

Yannis Pitsiladis
School of Sport and Service Management
Email: Y.Pitsiladis@brighton.ac.uk



Employment

Professor of Sport and Exercise Science

School of Sport and Service Management
University of Brighton
2 Sep 2013 → present

Visiting Professor

University of Cape Town
South Africa
3 Dec 2018 → present

Visiting Professor of Sport and Exercise Science

University of Rome La Sapienza
Italy
1 Oct 2016 → present

International Olympic Committee (IOC) Medical and Scientific Commission

International Olympic Committee Medical Commission, Lausanne
1 May 2015 → present

International Sports Medicine Federation (FIMS), Chair of Scientific Commission (member of the Scientific Commission)

International Federation of Sports Medicine
Switzerland
1 Jan 2010 → present

Research outputs

The Use of Technology to Protect the Health of Athletes During Sporting Competitions in the Heat

Muniz-Pardos, B., Sutehall, S., Angeloudis, K., Shurlock, J. & Pitsiladis, Y., 3 Oct 2019, In : *Frontiers in sports and active living*. 1, 38.

Altitude Training and Recombinant Human Erythropoietin: Considerations for Doping Detection

Sutehall, S., Muniz-Pardos, B., Oliveira Lima, G., Wang, G., Rossell Malinsky, F., Bosch, A., Irina, I., Tanisawa, K., Pigozzi, F., Borrione, P. & Pitsiladis, Y., 1 Apr 2019, In : *Current Sports Medicine Reports*. 18, 4, p. 97-104 8 p.

The performance effects of microdose rHuEpo administration and CO-rebreathing

Sutehall, S., Martin-Rincon, M., Wang, G., Sherlock, J., Durussel, J., Mooses, M., Wang, J. & Pitsiladis, Y., Dec 2018, In : *Current Sports Medicine Reports*. 17, 12, p. 457-466

Anti-doping science: important lessons from the medical sciences

Simon, P., Neuberger, E.W., Wang, G. & Pitsiladis, Y., Nov 2018, In : *Current Sports Medicine Reports*. 17, 10, 326-331.

IOC consensus statement: dietary supplements and the high-performance athlete

Maughan, R. J., Burke, L. M., Dvorak, J., Enette Larson-Meyer, D., Peeling, P., Phillips, S. M., Rawson, E. S., Walsh, N. P., Garthe, I. & Pitsiladis, Y., 19 Mar 2018, In : *British Journal of Sports Medicine*. 52, 7, p. 439-455 17 p.

IOC Consensus Statement: Dietary Supplements and the High-Performance Athlete

Maughan, R. J., Burke, L. M., Dvorak, J., Enette Larson-Meyer, D., Peeling, P., Phillips, S. M., Rawson, E. S., Walsh, N. P., Garthe, I. & Pitsiladis, Y., 1 Mar 2018, In : Journal of Human Kinetics. 28, 2, p. 104-125 22 p.

Early Sports Specialization: An International Perspective

Smith, A. D., Alleyne, J. M. K., Pitsiladis, Y., Schneider, C., Kenihan, M., Constantinou, D. & Webb, N., 15 Nov 2017, In : Current Sports Medicine Reports. 16, 6, p. 439-442 4 p.

Genetic testing for exercise prescription and injury prevention: AIS-Athlome consortium-FIMS joint statement

Vlahovich, N., Hughes, D., Griffiths, L. R., Wang, G., Pitsiladis, Y., Pigozzi, F., Bachl, N. & Eynon, N., 15 Nov 2017, In : BMC Genomics. 18, S8

The Role of Platelet-Rich Plasma in Muscle Healing

Borrione, P., Fagnani, F., Di Gian Francesco, A., Mancini, A., Pigozzi, F. & Pitsiladis, Y., 15 Nov 2017, In : Current Sports Medicine Reports. 16, 6, p. 459-463 5 p.

COL5A1 gene variants previously associated with reduced soft tissue injury risk are associated with elite athlete status in rugby

Heffernan, S. M., Kilduff, L. P., Erskine, R. M., Day, S. H., Stebbings, G. K., Cook, C. J., Raleigh, S. M., Bennett, M. A., Wang, G., Collins, M., Pitsiladis, Y. & Williams, A. G., 14 Nov 2017, In : BMC Genomics. 18, S8

Physical activity in the prevention of human diseases: role of epigenetic modifications

Grazioli, E., Dimauro, I., Mercatelli, N., Wang, G., Pitsiladis, Y., Di Luigi, L. & Caporossi, D., 14 Nov 2017, In : BMC Genomics. 18, S8

Preface: genomics and biology of exercise is undergoing a paradigm shift

Eynon, N., Voisin, S., Lucia, A., Wang, G. & Pitsiladis, Y., 14 Nov 2017, In : BMC Genomics. 18, S8

The gene SMART study: method, study design, and preliminary findings

Yan, X., Papadimitriou, I. D., Eynon, N., Kuang, J., Munson, F., Tirosh, O., O'Keefe, L., Griffiths, L. R., Ashton, K. J., Byrne, N., Pitsiladis, Y. & Bishop, D. J., 14 Nov 2017, In : BMC Genomics. 18, S8

Validation of whole-blood transcriptome signature during microdose recombinant human erythropoietin (rHuEpo) administration

Wang, G., Durussel, J., Shurlock, J., Fuku, N., Mooses, M., Bruinvels, G., Pedlar, C., Burden, R., Murray, A., Yee, B., Keenan, A., McClure, J. D., Sottas, P-E. & Pitsiladis, Y., 14 Nov 2017, In : BMC Genomics. 18, S8

Why nature prevails over nurture in the making of the elite athlete

Georgiades, E., Klissouras, V., Baulch, J., Wang, G. & Pitsiladis, Y., 14 Nov 2017, In : BMC Genomics. 18, S8

Foot Structure and Function in Habitually Barefoot and Shod Adolescents in Kenya

Aibast, H., Okutoyi, P., Sigei, T. K., Adero, W., Chemjor, D., Ongaro, N., Fuku, N., Konstabel, K., Clark, C., Lieberman, D. E. & Pitsiladis, Y., 1 Nov 2017, In : Current Sports Medicine Reports. 16, 6, p. 448-458 11 p.

Replacement of Doped Olympic Medalists

Geistlinger, M., Bachl, N., Pigozzi, F. & Pitsiladis, Y., 2 Oct 2017, In : Current Sports Medicine Reports. 16, 5, p. 307-308 2 p.

Response: Make Sport Great Again: The Use and Abuse of the Therapeutic Use Exemptions Process

Pitsiladis, Y., Wang, G., Lacoste, A., Schneider, C., Smith, A. D., Di Gianfrancesco, A. & Pigozzi, F., 29 Sep 2017, In : Current Sports Medicine Reports. 16, 5, p. 371-372 2 p.

Born to run: our future depends on it

Santos-Lozano, A., Lucia, A., Ruilope, L. & Pitsiladis, Y., 12 Aug 2017, In : Lancet. 390, 10095, p. 635-636 2 p.

The role of a FADS1 polymorphism in the association of fatty acid blood levels, BMI and blood pressure in young children - Analyses based on path models

Wolters, M., Dering, C., Siani, A., Russo, P., Kaprio, J., Rise, P., Moreno, L. A., De Henauw, S., Mehlig, K., Pitsiladis, Y., Veidebaum, T., Molnár, D., Tornaritis, M., Iacoviello, L., Galli, C., Foraita, R. & Börnhorst, C., 21 Jul 2017, In : PLoS ONE. 12, 7

Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness

Willems, S. M., Wright, D. J., Day, F. R., Trajanoska, K., Joshi, P. K., Morris, J. A., Matteini, A., Garton, F. C., Grarup, N. & Pitsiladis, Y., 12 Jul 2017, In : Nature Communications. 8

A Holistic Antidoping Approach for a Fairer Future for Sport

Pitsiladis, Y., Ferriani, I., Geistlinger, M., de Hon, O., Bosch, A. & Pigozzi, F., 1 Jul 2017, In : Current Sports Medicine Reports. 16, 14, p. 222-224 3 p.

