Julien Tripette, PhD
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Citizenship: France (Permanent Resident of Canada)
Age: 37

Languages:

- French: mother tongue
- English: good command
- Chinese: for family or daily life purposes (needs lexical activation for professional use)
- Japanese: Level N-3 (ability to jump from English to Japanese during the lecture if necessary)

Education

2012: Post-graduate diploma in Project Management
Institution: *Université du Québec à Montréal* (UQAM), Montreal, Quebec, Canada

2008: PhD in Exercise Physiology
Institution: The French West Indies and Guiana University (now known as The French West Indies University), Pointe-à –Pitre, Guadeloupe, France
Thesis title: “Sickle cell trait carriers and physical exercise: blood rheology and vascular abnormalities”

2005: Master’s degree in Exercise and Health Science
Institution: Lyon 1 “Claude Bernard” University, Lyon, Auvergne-Rhone-Alpes, France
Thesis title: “The post-exercise inflammatory response”

2002: Bachelor’s degree in Sports Science
Institution: Lyon 1 “Claude Bernard” University, Lyon, Auvergne-Rhone-Alpes, France

Professional certifications

2009: certified lecturer in Sports Science
Delivered by the National Council of Universities *(Conseil National des Universités,* CNU), France

2009: certified lecturer in Physiology
Delivered by the National Council of Universities *(Conseil National des Universités,* CNU), France

Professional training

2003: certified Ice Hockey Coach
Delivered by the French Federation of Ice Sports (now known as the French Federation of Ice Hockey), France

Employment

2014-current: Project Associate Professor
Institution: Ochanomizu University, Bunkyo, Tokyo, Japan.
Dual affiliations:

- Leading Graduate School
- Department of Environmental Sciences and Human Engineering

Research interest:

- Smart home devices for the continuous monitoring of physical activity
- Smart shoes and physical activity recognition
- Caffeine and physical activity

2014-current: visiting researcher
Institution: National Institutes of Health and Nutrition (now known as National Institutes of Biomedical Innovation, health and Nutrition), Shinjuku, Tokyo, Japan
Affiliation: Department of Health Promotion
Research interest: lifestyle, physical activity and health promotion

2012-2014: Postdoctoral Fellow
Institution: National Institutes of Health and Nutrition (now known as National Institutes of Biomedical Innovation, health and Nutrition), Shinjuku, Tokyo, Japan
Affiliation: Department of Health Promotion
Research interest: active video games for health promotion

2009-2012: Postdoctoral Fellow
Institution: Research Center of *Centre Hospitalier de l'Université de Montréal* (CR-CHUM), Montreal, Quebec, Canada.
Affiliation: Laboratory of Biorheology and Medical Ultrasonics
Research interest: assessment of blood rheology properties using ultrasound imaging.

2008-2009: Research Fellow
Institution: *Institut National de la Santé et de la Recherche Médicale* (National Institute of Health and Medical Research, INSERM), Abymes, Guadeloupe, France
Research Interest: sickle cell anemia, blood rheology, microcirculation and clinical exercise physiology

2006-2007: Assistant Lecturer
Institution: The French West Indies and Guiana University (now known as The French West Indies University), Pointe-à –Pitre, Guadeloupe, France
Research Interest: blood rheology, microcirculation and clinical exercise physiology

2006-2007: Casual Lecturer
Institution: The French West Indies and Guiana University (now known as The French West Indies University), Pointe-à –Pitre, Guadeloupe, France

Competitive fellowships

2013-2014: Postdoctoral Fellowship
Awarded by the Japan Society for the Promotion of Science (JSPS), Japan
Research title: "Active video games for health promotion"
(Awarded for 2 years, 1 year completed)

2012-2013: Postdoctoral Fellowship
Awarded by Fonds de Recherche du Québec – Santé (FRQS), Quebec, Canada
Research title: "Active video games for health promotion"
(Awarded for 2 years, 1 year completed)

2008: Doctoral scholarship
Awarded by The European Development Fund (EDA), European Union
Research title: "Sickle cell trait carriers and physical exercise: blood rheology and vascular abnormalities"
(Awarded for 3 years, 1 year completed)

2004-2005: Postgraduate scholarship
Awarded by the *Centre régional des œuvres universitaires et scolaires* (CROUS), Lyon, Auvergne-Rhône-Alpes, France
(Awarded for 1 year, 1 year completed)

