

Drug testing bibliography

Abellan R, Ventura R, Pichini S, Palmi I, Bellver M, Olive R, Pacifici R, Pascual JA, Effect of physical fitness and endurance exercise on indirect biomarkers of recombinant erythropoietin misuse.

Int J Sports Med. 2007 Jan;28(1):9-15. Epub 2006 Jun 26.

Ayotte C.

Significance of 19-norandrosterone in athletes' urine samples.

Br J Sports Med. 2006 Jul;40 Suppl 1:i25-9.

Boumba VA, Ziavrou KS, Vougiouklakis T.

Hair as a biological indicator of drug use, drug abuse or chronic exposure to environmental toxicants.

Int J Toxicol. 2006 May-Jun;25(3):143-63.

Calfee R, Fadale P.

Popular ergogenic drugs and supplements in young athletes.

Pediatrics. 2006 Mar;117(3):e577-89.

Cannon EO, Bender A, Palmer DS, Mitchell JB.

Chemoinformatics-based classification of prohibited substances employed for doping in sport.

J Chem Inf Model. 2006 Nov-Dec;46(6):2369-80.

Carpenter PC.

Performance-enhancing drugs in sport.

Endocrinol Metab Clin North Am. 2007 Jun;36(2):481-95.

de Oca Porto RM, Pérez AR, Correa Vidal MT.

Electron ionization mass spectra of ephedrines in a doping confirmatory procedure: a curious migration of the trimethylsilyl group in the N-acetyl-O-trimethylsilyl derivatives.

Rapid Commun Mass Spectrom. 2007;21(12):1871-6.

Deventer K, Van Eenoo P, Delbeke FT.

Screening for amphetamine and amphetamine-type drugs in doping analysis by liquid chromatography/mass spectrometry.

Rapid Commun Mass Spectrom. 2006;20(5):877-82.

Du H, Cheng J.

Protein chips for high-throughput doping screening in athletes.

Expert Rev Proteomics. 2006 Feb;3(1):111-4.

Eichner ER.

Blood doping : infusions, erythropoietin and artificial blood.

Sports Med. 2007;37(4-5):389-91.

Estrin I, Sher L.

The constitutionality of random drug and alcohol testing of students in secondary schools.

Int J Adolesc Med Health. 2006 Jan-Mar;18(1):21-5.

Gambelunghe C, Somnavilla M, Ferranti C, Rossi R, Aroni K, Manes N, Bacci M.

Analysis of anabolic steroids in hair by GC/MS/MS.

Biomed Chromatogr. 2007 Apr;21(4):369-75.

Green GA.

Doping control for the team physician: a review of drug testing procedures in sport.

Am J Sports Med. 2006 Oct;34(10):1690-8. Epub 2006 Aug 21

Guinot M, Duclos M, Idres N, Souberbielle JC, Megret A, Le Bouc Y.

Value of basal serum cortisol to detect corticosteroid-induced adrenal insufficiency in elite cyclists.

Eur J Appl Physiol. 2007 Feb;99(3):205-16. Epub 2006 Nov 7.

Haisma HJ, de Hon O.

Gene doping

Int J Sports Med. 2006 Apr;27(4):257-66.

Handelsman DJ.

Clinical review: The rationale for banning human chorionic gonadotropin and estrogen blockers in sport.

J Clin Endocrinol Metab. 2006 May;91(5):1646-53. Epub 2006 Feb 14.

Johnston AM.

Attention to doping controls required when prescribing for athletes.

Chest. 2006 Oct;130(4):1283-4.

Kang MJ, Hwang YH, Lee W, Kim DH.

Validation and application of a screening method for beta2-agonists, anti-estrogenic substances and mesocarb in human urine using liquid chromatography/tandem mass spectrometry.

Rapid Commun Mass Spectrom. 2007;21(2):252-64.

Kintz P, Villain M, Cirimele V.

Hair analysis for drug detection.

Ther Drug Monit. 2006 Jun;28(3):442-6.

Lamon S, Robinson N, Mangin P, Saugy M.