Next generation "Omics" Approaches in the "Fight" against blood doping

Wang, G., Karanikolou, A., Verdouka, I., Friedmann, T. & Pitsiladis, Y., 1 Jun 2017, *Acute Topics in Anti-doping*. Rabin, O. & Pitsiladis, Y. (eds.). Basel: Karger, Vol. 62. p. 119-128 10 p. (Medicine and Sport Science).

Make Sport Great Again: The Use and Abuse of the Therapeutic Use Exemptions Process

Pitsiladis, Y., Wang, G., Lacoste, A., Schneider, C., Smith, A. D., Di Gianfrancesco, A. & Pigozzi, F., 12 May 2017, In : Current Sports Medicine Reports. 16, 3, p. 123-125 3 p.

The role of neuromedin U in adiposity regulation. Haplotype analysis in European children from the IDEFICS Cohort

Gianfagna, F., Grippi, C., Ahrens, W., Bailey, M. E. S., Börnhorst, C., De Henauw, S., Foraita, R., Koni, A. C., Krogh, V., Marild, S., Molnár, D., Moreno, L. A., Pitsiladis, Y., Russo, P., Siani, A., Tornaritis, M., Veidebaum, T. & Iacoviello, L., 24 Feb 2017, In : PLoS ONE. 12, 2

Fat mass and obesity associated (FTO) gene influences skeletal muscle phenotypes in non-resistance trained males and elite rugby playing position

Heffernan, S. M., Stebbings, G. K., Kilduff, L. P., Erskine, R. M., Day, S. H., Morse, C. I., McPhee, J. S., Cook, C. J., Vance, B., Ribbans, W. J., Raleigh, S. M., Roberts, C., Bennett, M. A., Wang, G., Collins, M., Pitsiladis, Y. & Williams, A. G., 19 Jan 2017, In : BMC Genetics. 18, 4

Letter to the editor: a genetic-based algorithm for personalized resistance training

Pitsiladis, Y. & Wang, G., 11 Nov 2016, In : Biology of Sport. 34, p. 31-33 3 p.

Beyond fairness: the biology of inclusion for transgender and intersex athletes

Pitsiladis, Y., Harper, J., Betancurt, J. O., Patiño, M-J. M., Parisi, A., Wang, G. & Pigozzi, F., 1 Oct 2016, In : Current Sports Medicine Reports. 15, 6, p. 386-388 3 p.

A Common Variant and the Transcript Levels of MC4R Gene Are Associated With Adiposity in Children: The IDEFICS Study

Lauria, F., Siani, A., Pico, C., Ahrens, W., Bammann, K., De Henauw, S., Foraita, R., Iacoviello, L., Kourides, Y. & Pitsiladis, Y., 1 Sep 2016, In : Journal of Clinical Endocrinology & Metabolism. 101, 11, p. 4229-4236 8 p.

The impact of familial, behavioural and psychosocial factors on the SES gradient for childhood overweight in Europe. A longitudinal study

Bammann, K., Gwozdz, W., Pischke, C., Fernandez-Alvira, J. M., De Henauw, S., Moreno, L. A., Pitsiladis, Y., Reisch, L., Veidebaum, T. & Pigeot, I., 16 Aug 2016, In : International Journal of Obesity. 41, 1, p. 54-60 7 p.

Tour de France champions born or made: where do we take the genetics of performance?

Moran, C. N. & Pitsiladis, Y., 6 Aug 2016, In : Journal of Sports Sciences. 35, 14, p. 1411-1419 9 p.

Impact of blood transfusion on gene expression in human reticulocytes

Salamin, O., Barras, L., Robinson, N., Baume, N., Tissot, J-D., Pitsiladis, Y., Saugy, M. & Leuenberger, N., 20 Jul 2016, Wiley : Wiley-Blackwell.

The future of genomic research in athletic performance and adaptation to training

Wang, G., Tanaka, M., Eynon, N., North, K. N., Williams, A. G., Collins, M., Moran, C. N., Britton, S. L., Fuku, N., Ashley, E., Klissouras, V., Lucia, A., Ahmetov, I. I., Geus, E. D., Alsayrafi, M. & Pitsiladis, Y., 30 Jun 2016, *Genetics and sports*. Posthumus, M. & Collins, M. (eds.). Basel, Switzerland: Karger, Vol. 61. p. 55-67 13 p.

The AGTR2 rs11091046 polymorphism is associated with elite Japanese and Jamaican sprint/power athlete

Yvert, T., Zempo, H., Kikuchi, N., Miyamoto-Mikami, E., Wang, G., Murakami, H., Naito, H., Motohiko, M., Pitsiladis, Y. & Fuku, N., 3 Jun 2016, p. 730-730. 1 p.

The effects of creatine supplementation on thermoregulation and physical (cognitive) performance: a review and future prospects

Twycross-Lewis, R., Kilduff, L. P., Wang, G. & Pitsiladis, Y., 16 Apr 2016, In : *Amino Acids*. 48, 8, p. 1843-1855 13 p.

ACTN3 R577X and ACE I/D gene variants influence performance in elite sprinters: a multi-cohort study

Papadimitriou, I. D., Lucia, A., Pitsiladis, Y., Pushkarev, V. P., Dyatlov, D. A., Orekhov, E. F., Artioli, G. G., Guilherme, J. P. F. L., Lancha Jr, A. H., Ginevičienė, V., Cieszczyk, P., Maciejewska-Karłowska, A., Sawczuk, M., Muniesa, C. A., Kouvatsi, A., Massidda, M., Calò, C. M., Garton, F. C., Houweling, P. J., Wang, G. & 7 others, Austin, K., Druzhevskaya, A. M., Astratenkova, I. V., Ahmetov, I. I., Bishop, D. J., North, K. N. & Eynon, N., 13 Apr 2016, In : *BMC Genomics*. 17, 1, p. 1-8 8 p.

No evidence of a common DNA variant profile specific to world class endurance athletes

Rankinen, T., Fuku, N., Wolfarth, B., Wang, G., Sarzynski, M. A., Alexeev, D. G., Ahmetov, I. I., Boulay, M. R., Cieszczyk, P., Eynon, N., Filipenko, M. L., Garton, F. C., Generozov, E. V., Govorun, V. M., Houweling, P. J., Kawahara, T., Kostyukova, E. S., Kulemin, N. A., Larin, A. K., Maciejewska-Karłowska, A. & 19 others, Miyachi, M., Muniesa, M., Murakami, H., Ospanova, E. A., Padmanabhan, S., Pavlenko, A. W., Pyankova, O. N., Santiago, C., Sawczuk, M., Scott, R. A., Uyba, V. V., Yvert, T., Perusse, L., Ghosh, S., Rauramaa, R., North, K. N., Lucia, A., Pitsiladis, Y. & Bouchard, C., 29 Jan 2016, In : *PLoS ONE*. 11, 1, p. 1-24 24 p.

Advancing sports and exercise genomics: moving from hypothesis-driven single study approaches to large multi-omics collaborative science

Tanaka, M., Wang, G. & Pitsiladis, Y., 26 Jan 2016, In : *Physiological Genomics*. 48, 3, p. 173-174 2 p.

Association of ACTN3 R577X but not ACE I/D gene variants with elite rugby union player status and playing position

Heffernan, S. M., Kilduff, L. P., Erskine, R. M., Day, S. H., McPhee, J. S., McMahon, G. E., Stebbings, G. K., Neale, J. P., Lockett, S. J., Ribbans, W. J., Cook, C. J., Vance, B., Raleigh, S. M., Roberts, C., Bennett, M. A., Wang, G., Collins, M., Pitsiladis, Y. & Williams, A. G., 12 Jan 2016, In : *Physiological Genomics*. 48, 3, p. 196-201 6 p.

The blood transcriptional signature of recombinant human erythropoietin administration and implications for anti-doping strategies

Durussel, J., Haile, D. W., Mooses, K., Daskalaki, E., Beattie, W., Mooses, M., Mekonen, W., Ongaro, N., Anjila, E., Patel, R. K., Padmanabhan, N., McBride, M. W., McClure, J. D. & Pitsiladis, Y., 12 Jan 2016, In : *Physiological Genomics*. 48, 3, p. 202-209 8 p.

Letter to the editor

Mooses, M., Mooses, K., Haile, D. W., Durussel, J., Kaasik, P. & Pitsiladis, Y., 1 Jan 2016, In : *Journal of Sports Sciences*. 34, 1, p. 99-100 2 p.

