R. BAUMGARTNER, T. LOMBARDO, E. ALLADIO, D. DI CORCIA, M. VINCENTI

Effects of various sample pretreatment procedures on ethyl glucuronide quantification in hair samples: comparison of positivity rates and appraisal of cut-off values

Forensic Science International, 2016, 267:60-65

A. SALOMONE, L. TSANACLIS, R. AGIUS, P. KINTZ, M.R. BAUMGARTNER

European guidelines for workplace drug and alcohol testing in hair

Drug Testing and Analysis, Drug Testing and Analysis, 2016, 8:996-1004

E. ALLADIO, R. CARUSO, E. GERACE, E. AMANTE, A. SALOMONE, M. VINCENTI

Application of multivariate statistics to the Steroidal Module of the Athlete Biological Passport: a proof of concept study

Analitica Chimica Acta, 2016, 922:19-29

J.J. PALAMAR, A. SALOMONE, M. VINCENTI, C.M. CLELAND

Detection of “Bath Salts” and Other Novel Psychoactive Substances in Hair Samples of Ecstasy/MDMA/“Molly” Users

Drug and Alcohol Dependence, 2016, 161:200-205

M. LEPORATI, A. SALOMONE, G. GOLE’, M. VINCENTI

Determination of anticoagulant rodenticides and α-chloralose in human hair and application to a

real case

Journal of Analytical Toxicology, 2016, 40(4):277-285

A. SALOMONE, G. GAZZILLI, D. DI CORCIA, E. GERACE, M. VINCENTI

Determination of cathinones and other stimulant, psychedelic and dissociative designer drugs in real hair samples

Analytical and Bioanalytical Chemistry, 2015, 408(8):2035-2042

P. KINTZ, M. VINCENTI, A. SALOMONE (Eds)

Hair Analysis in Clinical and Forensic Toxicology

Elsevier Academic Press, San Diego, CA, USA, 2015

E. GERACE, A. SALOMONE, D. DI CORCIA, P. MAZZUCCO, M. VINCENTI

Postmortem redistribution of triazolam, alprazolam, delorazepam (chlodesmethyldiazepam) and zolpidem in a suicide case

Toxicologie Analytique et Clinique, 2015, 27:233-238

E. ALLADIO, V. PIRRO, A. SALOMONE, M. VINCENTI, R. LEARDI

Chemometric approach to open validation protocols.1. Prediction of validation parameters in multi-residue ultra-high performance liquid chromatography - tandem mass spectrometry methods

Analitica Chimica Acta, 2015, 878:78-86

M. LEPORATI, R. SALVO, V. PIRRO, A. SALOMONE

Driving under the influence of alcohol. A 5 year overview in Piedmont, Italy

Journal of Forensic and Legal Medicine, 2015, 34:104-108

A. Salomone, E. Gerace, P. Diana, M. Romeo, V. Malvaso, D. Di Corcia, M. Vincenti

Cut-off proposal for the detection of ketamine in hair

Forensic Science International, 2015, 248:119-123

A. Salomone, V. Pirro, T. Lombardo, D. Di Corcia, S. Pellegrino, M. Vincenti

Interpretation of group-level factors from a large population dataset in the determination of ethyl glucuronide in hair

Drug Testing and Analysis, 2015, 7:407-413

E. Gerace, M. Petrarulo, F. Bison, A. Salomone, M. Vincenti

Toxicological findings in a fatal multidrug intoxication involving mephedrone

Forensic Science International, 2014, 243:68-73

V. Pirro, I. Fusari, D. Di Corcia, E. Gerace, E. De Vivo, A. Salomone, M. Vincenti

Hair analysis for long-term monitoring of buprenorphine intake in opiates withdrawal

Therapeutic Drug Monitoring, 2014, 36:796-807

A. Salomone, C. Luciano, D. Di Corcia, E. Gerace, M. Vincenti

Hair analysis as a tool to evaluate the prevalence of synthetic cannabinoids in different populations of drug consumers