Detection window of Darbepoetin-alpha following one single subcutaneous injection.

Clin Chim Acta. 2007 Apr;379(1-2):145-9. Epub 2007 Jan 24.

Levine BD.

Should "artificial" high altitude environments be considered doping?
Scand J Med Sci Sports. 2006 Oct;16(5):297-301.

Lippi G, Franchini M, Salvagno GL, Guidi GC.

Biochemistry, physiology, and complications of blood doping: facts and speculation.
Crit Rev Clin Lab Sci. 2006;43(4):349-91.

Lippi G, Franchini M, Guidi GC

Cobalt chloride administration in athletes: a new perspective in blood doping?
Br J Sports Med. 2005 Nov;39(11):872-3.

Lippi G, Banfi G .

Blood transfusions in athletes. Old dogmas, new tricks. Clin Chem Lab Med.
2006;44(12):1395-402

Lippi G, Salvagno GL, Solero GP, Guidi GC.

The influence of the tourniquet time on hematological testing for antidoping purposes.
Int J Sports Med. 2006 May;27(5):359-62.

Maughan RJ.

Contamination of dietary supplements and positive drug tests in sport.
J Sports Sci. 2005 Sep;23(9):883-9.

Mazzarino M, Botrè F.

A fast liquid chromatographic/mass spectrometric screening method for the simultaneous detection of synthetic glucocorticoids, some stimulants, anti-oestrogen drugs and synthetic anabolic steroids
Rapid Commun Mass Spectrom. 2006;20(22):3465-76.

Pincock S.

Gene doping
Lancet. 2005 Dec;366 Suppl 1:S18-9.

Pitsiladis YP, Scott R

Essay: The makings of the perfect athlete.
Lancet. 2005 Dec;366 Suppl 1:S16-7.

Robinson N, Giraud S, Saudan C, Baume N, Avois L, Mangin P, Saugy M.

Erythropoietin and blood doping.
Br J Sports Med. 2006 Jul;40 Suppl 1:i30-4.

Saugy M, Robinson N, Saudan C, Baume N, Avois L, Mangin P.

Human growth hormone doping in sport.
Br J Sports Med. 2006 Jul;40 Suppl 1:i35-9.

Sharpe K, Ashenden MJ, Schumacher YO.
A third generation approach to detect erythropoietin abuse in athletes.
Haematologica. 2006 Mar;91(3):356-63. Epub 2006 Feb 17

Thevis M, Kamber M, Schänzer W.
Screening for metabolically stable aryl-propionamide-derived selective androgen receptor modulators for doping control purposes
Rapid Commun Mass Spectrom. 2006;20(5):870-6.

Thevis M, Schänzer W.
Mass spectrometry in sports drug testing: Structure characterization and analytical assays.
Mass Spectrom Rev. 2007 Jan-Feb;26(1):79-107.

Thevis M, Loo JA, Loo RR, Schänzer W.
Recommended criteria for the mass spectrometric identification of target peptides and proteins (<8 kDa) in sports drug testing.
Rapid Commun Mass Spectrom. 2007;21(3):297-304.

Thevis M, Thomas A, Delahaut P, Bosseloir A, Schänzer W.
Doping control analysis of intact rapid-acting insulin analogues in human urine by liquid chromatography-tandem mass spectrometry.
Anal Chem. 2006 Mar 15;78(6):1897-903.

Trent RJ, Alexander IE.
Gene therapy in sport.
Br J Sports Med. 2006 Jan;40(1):4-5.

Van Thuyne W, Van Eenoo P, Mikulčíková P, Deventer K, Delbeke FT.
Detection of androst-4-ene-3,6,17-trione (6-OXO) and its metabolites in urine by gas chromatography-mass spectrometry in relation to doping analysis.
Biomed Chromatogr. 2005 Nov;19(9):689-95.

Zuccaro P, Segura J.
Effect of physical fitness and endurance exercise on indirect biomarkers of recombinant erythropoietin misuse.
Int J Sports Med. 2007 Jan;28(1):9-15. Epub 2006 Jun 26.