The Athlome Project Consortium: a concerted effort to discover genomic and other "OMIC" markers of athletic performance

Pitsiladis, Y., Tanaka, M., Eynon, N., Bouchard, C., North, K. N., Williams, A. G., Collins, M., Moran, C. N., Britton, S. L., Fuku, N., Ashley, E., Klissouras, V., Lucia, A., Ahmetov, I. I., Geus, E. D. & Alsayrafi, M., 29 Dec 2015, In : *Physiological Genomics*. 48, 3, p. 183-190 8 p.

Physical fitness differences between rural and urban children from western Kenya

Castillo, E. R., Sang, M. K., Sigei, T. K., Dingwall, H. L., Okutoyi, P., Ojiambo, R., Otarola-Castillo, E., Pitsiladis, Y. & Lieberman, D. E., 28 Dec 2015, In : American Journal of Human Biology. 28, 4, p. 514-523 10 p.

Effectiveness of the IDEFICS intervention on objectively measured physical activity and sedentary time in European children

Verbestel, V., De Henauw, S., Barba, G., Eiben, G., Gallois, K., Hadjigeorgiou, C., Konstabel, K., Maes, L., Marild, S., Molnár, D., Moreno, L. A., Oja, L., Pitsiladis, Y., Ahrens, W., Pigeot, I. & De Bourdeaudhuij, I., 1 Dec 2015, In : Obesity Reviews. 16, S2, p. 57-67 11 p.

Influence of ADRB2 Gln27Glu and ADRB3 Trp64Arg polymorphisms on body weight and body composition changes after a controlled weight-loss intervention

Szendrei, B., González-Lamuño, D., Amigo, T., Wang, G., Pitsiladis, Y., Benito, P. J., Gomez-Candela, C., Calderón, F. J. & Cupeiro, R., 25 Nov 2015, In : Applied Physiology, Nutrition, and Metabolism. 41, 3, p. 307-314 8 p.

Direct-to-consumer genetic testing for predicting sports performance and talent identification: consensus statement

Webborn, A., Williams, A., McNamee, M., Bouchard, C., Pitsiladis, Y., Ahmetov, I. I., Ashley, E., Byrne, N., Camporesi, S., Collins, M., Dijkstra, P., Eynon, N., Fuku, N., Garton, F. C., Hoppe, N., Holm, S., Kaye, J., Klissouras, V., Lucia, A., Maase, K. & 4 others, Moran, C. N., North, K. N., Pigozzi, F. & Wang, G., 18 Nov 2015, In : British Journal of Sports Medicine. 49, p. 1486-1491 6 p.

Impact of physical activity, sedentary behaviour and muscle strength on bone stiffness in 2–10-year-old children—crosssectional results from the IDEFICS study

Herrmann, D., Buck, C., Sioen, I., Kourides, Y., Marild, S., Molnár, D., Mouratidou, T., Pitsiladis, Y., Russo, P., Veidebaum, T. & Ahrens, W., 17 Sep 2015, In : International Journal of Behavioral Nutrition and Physical Activity. 12, 112, p. 1-12 12 p.

Small RNA sequencing of red blood cell specific miRNAs reveals expression changes after 6 weeks of recombinant EPO (rEPO) administration in healthy recreational athletes

Neuberger, E., Mooses, M., Durussel, J., Wang, J., Lees, M., Mooses, K., Brahmer, A., Wang, G., Pitsiladis, Y. & Perikles, S., 31 Aug 2015, p. 0-0. 1 p.

Variation in foot strike patterns among habitually barefoot and shod runners in Kenya

Lieberman, D. E., Castillo, E. R., Otarola-Castillo, E., Sang, M. K., Sigei, T. K., Ojiambo, R., Okutoyi, P. & Pitsiladis, Y., 8 Jul 2015, In : PLoS ONE. 10, 7

The effects of hyperhydrating supplements containing creatine and glucose on plasma lipids and insulin sensitivity in endurance-trained athletes

Poliviou, T. P., Pitsiladis, Y., Celis-Morales, C., Brown, B., Speakman, J. R. & Malkova, D., 31 May 2015, In : Journal of Amino Acids. 2015

Genomics in rugby union: a review and future prospects

Heffernan, S. M., Kilduff, L. P., Day, S. H., Pitsiladis, Y. & Williams, A. G., 23 Mar 2015, In : European Journal of Sport Science. 15, 6, p. 460-468 9 p.

Dietary intake, FTO genetic variants, and adiposity: a combined analysis of over 16,000 children and adolescents

Qi, Q., Downer, M. K., Kilpeläinen, T. O., Taal, H. R., Barton, S. J., Ntalla, I., Standl, M., Boraska, V., Huikari, V., Kieffe-de Jong, J. C., Körner, A., Lakka, T. A., Liu, G., Magnusson, J., Okuda, M., Raitakari, O., Richmond, R., Scott, R. A., Bailey, M. E. S., Scheuermann, K. & 22 others, Holloway, J. W., Inskip, H., Isasi, C. R., Mossavar-Rahmani, Y., Jaddoe, V. W. V., Laitinen, J., Lindi, V., Melén, E., Pitsiladis, Y., Pitkänen, N., Snieder, H., Heinrich, J., Timpson, N. J., Wang, T., Yuji, H., Zeggini, E., Dedoussis, G. V., Kaplan, R. C., Wylie-Rosett, J., Loos, R. J. F., Hu, F. B. & Qi, L., 26 Feb 2015, In : Diabetes. 64, 7, p. 2467-2476 10 p.

Incidence of high blood pressure in children — effects of physical activity and sedentary behaviors: The IDEFICS study: high blood pressure, lifestyle and children

de Moraes, A. C., Carvalho, H. B., Siani, A., Barba, G., Veidebaum, T., Tornaritis, M., Molnár, D., Ahrens, W., Wirsik, N., De Henauw, S., Marild, S., Lissner, L., Konstabel, K., Pitsiladis, Y. & Moreno, L. A., 1 Feb 2015, In : International Journal of Cardiology. 180, 1, p. 165-170 6 p.

Dissociation between running economy and running performance in elite Kenyan distance runners

Mooses, M., Mooses, K., Haile, D. W., Durussel, J., Kaasik, P. & Pitsiladis, Y., 1 Jan 2015, In : Journal of Sports Sciences. 33, 2, p. 136-144 9 p.

Does the FTO gene interact with the socioeconomic status on the obesity development among young European children? Results from the IDEFICS study

Foraita, R., Günther, F., Gwozdz, W., Reisch, L., Russo, P., Lauria, F., Siani, A., Veidebaum, T., Tornaritis, M., Iacoviello, L., Vyncke, K., Pitsiladis, Y., Marild, S., Molnár, D., Moreno, L. A., Bammann, K. & Pigeot, I., 1 Jan 2015, In : International Journal of Obesity. 39, p. 1-6 6 p.

Using hidden markov models to improve quantifying physical activity in accelerometer data - a simulation study

Witowski, V., Foraita, R., Pitsiladis, Y., Pigeot, I. & Wirsik, N., 2 Dec 2014, In : PLoS ONE. 9, 12

Objective measures of the built environment and physical activity in children: from walkability to moveability

Buck, C., Tkaczick, T., Pitsiladis, Y., De Bourdeaudhuij, I., Reisch, L., Ahrens, W. & Pigeot, I., 8 Nov 2014, In : Journal of Urban Health. 92, 1, p. 24-38 15 p.

Objectively measured physical activity in European children: the IDEFICS study

Konstabel, K., Veidebaum, T., Verbestel, V., Moreno, L. A., Bammann, K., Tornaritis, M., Eiben, G., Molnár, D., Siani, A., Sprengeler, O., Wirsik, N., Ahrens, W. & Pitsiladis, Y., 1 Sep 2014, In : International Journal of Obesity. 38, S2

Physical fitness reference standards in European children: the IDEFICS study

De Miguel-Etayo, P., Gracia-Marco, L., Ortega, F. B., Intemann, T., Foraita, R., Lissner, L., Oja, L., Barba, G., Michels, N., Tornaritis, M., Molnár, D., Pitsiladis, Y., Ahrens, W. & Moreno, L. A., 1 Sep 2014, In : International Journal of Obesity. 38

Are context-specific measures of parental-reported physical activity and sedentary behaviour associated with accelerometer data in 2-9-year-old European children?

