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Commentary

Advances in Exercise, Fitness, and Performance Genomics in 2010

HAGBERG, JAMES M.; RANKINEN, TUOMO; LOOS, RUTH J. F.; PÉRUSSE, LOUIS; ROTH, STEPHEN M.; WOLFARTH, BERND; BOUCHARD, CLAUDE

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Is It Time to Change the Ground Rules of Exercise-Related Genomics Research?

Urso, Maria L.

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Clinical Sciences

Effects of Exercise on Bone Mass in Young Women with Anorexia Nervosa

WAUGH, ESTHER J.; WOODSIDE, D. BLAKE; BEATON, DORCAS E.; COTÉ, PIERRE; HAWKER, GILLIAN A.

doi: 10.1249/MSS.0b013e3181ff3961

Lifestyle Change Diminishes a Hypertensive Response to Exercise in Type 2 Diabetes

SCHULTZ, MARTIN G.; HORDERN, MATTHEW D.; LEANO, RODEL; COOMBES, JEFFREY S.; MARWICK, THOMAS H.; SHARMAN, JAMES E.

doi: 10.1249/MSS.0b013e3181f034
**Creatine in Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled Trial**

GUALANO, BRUNO; DE SALLES PAINNELI, VITOR; ROSCHEL, HAMILTON; ARTIOLI, GUILHERME GIANNINI; NEVES, MANOEL JR; DE SÁ PINTO, ANA LÚCIA; DA SILVA, MARIA ELIZABETH ROSSI; CUNHA, MARIA ROSÁRIA; O'TADUY, MARIA CONCEPCIÓN GARCÍA; DA COSTA LEITE, CLAUDIA; FERREIRA, JÚLIO CÉSAR; PEREIRA, ROSA MARIA; BRUM, PATRÍCIA CHAKUR; BONFÃ, ELOISA; LANCHIA, ANTONIO HERBERT JR


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**Basic Sciences**

**Community-Associated Methicillin-Resistant Staphylococcus aureus Survival on Artificial Turf Substrates**

WANINGER, KEVIN N.; ROONEY, THOMAS P.; MILLER, JAMES E.; BERBERIAN, JEREMY; FUJIMOTO, ALYSSA; BUTTARO, BETTINA A.


doi: 10.1249/MSS.0b013e3182006819

**Energy Expenditure and Plasma F2-Isoprostanes across the Menstrual Cycle**

RUDRA, CAROLE B.; WACTAWSKI-WENDE, JEAN; HOVEY, KATHLEEN M.; BROWNE, RICHARD W.; ZHANG, CUILIN; HEDIGER, MARY L.; SCHISTERMAN, ENRIQUE F.


doi: 10.1249/MSS.0b013e3181fc5eab

**Bioavailable IGF-I Is Associated with Fat-Free Mass Gains after Physical Training in Women**

NINDL, BRADLEY C.; MCCLUNG, JAMES P.; MILLER, JEREMY K.; KARL, J. PHILIP; PIERCE, JOSEPH R.; SCOFIELD, DENNIS E.; YOUNG, ANDREW J.; LIEBERMAN, HARRIS R.


doi: 10.1249/MSS.0b013e31820065ea

**Does Controlling for Biological Maturity Improve Physical Activity Tracking?**

ERLANDSON, MARTA C.; SHERAR, LAUREN B.; MOSEWICH, AMBER D.; KOWALSKI, KENT C.; BAILEY, DONALD A.; BAXTER-JONES, ADAM D. G.


doi: 10.1249/MSS.0b013e3181ffee8a

**Epidemiology**

**Pericardial Fat Loss in Postmenopausal Women under Conditions of Equal Energy Deficit**

BRINKLEY, TINA E.; DING, JINGZHONG; CARR, J. JEFFREY; NICKLAS, BARBARA J.

doi: 10.1249/MSS.0b013e3181fb512d

Self-Reported and Objectively Measured Activity Related to Biomarkers Using NHANES

ATIENZA, AUDIE A.; MOSER, RICHARD P.; PERNA, FRANK; DODD, KEVIN; BALLARD-BARBASH, RACHEL; TROIANO, RICHARD P.; BERRIGAN, DAVID


doi: 10.1249/MSS.0b013e3181fdfc32

Relationship of Television Time with Accelerometer-Derived Sedentary Time: NHANES

CLARK, BRONWYN K.; HEALY, GENEVIEVE N.; WINKLER, ELISABETH A. H.; GARDINER, PAUL A.; SUGIYAMA, TAKEMI; DUNSTAN, DAVID W.; MATTHEWS, CHARLES E.; OWEN, NEVILLE


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Applied Sciences

Changes in Running Kinematics, Kinetics, and Spring-Mass Behavior over a 24-h Run

MORIN, JEAN-BENOÎT; SAMOZINO, PIERRE; MILLET, GUILLAUME Y.


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Effects of Fatigue on Muscle Stiffness and Intermittent Sprinting during Cycling

DITROILO, MASSIMILIANO; WATSFORD, MARK; FERNÁNDEZ-PEÑA, ENEKO; D’AMEN, GIANCARLO; LUCERTINI, FRANCESCO; DE VITO, GIUSEPPE


doi: 10.1249/MSS.0b013e3182012261

Comparison of Male and Female Road Cyclists under Identical Stage Race Conditions

LIM, ALLEN C.; PETERMAN, JAMES E.; TURNER, BENJAMIN M.; LIVINGSTON, LINDSEY R.; BYRNES, WILLIAM C.


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Measuring Changes in Aerodynamic/Rolling Resistances by Cycle-Mounted Power Meters

LIM, ALLEN C.; HOMESTEAD, ERIC P.; EDWARDS, ANDREW G.; CARVER, TODD C.; KRAM, RODGER; BYRNES, WILLIAM C.


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Effects of Body Mass Index and Tilt Angle on Output of Two Wearable Activity Monitors

FEITO, YURI; BASSETT, DAVID R.; TYO, BRIAN; THOMPSON, DIXIE L.


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Comparative Validity of Physical Activity Measures in Older Adults

COLBERT, LISA H.; MATTHEWS, CHARLES E.; HAVIGHURST, THOMAS C.; KIM, KYUNG-MANN; SCHOELLER, DALE A.


doi: 10.1249/MSS.0b013e3181fc7162

Energetics of Best Performances in Elite Kayakers and Canoeists

BUGLIONE, ANTONIO; LAZZER, STEFANO; COLLI, ROBERTO; INTROIINI, ELISABETTA; DI PRAMPERO, PIETRO ENRICO


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Physiology, Power Output, and Racing Strategy of a Race Across America Finisher

SCHUMACHER, YORCK OLAF; AHLGRIM, CHRISTOPH; PRETTIN, STEPHAN; POTTGIESSER, TORBEN


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