Drug Testing and Analysis, 2014, 6, 126–134

M. Leporati, R.O. Bua, F. Mariano, P. Carignano, M. Stella, L. Biancone, M. Vincenti

Determination by LC-MS/MS of colistin A and B in plasma and ultrafiltrate from critically ill patients undergoing continuous venovenous haemodiafiltration

Therapeutic Drug Monitoring, 2014, 36(2):182-191

M. Vincenti, A. Salomone, V. Pirro

How has screening of harmful drinking changed over the years?,

Bioanalysis, 2013, 5(24): 2981-2983

V. Pirro, D. Di Corcia, F. Seganti, A. Salomone, M. Vincenti

Determination of ethyl glucuronide levels in hair for the assessment of alcohol abstinence

Forensic Science International, 2013, 232:229-236

M. Vincenti, A. Salomone, E. Gerace, V. Pirro

Role of LC-MS/MS in hair testing for the determination of common drugs of abuse and other psychoactive drugs

Bioanalysis, 2013, 5(15): 1919-1938

M. Leporati, P. Capra, F. T. Cannizzo, B. Biolatti, C. Nebbia, M. Vincenti

Determination of prednisolone metabolites in beef cattle

Food Additives & Contaminants: Part A, 2013, DOI:10.1080/19440049.2013.777975

D. Di Corcia, S. Lisi, V. Pirro, E. Gerace, A. Salomone, M. Vincenti

Determination of pharmaceutical and illicit drugs in oral fluid by ultra-high performance liquid chromatography - tandem mass spectrometry

Journal of Chromatography B, 2013, 927:133-141

V. Pirro, P. Oliveri, B. Sciutte, R. Salvo, A. Salomone, S. Lanteri, M. Vincenti

Multivariate strategies for screening evaluation of harmful drinking

Bioanalysis, 2013, 5(6):687-699

M. Vincenti, D. Cavanna, E. Gerace, V. Pirro, M. Petrarulo, D. Di Corcia, A. Salomone

Fast screening of 88 pharmaceutical drugs and metabolites in whole blood by ultrahigh-performance liquid chromatography-tandem mass spectrometry

Analytical and Bioanalytical Chemistry, 2013, 405 (2), 863-879

M. Vincenti, A. Salomone, E. Gerace, V. Pirro

Application of mass spectrometry to hair analysis for forensic toxicological investigations

Mass Spectrometry Reviews, 2013, 32, 312–332

M. Vincenti, M. Leporati, P. Capra, S. Gatto, A. Attucci, G. Barbarino, C. Nebbia

A field survey on the presence of prednisolone and prednisone in urine samples from untreated cows

Food Additives & Contaminants: Part A, 2012, 29(12), 1893-1900

E. Gerace, V. Ciccatelli, P. Rapetti, A. Salomone, M. Vincenti

Distribution of Chloralose in a Fatal Intoxication

Journal of Analytical Toxicology, 2012, 36, 452-456

A. Salomone, E. Gerace, F. D'Urso, D. Di Corcia, M. Vincenti

Simultaneous analysis of several synthetic cannabinoids, THC, CBD, CBN in hair by ultra-high performance liquid chromatography tandem mass spectrometry. Method validation and application to real samples

Journal of Mass Spectrometry, 2012, 47, 604–610

D. Di Corcia, F. D'Urso, E. Gerace, A. Salomone, M. Vincenti

Simultaneous determination of multiclass drugs of abuse (including THC) in hair by ultra-high performance liquid chromatography - tandem mass spectrometry

Journal of Chromatography B, 2012, 899, 154–159

A. Salomone, E. Gerace, D. Di Corcia, G. Martra, M. Petrarulo, M. Vincenti

Hair analysis of drugs involved in drug-facilitated sexual assault and detection of zolpidem in a suspected case