Verbestel, V., De Henauw, S., Bammann, K., Barba, G., Hadjigeorgiou, C., Eiben, G., Konstabel, K., Kovács, E., Pitsiladis, Y., Reisch, L., Santaliestra-Pasías, A. M., Maes, L., De Bourdeaudhuij, I. & IDEFICS consortium, 2 Jun 2014, In : Public Health Nutrition. 18, 5, p. 860-868 9 p.

GWAS of Elite Jamaican, African American and Japanese Sprint Athletes

Wang, G., Padmanabhan, S., Mikami, E., Fuku, N., Masashi, T., Motohiko, M., Murakami, H., Yu-Ching, C., Mitchell, B., Krista, A. G. & Pitsiladis, Y., 31 May 2014, In : Medicine and science in sports and exercise. 46, 5S, p. 596-598 3 p.

An integrative 'Omics' solution to the detection of recombinant human erythropoietin and blood doping

Pitsiladis, Y., Durussel, J. & Rabin, O., 1 May 2014, In : British Journal of Sports Medicine. 48, p. 856-861 6 p.

Challenges and threats to implementing the fight against doping in sport

Dvorak, J., Saugy, M. & Pitsiladis, Y., 1 May 2014, In : British Journal of Sports Medicine. 48, p. 807-809 3 p.

Time for change: a roadmap to guide the implementation of the World Anti-Doping Code 2015

Dvorak, J., Baume, N., Botré, F., Broséus, J., Budgett, R., Frey, W. O., Geyer, H., Harcourt, P. R., Ho, D., Howman, D., Isola, V., Lundby, C., Marclay, F., Peytavin, A., Pipe, A., Pitsiladis, Y., Reichel, C., Robinson, N., Rodchenkov, G., Saugy, M. & 7 others, Sayegh, S., Segura, J., Thevis, M., Vernec, A., Viret, M., Vouillamoz, M. & Zorzoli, M., 1 May 2014, In : British Journal of Sports Medicine. 48, 10, p. 801-806 6 p.

Blood gene expression profiles of trained athletes in response to altitude exposure and differentiation from rHuEpo doping

Bruinvels, G., Durussel, J., McClure, J. D., McBride, M. W., Wondimu, D. H., Wang, G., Mooses, M., Mooses, K., Wang, J., Murray, A. & Pitsiladis, Y., 31 Mar 2014, p. 60-62. 3 p.

Circulating microRNAs as biomarkers for recombinant human erythropoietin (r-HuEPO) doping detection

Wang, G., Neuberger, E., Perikles, S., Durussel, J., McClure, J. D., McBride, M. W. & Pitsiladis, Y., 31 Mar 2014, p. 138-140. 3 p.

ACTN3 R577X genotype is associated with sprinting in elite Japanese athletes

Mikami, E., Fuku, N., Murakami, H., Tsuchie, H., Takahashi, H., Ohiwa, N., Tanaka, H., Pitsiladis, Y., Higuchi, M., Miyachi, M., Kawahara, T. & Tanaka, M., 1 Jan 2014, In : International Journal of Sports Medicine. 35, 2, p. 172-177 6 p.

Aerobic capacity, activity levels and daily energy expenditure in male and female adolescents of the Kenyan Nandi subgroup

Gibson, A. R., Ojiambo, R., Konstabel, K., Lieberman, D. E., Reilly, J. J., Speakman, J. R. & Pitsiladis, Y., 31 Dec 2013, In : PLoS ONE. 8, 6

Physical activity and clustered cardiovascular disease risk factors in young children: a cross-sectional study (the IDEFICS study)

Jiménez-Pavón, D., Konstabel, K., Bergman, P., Ahrens, W., Pohlabeln, H., Hadjigeorgiou, C., Siani, A., Iacoviello, L., Molnár, D., De Henauw, S., Pitsiladis, Y. & Moreno, L. A., 31 Dec 2013, In : BMC Medicine. 11, 172

Comprehensive analysis of common and rare mitochondrial DNA variants in elite Japanese athletes: a case-control study

Mikami, E., Fuku, N., Kong, Q. P., Takahashi, H., Ohiwa, N., Murakami, H., Miyachi, M., Higuchi, M., Tanaka, M., Pitsiladis, Y. & Kawahara, T., 1 Dec 2013, In : Journal of Human Genetics. 58, p. 780-787 8 p.

Genomics of elite sporting performance: what little we know and necessary advances

Wang, G., Padmanabhan, S., Wolfarth, B., Fuku, N., Lucia, A., Ahmetov, I. I., Cieszczyk, P., Collins, M., Eynon, N., Klissouras, V., Williams, A. & Pitsiladis, Y., 1 Nov 2013, In : Advances in Human Genetics. 84, p. 123-149 27 p.

Polymorphisms in the control region of mitochondrial DNA associated with elite Japanese athlete status

Mikami, E., Fuku, N., Takahashi, H., Ohiwa, N., Pitsiladis, Y., Higuchi, M., Kawahara, T. & Tanaka, M., 31 Oct 2013, In : Scandinavian Journal of Medicine and Science in Sports. 23, 5, p. 593-599 7 p.

The West African ethnicity of the enslaved in Jamaica

Newman, S. P., Deason, M., Pitsiladis, Y., Salas, A. & Macaulay, V. A., 1 Aug 2013, In : Slavery & Abolition. 34, 3, p. 376-400 25 p.

Understanding the links among neuromedin U gene, beta2-adrenoceptor gene and bone health: an observational study in European children

Gianfagna, F., Cugino, D., Ahrens, W., Bailey, M. E. S., Bammann, K., Herrmann, D., Koni, A. C., Kourides, Y., Marild, S., Molnár, D., Moreno, L. A., Pitsiladis, Y., Russo, P., Siani, A., Sieri, S., Sioen, I., Veidebaum, T. & Iacoviello, L., 1 Aug 2013, In : PLoS ONE. 8, 8

Free-living physical activity and energy expenditure of rural children and adolescents in the Nandi region of Kenya

Ojiambo, R., Gibson, A. R., Konstabel, K., Lieberman, D. E., Speakman, J. R., Reilly, J. J. & Pitsiladis, Y., 31 Jul 2013, In : Annals of Human Biology. 40, 4, p. 318-323 6 p.

Genomics of elite sporting performance: what little we know and necessary advances

Pitsiladis, Y., Wang, G., Wolfarth, B., Scott, R., Fuku, N., Mikami, E., He, Z., Fiuza-Luces, C., Eynon, N. & Lucia, A., 30 Jun 2013, In : British Journal of Sports Medicine. 47, 9, p. 550-555 6 p.

Association analysis of ACE and ACTN3 in elite Caucasian and East Asian swimmers

Wang, G., Mikami, E., Chiu, L-L., De Perini, A., Deason, M., Fuku, N., Miyachi, M., Kaneoka, K., Murakami, H., Tanaka, M., Hsieh, L-L., Hsieh, S. S., Caporossi, D., Pigozzi, F., Hilley, A., Lee, R., Galloway, S. D. R., Gulbin, J., Rogozkin, V. A., Ahmetov, I. I. & 6 others, Yang, N., North, K. N., Ploutarhos, S., Montgomery, H. E., Bailey, M. E. S. & Pitsiladis, Y., 31 May 2013, In : Medicine and science in sports and exercise. 45, 5, p. 892-900 9 p.

Validation of anthropometry and foot-to-foot bioelectrical resistance against a three-component model to assess total body fat in children: the IDEFICS study

Bammann, K., Huybrechts, I., Vicente-Rodriguez, G., Easton, C., De Vriendt, T., Marild, S., Mesana, M. I., Peeters, M. W., Reilly, J. J., Sioen, I., Tubic, B. M., Wawro, N., Wells, J. C., Westerterp, K., Pitsiladis, Y. & Moreno, L. A., 30 Apr 2013, In : International Journal of Obesity. 37, 4, p. 520-526 7 p.

Determinants of attrition to follow up in a multi-centre cohort study in children – results from the IDEFICS Study

Hense, S., Pohlabeln, H., Michels, N., Marild, S., Lissner, L., Kovacs, E., Moreno, L. A., Hadjigeorgiou, C., Veidebaum, T., Iacoviello, L., Pitsiladis, Y., Reisch, L., Siani, A. & Ahrens, W., 1 Apr 2013, In : Epidemiology Research International. p. 1-9 9 p.

Polymorphisms of matrix metalloproteinase gene and adiposity indices in European children: results of the IDEFICS study

Cugino, D., Gianfagna, F., Ahrens, W., De Henauw, S., Koni, A. C., Marild, S., Molnár, D., Moreno, L. A., Pitsiladis, Y., Russo, P., Siani, A., Tornaritis, M., Veidebaum, T. & Iacoviello, L., 12 Mar 2013, In : International Journal of Obesity. 37, 12, p. 1539-1544 6 p.

Haemoglobin mass and running time trial performance after recombinant human erythropoietin administration in trained men

Durussel, J., Daskalaki, E., Anderson, M., Chatterji, T., Wondimu, D. H., Padmanabhan, N., Patel, R. K., McClure, J. D. & Pitsiladis, Y., 13 Feb 2013, In : PLoS ONE. 8, 2

Precision of the optimized carbon monoxide rebreathing method to determine total haemoglobin mass and blood volume

Durussel, J., Ross, R., Kodi, P., Daskalaki, E., Pantazis, T., Wilson, J., Kayser, B. & Pitsiladis, Y., 1 Jan 2013, In : European Journal of Sport Science. 13, 1, p. 68-77 10 p.

Stability of the K4b 2 portable metabolic analyser during rest, walking and running

Howe, C. C. F., Matzko, R. O., Piasek, F., Pitsiladis, Y. & Easton, C., 1 Jan 2013, In : Journal of Sports Sciences.

Interdisciplinary approach to the demography of Jamaica

Deason, M., Salas, A., Newman, S. P., Macaulay, V. A., Morrison, E. Y. & Pitsiladis, Y., 31 Dec 2012, In : BMC Evolutionary Biology. 12, 24

Prospective analysis of the association of a common variant of FTO (rs9939609) with adiposity in children: results of the IDEFICS study

Lauria, F., Siani, A., Bammann, K., Foraita, R., Huybrechts, I., Iacoviello, L., Koni, A. C., Kourides, Y., Marild, S., Molnar, D., Moreno, L. A., Pigeot, I., Pitsiladis, Y., Veidebaum, T. & Russo, P., 31 Dec 2012, In : PLoS ONE. 7, 11

Thermoregulatory and cardiovascular responses to creatine, glycerol and alpha lipoic acid in trained cyclists

Polyviou, T. P., Pitsiladis, Y., Lee, W. C., Pantazis, T., Hambly, C., Speakman, J. R. & Malkova, D., 31 Dec 2012, In : Journal of the International Society of Sports Nutrition. 9

Validity of hip-mounted uniaxial accelerometry with heart-rate monitoring vs. triaxial accelerometry in the assessment of free-living energy expenditure in young children: the IDEFICS Validation Study

Ojiambo, R., Konstabel, K., Veidebaum, T., Reilly, J. J., Verbestel, V., Huybrechts, I., Sioen, I., Casajús, J. A., Moreno, L. A., Vicente-Rodriguez, G., Bammann, K., Tubic, B. M., Marild, S., Pitsiladis, Y. & Westerterp, K., 30 Nov 2012, In : Journal of Applied Physiology. 113, 10, p. 1530-1536 7 p.

Effects of glycerol and creatine hyperhydration on doping-relevant blood parameters

Polyviou, T. P., Easton, C., Beis, L., Malkova, D., Takas, P., Hambly, C., Speakman, J. R., Koehler, K. & Pitsiladis, Y., 30 Sep 2012, In : Nutrients. 4, 9, p. 1171-1186 16 p.

No evidence to support sacrificing economy to improve running performance in the ideal ultramarathoner

Pitsiladis, Y., 31 Aug 2012, In : Journal of Applied Physiology (Bethesda, Md. : 1985). 113, 3, p. 510-512 3 p.

To drink or not to drink to drink recommendations: the evidence

Pitsiladis, Y. & Beis, L., 18 Jul 2012, In : *BMJ*. 345

Kenyan and Ethiopian distance runners: what makes them so good?

Wilber, R. L. & Pitsiladis, Y., 1 Jun 2012, In : *International Journal of Sports Physiology and Performance*. 7, p. 92-102 11 p.

Drinking behaviors of elite male runners during marathon competition

Beis, L., Wright-Whyte, M., Fudge, B., Noakes, T. & Pitsiladis, Y., 31 May 2012, In : *Clinical Journal of Sport Medicine*. 22, 3, p. 254-261 8 p.

Importance of mitochondrial haplotypes and maternal lineage in sprint performance among individuals of West African ancestry

Deason, M., Scott, R. A., Irwin, L., Macaulay, V. A., Fuku, N., Tanaka, M., Irving, R., Charlton, V., Morrison, E., Austin, K. & Pitsiladis, Y., 30 Apr 2012, In : *Scandinavian Journal of Medicine and Science in Sports*. 22, 2, p. 217-223 7 p.

Hydration assessment during long distance running

Beis, L. & Pitsiladis, Y., 19 Apr 2012, *Encyclopedia of exercise medicine in health and disease*. Mooren, F. C. (ed.). London, UK: Springer, p. 529-532 4 p.

Why glucocorticosteroids should remain in the list of prohibited substances: a sports medicine viewpoint

Pigozzi, F., Di Gianfrancesco, A., Zorzoli, M., Bachl, N., McDonagh, D., Cumiskey, J., Di Luigi, L., Pitsiladis, Y. & Borrione, P., 31 Mar 2012, In : *International Journal of Immunopathology and Pharmacology*. 25, 1, p. 19-24 6 p.

Effect of urbanization on objectively measured physical activity levels, sedentary time, and indices of adiposity in Kenyan adolescents

Ojiambo, R., Easton, C., Casajús, J. A., Konstabel, K., Reilly, J. J. & Pitsiladis, Y., 31 Jan 2012, In : *Journal of Physical Activity and Health*. 9, 1, p. 115-123 9 p.

'White' men can't run: where is the scientific evidence?

Pitsiladis, Y., Irving, R., Charlton, V. & Scott, R. A., 1 Jan 2012, *The anthropology of sport and human movement: a biocultural perspective*. Sands, R. R. & Sands, L. R. (eds.). New York, USA: Lexington Books, p. 243-262 20 p.

Food and macronutrient intake of elite Ethiopian distance runners

Beis, L., Willkomm, L., Ross, R., Bekele, Z., Wolde, B., Fudge, B. & Pitsiladis, Y., 31 Dec 2011, In : *Journal of the International Society of Sports Nutrition*. 8, 7

Mitochondrial haplogroups associated with elite Japanese athlete status

Mikami, E., Fuku, N., Takahashi, H., Ohiwa, N., Scott, R. A., Pitsiladis, Y., Higuchi, M., Kawahara, T. & Tanaka, M., 31 Dec 2011, In : *British Journal of Sports Medicine*. 45, 15, p. 1179-1183 5 p.

The effects of creatine and glycerol hyperhydration on running economy in well trained endurance runners

Beis, L., Polyviou, T. P., Malkova, D. & Pitsiladis, Y., 31 Dec 2011, In : *Journal of the International Society of Sports Nutrition*. 8, 1

Development and application of a moveability index to quantify possibilities for physical activity in the built environment of children

Buck, C., Pohlabein, H., Huybrechts, I., De Bourdeaudhuij, I., Pitsiladis, Y., Reisch, L. & Pigeot, I., 30 Nov 2011, In : *Health & Place*. 17, 6, p. 1191-1201 11 p.

ACTN3 genotype, athletic status, and life course physical capability: meta-analysis of the published literature and findings from nine studies

Alfred, T., Ben-Shlomo, Y., Cooper, R., Hardy, R., Cooper, C., Deary, I. J., Gunnell, D., Harris, S. E., Kumari, M., Martin, R. M., Moran, C. N., Pitsiladis, Y., Ring, S. M., Sayer, A. A., Smith, G. D., Starr, J. M., Kuh, D. & Day, I. N. M., 30 Sep 2011, In : *Human Mutation*. 32, 9, p. 1008-1018 11 p.