International Journal of Legal Medicine, 2012, 126, 451-459

E. Gerace, A. Salomone, S. Pellegrino, M. Vincenti

Evidence of Haldol (haloperidol) long-term intoxication

Forensic Science International, 2012, 215, 121-123

M. Leporati, P. Capra, P. Brizio, V. Ciccotelli, M.C. Abete, M. Vincenti

Fit-for-purpose in veterinary drug residue analysis: development and validation of a LC-MS/MS method for screening thirty illicit drugs included in the Italian residue detection plan in bovine urine

Journal of Separation Science, 2012, 35, 400-409

E. Gerace, A. Salomone, G. Abbadessa, S. Racca, M. Vincenti

Rapid determination of anti-estrogens in urine by gas chromatography/mass spectrometry: method validation and application to real samples

Journal of Pharmaceutical Analysis, 2012, 2, 1-11

E. Gerace, A. Salomone, F. Fasano, R. Costa, D. Boschi, A. Di Stilo, M. Vincenti

Validation of a GC-MS method for the detection of two quinolinone-derived selective androgen receptor modulators in doping control analysis

Analytical and Bioanalytical Chemistry, 2011, 400, 137-144

V. Pirro, V. Valente, P. Oliveri, A. De Bernardis, A. Salomone, M. Vincenti

Chemometric evaluation of nine alcohol biomarkers on a large population of clinically-classified subjects: prevalence of ethyl glucuronide concentration in hair for confirmatory classification

Analytical & Bioanalytical Chemistry, 2011, 401, 2153-2164

P. Borrione, G. Marchiaro, M. Vincenti, A. Sciacca, A. Spaccamiglio, A. Di Gianfrancesco, M. Casasco, F. Pigozzi

Health risk screening in adolescents: a pilot study

The Journal of Sports Medicine and Physical Fitness, 2011, 51, 268-274

P. Borrione, A. Spaccamiglio, M. Rizzo, A. Termine, E. Chierito, N. Campostrini, F. Quaranta, A. Di Gianfrancesco, F. Pigozzi

Urinary hepcidin identifies a serum ferritin cut-off for iron supplementation in young athletes: a pilot study

Journal of Biological Regulators and Homeostatic Agents. 2011, 25(3):427-34.

A. Salomone, E. Gerace, P. Brizio, M.C. Gennaro, M. Vincenti

A fast liquid chromatography-tandem mass spectrometry method for the determination of benzodiazepines and analogues in urine. Method validation and application to real cases of forensic interest

Journal of Pharmaceutical & Biomedical Analysis, 2011, 56, 582-591

A. Salomone, D. Di Corcia, E. Gerace, M. Vincenti

A fatal case of simultaneous ingestion of mirtazapine, escitalopram and valproic acid

Journal of Analytical Toxicology, 2011, 35, 519-523

V. Pirro, D. Di Corcia, S. Pellegrino, M. Vincenti, B. Sciutte, A. Salomone

A study of distribution of ethyl glucuronide in different keratin matrices

Forensic Science International, 2011, 210, 271-277.

F.T. Cannizzo, P. Capra, S. Divari, V. Ciccotelli, B. Biolatti, M. Vincenti

Effects of low-dose dexamethasone and prednisolone long term administration in beef calf: chemical and morphological investigation

Analytica Chimica Acta, 2011, 700, 95-104

M. Vincenti

Mario Thevis: Mass spectrometry in sports drug testing. Characterization of prohibited substances and doping control analytical assays

Analytical & Bioanalytical Chemistry, 2011, 400, 1-2

E. Gerace, A. Salomone, F. Fasano, R. Costa, D. Boschi, A. Di Stilo, M. Vincenti

Validation of a GC/MS method for the detection of two quinoline-derived selective androgen receptor modulators in doping control analysis

Analytical & Bioanalytical Chemistry, 2011, 400, 137-144

B. Sciutteri, V. Pirro, S. Alois, A. Salomone, E. Bignamini, A. De Bernardis, S. Pellegrino, M. Vincenti

Individuazione di criteri oggettivi più sensibili e specifici per la diagnosi di abuso cronico da alcol