The science of speed: determinants of performance in the 100 m sprint

Pitsiladis, Y., Davis, A. & Johnson, D., 28 Sep 2011, In : International Journal of Sports Science and Coaching. 6, 3, p. 495-498 4 p.

Does a short breastfeeding period protect from FTO-induced adiposity in children?

Dedoussis, G. V., Yannakoulia, M., Timpson, N. J., Manios, Y., Kanoni, S., Scott, R. A., Papoutsakis, C., Deloukas, P., Pitsiladis, Y., Davey-Smith, G., Hirschhorn, J. N. & Lyon, H. N., 30 Jun 2011, In : International Journal of Pediatric Obesity. 6, 2-2

Necessary advances in exercise genomics and likely pitfalls

Pitsiladis, Y. & Wang, G., 31 May 2011, In : Journal of Applied Physiology (Bethesda, Md. : 1985). 110, 5, p. 1150-1151 2 p.

An age-dependent diet-modified effect of thePPAR γ Pro12Ala polymorphism in children

Dedoussis, G. V., Manios, Y., Kourlaba, G., Kanoni, S., Lagou, V., Butler, J., Papoutsakis, C., Scott, R. A., Yannakoulia, M., Pitsiladis, Y., Hirschhorn, J. N. & Lyon, H. N., 30 Apr 2011, In : Metabolism. 60, 4, p. 467-473 7 p.

DNA yield and quality of saliva samples and suitability for large-scale epidemiological studies in children

Koni, A. C., Scott, R. A., Wang, G., Bailey, M. E. S., Peplies, J., Bammann, K. & Pitsiladis, Y., 30 Apr 2011, In : International Journal of Obesity. 35

Design and results of the pretest of the IDEFICS study

Suling, M., Hebestreit, A., Peplies, J., Bammann, K., Nappo, A., Eiben, G., Fernandez-Alvira, J. M., Verbestel, V., Kovacs, K., Pitsiladis, Y., Veidebaum, T., Hadjigeorgiou, C., Knof, K. & Ahrens, W., 30 Apr 2011, In : International Journal of Obesity. 35

Impact of methodological decisions on accelerometer outcome variables in young children

Ojiambo, R., Cuthill, R., Budd, H., Konstabel, K., Casajús, J. A., Gonzalez de Aguero, A., Anjila, E., Reilly, J. J., Easton, C. & Pitsiladis, Y., 30 Apr 2011, In : International Journal of Obesity. 35

No association between ACE gene variation and endurance athlete status in Ethiopians

Ash, G. I., Scott, R. A., Deason, M., Dawson, T. A., Wolde, B., Teka, S., Bekele, Z. & Pitsiladis, Y., 30 Apr 2011, In : Medicine and science in sports and exercise. 43, 4, p. 590-597 8 p.

The IDEFICS cohort: design, characteristics and participation in the baseline survey

Ahrens, W., Bammann, K., Siani, A., Buchecker, K., De Henauw, S., Iacoviello, L., Hebestreit, A., Krogh, K., Lissner, L., Marild, S., Molnár, D., Moreno, L. A., Pitsiladis, Y., Reisch, L., Tornaritis, M., Veidebaum, T. & Pigeot, I., 30 Apr 2011, In : International Journal of Obesity. 35

The IDEFICS validation study on field methods for assessing physical activity and body composition in children: design and data collection

Sioen, I., Huybrechts, I., Casajús, J. A., Vicente-Rodriguez, G., Cuthill, R., Konstabel, K., Tubic, B. M., Wawro, N., Rayson, M., Westerterp, K., Marild, S., Pitsiladis, Y., Reilly, J. J., Moreno, L. A. & De Henauw, S., 30 Apr 2011, In : International Journal of Obesity. 35

Genomics of aerobic capacity and endurance performance: clinical implications

Pitsiladis, Y., Wang, G. & Wolfarth, B., 14 Mar 2011, *Exercise Genomics*. Pescatello, L. S. & Roth, S. M. (eds.). New York, USA: Humana Press, p. 179-230 52 p. (Molecular and Translational Medicine Series).

Failure of glycine-arginine- α -ketoisocaproic acid to improve high-intensity exercise performance in trained cyclists

Beis, L., Mohammad, Y., Easton, C. & Pitsiladis, Y., 28 Feb 2011, In : International Journal of Sport Nutrition and Exercise Metabolism. 21, 1, p. 33-39 7 p.

Ethnic differences in sport performance

Pitsiladis, Y., 7 Jan 2011, *Genetic and Molecular Aspects of Sports Performance*. Bouchard, C. & Hoffman, E. P. (eds.). Oxford, UK: Wiley-Blackwell, Vol. 18. p. 121-132 12 p. (Encyclopedia of Sports Medicine).

Brain serotonergic and dopaminergic modulators, perceptual responses and endurance exercise performance following caffeine co-ingested with a high fat meal in trained humans

Hadjicharalambous, M. P., Kilduff, L. P. & Pitsiladis, Y., 31 Dec 2010, In : *Journal of the International Society of Sports Nutrition*. 7, 22

FTO genotype and adiposity in children: physical activity levels influence the effect of the risk genotype in adolescent males

Scott, R. A., Bailey, M. E. S., Moran, C. N., Wilson, R. H., Fuku, N., Tanaka, M., Tsiokanos, A., Jamurtas, A., Grammatikaki, E., Moschonis, G., Manios, Y. & Pitsiladis, Y., 31 Dec 2010, In : *European Journal of Human Genetics*. 18, 12, p. 1339-1343 5 p.

Evolutionary history of the ADRB2 gene in humans

Wilson, R. J., Moran, C. N., Cole, J. J., Pitsiladis, Y. & Bailey, M. E. S., 12 Mar 2010, In : *American Journal of Human Genetics*. 86, 3, p. 490-493 4 p.

ACTN3 and ACE genotypes in elite Jamaican and US sprinters

Scott, R. A., Irving, R., Irwin, L., Morrison, E. Y., Charlton, V., Austin, K., Tladi, D., Deason, M., Headley, S. A., Kolkhorst, F. W., Yang, N., North, K. N. & Pitsiladis, Y., 31 Jan 2010, In : *Medicine and science in sports and exercise*. 42, 1, p. 107-112 6 p.

Foot strike patterns and collision forces in habitually barefoot versus shod runners

Lieberman, D. E., Venkadesan, M., Werbel, W. A., Daoud, A. I., D'Andrea, S., Davis, I. S., Mang'Eni, R. O. & Pitsiladis, Y., 28 Jan 2010, In : *Nature*. 463, 7280, p. 531-535 5 p.

The effects of a novel "fluid loading" strategy on cardiovascular and haematological responses to orthostatic stress

Easton, C., Calder, A., Prior, F., Dobinson, S., l'Anson, R., MacGregor, R., Mohammad, Y., Kingsmore, D. & Pitsiladis, Y., 30 Apr 2009, In : *European Journal of Applied Physiology and Occupational Physiology*. 105, 6, p. 899-908 10 p.

Mitochondrial haplogroups associated with elite Kenyan athlete status

Scott, R. A., Fuku, N., Onywera, V. O., Boit, M., Wilson, R. H., Tanaka, M., Goodwin, W. H. & Pitsiladis, Y., 31 Jan 2009, In : *Medicine and science in sports and exercise*. 41, 1, p. 123-128 6 p.

Interaction effects between total energy and macronutrient intakes and angiotensin-converting enzyme 1 (ACE) I/D polymorphism on adiposity-related phenotypes in toddlers and preschoolers: the Growth, Exercise and Nutrition Epidemiological Study in preSchoolers:the GENESIS study

Kourlaba, G., Pitsiladis, Y., Lagou, V., Grammatikaki, E., Moran, C. N., Kondaki, K., Roma-Giannikou, E. & Manios, Y., 31 Dec 2008, In : *British Journal of Nutrition*. 100, 6, p. 1333-1340 8 p.

Brain serotonin and dopamine modulators, perceptual responses and endurance performance during exercise in the heat following creatine supplementation

Hadjicharalambous, M. P., Kilduff, L. P. & Pitsiladis, Y., 30 Sep 2008, In : *Journal of the International Society of Sports Nutrition*. 5, 14

Elite Kenyan endurance runners are hydrated day-to-day with ad libitum fluid intake

Fudge, B., Easton, C., Kingsmore, D., Kiplamai, F. K., Onywera, V. O., Westerterp, K., Kayser, B., Noakes, T. D. & Pitsiladis, Y., 30 Jun 2008, In : *Medicine and science in sports and exercise*. 40, 6, p. 1171-1179 9 p.

Impact of peroxisome proliferator-activated receptors γ and δ on adiposity in toddlers and preschoolers in the GENESIS study

Lagou, V., Scott, R. A., Manios, Y., Chen, T. L., Wang, G., Grammatikaki, E., Kortsalioudaki, C., Liarigkovinos, T., Moschonis, G., Roma-Giannikou, E. & Pitsiladis, Y., 30 Apr 2008, In : *Obesity*. 16, 4, p. 913-918 6 p.

Cardiopulmonary responses to treadmill and cycle ergometry exercise in patients with peripheral vascular disease
Turner, S. L., Easton, C., Wilson, J., Byrne, D. S., Rogers, P., Kilduff, L. P. & Pitsiladis, Y., 31 Jan 2008, In : Journal of Vascular Surgery. 47, 1, p. 123-130 8 p.

International Olympic Committee consensus statement: molecular basis of connective tissue and muscle injuries in sport
Ljungqvist, A., Schwelinius, M. P., Bachl, N., Collins, M., Cook, J., Khan, K. M., Maffulli, N., Pitsiladis, Y., Riley, G., Golspink, G., Venter, D., Derman, W., Engebretsen, L. & Volpi, P., 31 Jan 2008, In : Clinics in Sports Medicine. 27, 1, p. 231-239 9 p.

Genotypes and distance running: clues from Africa

Scott, R. A. & Pitsiladis, Y., 31 Dec 2007, In : Sports Medicine. 37, 4-5, p. 424-427 4 p.

The ACTN3 R577X polymorphism in East and West African athletes

Yang, N., MacArthur, D. G., Wolde, B., Onywera, V. O., Boit, M., Lau, S. Y. M., Wilson, R. H., Scott, R. A., Pitsiladis, Y. & North, K. N., 30 Nov 2007, In : Medicine and science in sports and exercise. 39, 11, p. 1985-1988 4 p.

Developmental changes in adiposity in toddlers and preschoolers in the GENESIS study and associations with the ACE I/D polymorphism

Lagou, V., Manios, Y., Moran, C. N., Bailey, M. E. S., Grammatikaki, E., Oikonomou, E., Ioannou, E., Moschonis, G., Wilson, R. H. & Pitsiladis, Y., 31 Jul 2007, In : International Journal of Obesity. 31, 7, p. 1052-1060 9 p.

Creatine and glycerol hyperhydration in trained subjects before exercise in the heat

Easton, C., Turner, S. & Pitsiladis, Y., 28 Feb 2007, In : International Journal of Sport Nutrition and Exercise Metabolism. 17, 1, p. 70-91 22 p.

Rectal, telemetry pill and tympanic membrane thermometry during exercise heat stress

Easton, C., Fudge, B. W. & Pitsiladis, Y., 1 Feb 2007, In : Journal of Thermal Biology. 32, 2, p. 78-86 9 p.

Association analysis of the ACTN3R577X polymorphism and complex quantitative body composition and performance phenotypes in adolescent Greeks

Moran, C. N., Yang, N., Bailey, M. E. S., Tsiokanos, A., Jamurtas, A., MacArthur, D. G., North, K. N., Pitsiladis, Y. & Wilson, R. H., 31 Jan 2007, In : European Journal of Human Genetics. 15, 1, p. 88-93 6 p.

Estimation of oxygen uptake during fast running using accelerometry and heart rate

Fudge, B. W., Wilson, J., Easton, C., Irwin, L., Clark, J., Haddow, O., Kayser, B. & Pitsiladis, Y., 31 Jan 2007, In : Medicine and science in sports and exercise. 39, 1, p. 192-198 7 p.

The impact of ACE genotype on serum ACE activity in a black South African male population

Payne, J. R., Dhamrait, S. S., Gohlke, P., Cooper, J., Scott, R. A., Pitsiladis, Y., Humphries, S. E., Rayner, B. & Montgomery, H. E., 31 Jan 2007, In : Annals of Human Genetics. 71, 1, p. 1-7 7 p.

Combined creatine and glycerol hyperhydration and physiological responses during exercise in the heat in endurance-trained humans

Easton, C., Turner, S. & Pitsiladis, Y., 1 Jan 2007, In : International Journal of Sports Nutrition. 17, p. 70-91 22 p.

East African running: toward a cross-disciplinary perspective

Pitsiladis, Y. (ed.), Bale, J. (ed.), Sharp, C. (ed.) & Noakes, T. D. (ed.), 14 Dec 2006, Abingdon, UK: Routledge. 320 p.

Influence of caffeine on perception of effort, metabolism and exercise performance following a high-fat meal

Hadjicharalambous, M., Georgiades, E., Kilduff, L. P., Turner, A. P., Tsofliou, F. & Pitsiladis, Y., 31 Aug 2006, In : Journal of Sports Sciences. 24, 8, p. 875-887 13 p.

Assessment of diet, physical activity and biological, social and environmental factors in a multi-centre European project on diet- and lifestyle-related disorders in children (IDEFICS)

Bammann, K., Peplies, J., Sjostrom, M., Lissner, L., De Henauw, S., Galli, C., Iacoviello, L., Krogh, V., Marild, S., Pigeot, I., Pitsiladis, Y., Pohlmann, H., Reisch, L., Siani, A. & Ahrens, W., 29 Aug 2006, In : Journal of Public Health. 14, 5, p. 279-289 11 p.

Demographic characteristics of elite Kenyan endurance runners

Onywera, V. O., Scott, R. A., Boit, M. & Pitsiladis, Y., 30 Apr 2006, In : Journal of Sports Sciences. 24, 4, p. 415-422 8 p.

The associations of ACE polymorphisms with physical, physiological and skill parameters in adolescents

Moran, C. N., Vassilopoulos, C., Tsiokanos, A., Jamurtas, A., Bailey, M. E. S., Montgomery, H., Wilson, R. H. & Pitsiladis, Y., 31 Mar 2006, In : European Journal of Human Genetics. 14, 3, p. 332-339 8 p.

Evidence of negative energy balance using doubly labelled water in elite Kenyan endurance runners prior to competition

Fudge, B. W., Westertep, K., Kiplamai, F. K., Onywera, V. O., Boit, M., Kayser, B. & Pitsiladis, Y., 31 Jan 2006, In : British Journal of Nutrition. 95, 1, p. 59-66 8 p.

Genetics and the success of East African distance runners

Scott, R. A. & Pitsiladis, Y., 1 Jan 2006, In : International Sportmed Journal. 7, 3, p. 172-186 15 p.

Acute effects of a single exercise class on appetite, energy intake and mood. Is there a time of day effect?

Maraki, M., Tsofliou, F., Pitsiladis, Y., Malkova, D., Mutrie, N. & Higgins, S., 31 Dec 2005, In : Appetite. 45, 3, p. 272-278 7 p.

Essay: the makings of the perfect athlete

Pitsiladis, Y. & Scott, R. A., 31 Dec 2005, In : Lancet. 366, S1

Effects of interaction between angiotensin I-converting enzyme polymorphisms and lifestyle on adiposity in adolescent Greeks

Moran, C. N., Vassilopoulos, C., Tsiokanos, A., Jamurtas, A., Bailey, M. E. S., Wilson, R. H. & Pitsiladis, Y., 30 Sep 2005, In : Obesity Research. 13, 9, p. 1499-1504 6 p.

Creatine supplementation during pulmonary rehabilitation in chronic obstructive pulmonary disease

Fuld, J. P., Kilduff, L. P., Neder, J. A., Pitsiladis, Y., Lean, M. E. J., Ward, S. A. & Cotton, M. M., 31 Jul 2005, In : Thorax. 60, 7, p. 531-537 7 p.