Mission – Periodico trimestrale della federazione italiana degli operatori dei dipartimenti e dei servizi delle dipendenze, 2010, 32, 35-41

D. Di Corcia, V. Morra, M. Pazzi, M. Vincenti

Simultaneous determination of β2-agonists in human urine by fast-gas chromatography/mass spectrometry: method validation and clinical application

Biomedical Chromatography, 2010, 24, 358-366

S. Divari, R. De Maria, F. T. Cannizzo, F. Spada, C. Mulasso, T. F. H. Bovee, P. Capra, M. Leporati, B. Biolatti

A RIKILT yeast estrogen bioassay (REA) for estrogen residue detection in urine of calves experimentally treated with 17-estradiol

Food Additives and Contaminants, 2010, 27, 19-28

P. Borrione, A. Spaccamiglio, A. Parisi, R. A. Salvo, M. Pautasso, F. Pigozzi, A. Angeli

A biparametric flow cytometry analysis for the study of reticulocyte patterns of maturation

International Journal of Laboratory Hematology, 2010, 32, 65-73

M. Vincenti, F. Girolami, P. Capra, M. Pazzi, M. Carletti, G. Gardini, C. Nebbia

Study of dexamethasone urinary excretion profile in cattle by LC-MS/MS: comparison between therapeutic and growth-promoting administration

Journal of Agricultural and Food Chemistry, 2009, 57, 1299-1306

F. Fagnani, A. Spaccamiglio, L. Grasso, A. Termine, A. Angeli, F. Pigozzi, P. Borrione

N-terminal pro $\beta$ -type natriuretic peptide and homocysteine concentrations in athletes

The Journal of Sports Medicine and Physical Fitness, 2009, 49, 440-447

P. Borrione, A. Spaccamiglio, R. A. Salvo, A. Mastrone, F. Fagnani, F. Pigozzi

Rhabdomyolysis in a young vegetarian athlete

American Journal of Physical Medicine & Rehabilitation, 2009, 88, 951-954

P. Borrione, A. Spaccamiglio, F. Fagnani, F. Pigozzi

EPO abuse in sport

International Sport Medicine Journal, 2009, 10, 45-52

P. Borrione, M. Rizzo, A. Spaccamiglio, R. A. Salvo. A. Dovio, A. Termine, A. Parisi, F. Fagnani, A. Angeli, F. Pigozzi

Sport-related hyperhomocysteinemia: a putative marker of muscular demand to be noticed for cardiovascular risk

British Journal of Sports Medicine, 2008, 42:11, 894-900

P. Borrione, A. Mastrone, R. A. Salvo, A. Spaccamiglio, L. Grasso, A. Angeli

Oxygen delivery enhancers: Past, present and future

Journal of Endocrinological Investigation, 2008, 31, 185-192

M. Vincenti, P. Capra, D. Di Corcia, M. Leporati, G. Barbarino

L'unità di sicurezza alimentare di Orbassano: i compiti e gli obiettivi della struttura presso il Centro Antidoping "A. Bertinaria";

Medicina Veterinaria Preventiva, 2008, 29, 4-7

C. Brunelli, C. Bicchi, A. Di Stilo, A. Salomone, M. Vincenti

High-Speed Gas-Chromatography in Doping Control: Fast-GC and Fast-GC/MS Determination of  $\beta$ -Adrenoceptor Ligands and Diuretics

Journal of Separation Science, 2006, 29, 2765-2771

V. Morra, P. Davit, P. Capra, M. Vincenti, A. Di Stilo, F. Botré

Fast Gas Chromatographic/Mass Spectrometric Determination of Diuretics and Masking Agents in Human Urine. Development and Validation of a Productive Screening Protocol for Antidoping Analysis

Journal of Chromatography A, 2006, 1135, 219-229