No association between Angiotensin Converting Enzyme (ACE) gene variation and endurance athlete status in Kenyans

Scott, R. A., Moran, C. N., Wilson, R. H., Onywera, V. O., Boit, M., Goodwin, W. H., Gohlke, P., Payne, J. R., Montgomery, H. & Pitsiladis, Y., 30 Jun 2005, In : Comparative Biochemistry and Physiology A-Molecular & Integrative Physiology. 141, 2, p. 169-175 7 p.

Mitochondrial DNA lineages of elite Ethiopian athletes

Scott, R. A., Wilson, R. H., Goodwin, W. H., Moran, C. N., Georgiades, E., Wolde, B. & Pitsiladis, Y., 31 Mar 2005, In : Comparative Biochemistry and Physiology B-Biochemistry & Molecular Biology. 140, 3, p. 497-503 7 p.

Food and macronutrient intake of elite Kenyan distance runners

Onywera, V. O., Kiplamai, F. K., Tuitoek, P. J., Boit, M. & Pitsiladis, Y., 31 Dec 2004, In : International Journal of Sport Nutrition and Exercise Metabolism. 14, 6, p. 709-719 11 p.

Y chromosome haplogroups of elite Ethiopian endurance runners

Moran, C. N., Scott, R. A., Adams, S. M., Warrington, S. J., Jobling, M. A., Wilson, R. H., Goodwin, W. H., Georgiades, E., Wolde, B. & Pitsiladis, Y., 30 Nov 2004, In : Human Genetics. 115, 6, p. 492-497 6 p.

Genetic influence on East African running success

Scott, R. A., Moran, C. N., Wilson, R. H., Goodwin, W. H. & Pitsiladis, Y., 1 Nov 2004, In : Equine and Comparative Exercise Physiology. 1, 4, p. 273-280 8 p.

The effects of creatine supplementation on cardiovascular, metabolic, and thermoregulatory responses during exercise in the heat in endurance-trained humans

Kilduff, L. P., Georgiades, E., James, N., Minnion, R. H., Mitchell, M., Kingsmore, D., Hadjicharlambous, M. & Pitsiladis, Y., 31 Aug 2004, In : International Journal of Sport Nutrition and Exercise Metabolism. 14, 4, p. 443-460 18 p.

Preface: symposium on 'East African running: A cross discipline perspective'

Pitsiladis, Y., 9 Mar 2004, In : Equine and Comparative Exercise Physiology. 1, 4, p. 247-247 1 p.

The dominance of Kenyans in distance running

Pitsiladis, Y., Onywera, V. O., Geogiades, E., O'Connell, W. & Boit, M., 9 Mar 2004, In : Equine and Comparative Exercise Physiology. 1, 4, p. 285-291 7 p.

Clinical relevance of inter-method differences in fat-free mass estimation in chronic obstructive pulmonary disease

Kilduff, L. P., Fuld, J. P., Neder, J. A., Pitsiladis, Y., Carter, R., Stevenson, R. & Ward, S. A., 31 Dec 2003, In : Respiration. 70, 6, p. 585-593 9 p.

Effects of creatine on body composition and strength gains after 4 weeks of resistance training in previously nonresistance-trained humans

Kilduff, L. P., Pitsiladis, Y., Tasker, L., Attwood, J., Hyslop, P., Dailly, A., Dickson, I. & Grant, S., 31 Dec 2003, In : International Journal of Sport Nutrition and Exercise Metabolism. 13, 4, p. 504-520 17 p.

BMI distribution changes in adolescent British girls

Georgiades, E., Reilly, J. J., Stathopoulou, E., Livingston, A. M. & Pitsiladis, Y., 30 Nov 2003, In : Archives of Disease in Childhood. 88, 11, p. 978-979 2 p.

Moderate physical activity permits acute coupling between serum leptin and appetite-satiety measures in obese women

Tsofliou, F., Pitsiladis, Y., Malkova, D., Wallace, A. M. & Lean, M. E. J., 30 Nov 2003, In : International Journal of Obesity. 27, 11, p. 1332-1339 8 p.

Demographic characteristics of elite Ethiopian endurance runners

Scott, R. A., Georgiades, E., Wilson, R. H., Goodwin, W. H., Wolde, B. & Pitsiladis, Y., 31 Oct 2003, In : Medicine and science in sports and exercise. 35, 10, p. 1727-1732 6 p.

Chronic fatigue syndrome: new evidence for a central fatigue disorder

Georgiades, E., Behan, W. M. H., Kilduff, L. P., Hadjicharlambous, M., Mackie, E. E., Wilson, J., Ward, S. A. & Pitsiladis, Y., 31 Aug 2003, In : Clinical Science. 105, 2, p. 213-218 6 p.

Validity of six field and laboratory methods for measurement of body composition in boys

Parker, L., Reilly, J. J., Slater, C., Wells, J. C. & Pitsiladis, Y., 31 Jul 2003, In : Obesity Research. 11, 7, p. 852-858 7 p.

Effects of creatine on isometric bench-press performance in resistance-trained humans

Kilduff, L. P., Vidakovic, P., Cooney, G., Twycross-Lewis, R., Amuna, P., Parker, M., Paul, L. & Pitsiladis, Y., 31 Jul 2002, In : Medicine and science in sports and exercise. 34, 7, p. 1176-1183 8 p.

Hyperprolactinaemia during prolonged exercise in the heat: evidence for a centrally mediated component of fatigue in trained cyclists

Pitsiladis, Y., Strachan, A. T., Davidson, I. & Maughan, R. J., 31 Mar 2002, In : Experimental Physiology. 87, 2, p. 215-226 12 p.

Cardiovascular function and exercise intolerance in Chronic Fatigue Syndrome

Georgiades, E., Behan, W. M. H., Pitsiladis, Y., Chaudhuri, A., Kilduff, L. P., Wilson, J., Mackie, E. E. & Ward, S. A., 1 Jan 2002, *Proceedings of international clinical and scientific meeting: Myalgic Encephalopathy Chronic Fatigue Syndrome: the medical practitioners' challenge*. North Sydney, Australia: Alison Hunter Memorial Foundation, p. 163-169 7 p.

Comparison of water turnover rates in men undertaking prolonged cycling exercise and sedentary men

Leiper, J. B., Pitsiladis, Y. & Maughan, R. J., 30 Apr 2001, In : International Journal of Sports Medicine. 22, 3, p. 181-185 5 p.

Increased fat availability enhances the capacity of trained individuals to perform prolonged exercise

Pitsiladis, Y., Smith, I. & Maughan, R. J., 30 Nov 1999, In : Medicine and science in sports and exercise. 31, 11, p. 1570-1579 10 p.

The effects of exercise and diet manipulation on the capacity to perform prolonged exercise in the heat and in the cold in trained humans

Pitsiladis, Y. & Maughan, R. J., 15 Jun 1999, In : Journal of Physiology. 517, 3, p. 919-930 12 p.

The effects of alterations in dietary carbohydrate intake on the performance of high-intensity exercise in trained individuals

Pitsiladis, Y. & Maughan, R. J., 30 Apr 1999, In : European Journal of Applied Physiology and Occupational Physiology. 79, 5, p. 433-442 10 p.

Thermoregulation and fluid balance as possible limiting factors in prolonged exercise in humans

Maughan, R. J., Galloway, S. D. R., Pitsiladis, Y., Shirreffs, S. M. & Leiper, J. B., 27 Jan 1997, *The physiology and pathophysiology of exercise tolerance*. Steinacker, J. M. & Ward, S. A. (eds.). London, UK: Springer, p. 103-112 10 p.

The effects of alterations in dietary carbohydrate intake on running performance during a 10km treadmill time trial

Pitsiladis, Y., Duignan, C. & Maughan, R. J., 1 Sep 1996, In : British Journal of Sports Medicine. 30, 3, p. 226-231 6 p.

Awards

Implications of RNA-seq in the detection of anabolic steroid use and harnessing of the molecular mechanism of muscle memory

Pitsiladis, Y.

IOC: £66,667.00

1/10/18 → 31/12/19

Projects

The Application of an Integrative Omics Solution

Pitsiladis, Y.

WADA - World Anti-Doping Agency

1/09/18 → 31/08/20