Non-competitive fellowships

2005-2006: Doctoral scholarship
Offered by: "Guy Mérault" Caribbean Sickle Cell Disease Center, Abymes, Guadeloupe, France
Research title: "Sickle cell trait carriers and physical exercise: blood rheology and vascular abnormalities"

Grants

2015- on-going: Research Grant
Awarded by: Nestle Nutrition Council, Tokyo, Japan
Research title: "Promotion of physical activity and caffein consumption in inactive adults"
Role: PI

2015- on-going: Young Researcher Research Grant
Awarded by the Japan Society for the Promotion of Science (JSPS), Japan
Research title: "OchaHouse project: development of a floor vibration physical activity monitoring system"
Role: PI

2015- on-going: Research Grant
Awarded by the Japan Society for the Promotion of Science (JSPS), Japan
Research title: "Genetic factors explaining individual differences in daily physical activity"
Role: co-investigator (PI: Murakami Haruka)

2015- 2016: Research Grant
Awarded by the Japan Foundation for Technology and Accuracy in Measurement Methods, Japan
Research title: "OchaHouse project: development of a floor vibration physical activity monitoring system"
Role: PI

2014- 2014: Research Grant
Awarded by: Kao Corporation, Sumida, Tokyo, Japan
Research title: "Does caffeine consumption increase physical activity in non-athletic people"
Role: co-investigator (PI: Murakami Haruka)

2013-2015: Research Grant
Awarded by the Japan Society for the Promotion of Science (JSPS), Japan
Research title: "Active video games for health promotion"
Role: PI

2008-2012: Joint Research Grant
Awarded by Institute of Research for Development (IRD), France
Research title: "Effect of ad-libitum hydration on exercise-related cardiovascular risks in sickle cell trait carriers"
Role: co-investigator (PI: Connes Philippe and Samb Abdoulaye)

Academic Awards

2012: Young researcher travel award
Conference: 14th International Congress of Biorheology and 7th International Conference on Clinical Hemorheology, Istambul, Turkey

2008: Young researcher travel award
Conference: 7th Asian Congress for Microcirculation (6th Chinese National Congress for Microcirculation), Tai'an, Shandong, China.

Academic Associations

International Society of Behavioral Nutrition and Physical Activity
From: 2016

Japanese Society of Physical Education, Health and Sport Sciences
From: 2012

American College of Sports Medicine (ACSM)
From: 2012

European College of Sport Science (ECSS)
From: 2012

Société Française d'Hématologie (French Society of hematology), France
From: 2011

International Society for Clinical Hemorheology (ISCH)
From: 2007

Association des Chercheurs en Activités Physiques et Sportives (ACAPS, French Association of Research in Sports and Physical Activity), France
From: 2007

Reviewing activity

- *Clinical Hemorheology and Microcirculation*
- *Games for Health Journal*
- *PlosOne*
- *Thrombosis research*

Teaching experience

The French West Indies and Guiana University (2005-2008, France)
Undergraduate courses:

- Human physiology: basics
- Exercise physiology
- Anatomy
- Exercise physiology applied to fitness training
- performance factors and coaching
- Sports law
- Writing and oral communication

Graduate courses:

- Exercise physiology
- Exercise physiology applied to fitness training
- physiopathology and rehabilitation
- Environmental exercise physiology
- Hemoglobinopathies, hemorheology and exercise physiology

Ochanomizu University (2014- on-going, Japan)
Undergraduate courses:

- Human engineering and physical activity promotion (Human Engineering)
- Biofeedback assessment and instrumentation (Instrumentation)

Graduate Courses:

- ICT solutions for health promotion (Essential Engineering and Technology for Global Leader I)
- DIY robotics (Essential Engineering and Technology for Global Leader II)
- Project based learning

Evaluation committees

"Evaluation of gait abilities in elderly people by using a novel foot pressure foot"
Presented by: Nakajima Kanako (doctoral candidate)
Supervised by: Ohta Yuji
Ochanomizu University, Tokyo, Japan, 2015

Publications

[x] Anzai E, Nakajima K, **Tripette J,** Ohta Y. Center of pressure computation for gait analysis: A comparative study between a novel plantar pressure measurement insole and the F-scan device. **PeerJ in revision.**
[x] Anzai E, **Tripette J,** Yamashita K, Ohta Y. Variability of center of pressure displacement over multiple gait steps in elderly fallers. **In process of writing.**
[x] Aoun N, **Tripette J**, Sudo N, Matsuoka T, Mukamugema C, Matsuda H. Agricultural livelihoods, nutrition and work strenuousness in two sectors in eastern Rwanda. *Social Science and Development.* **In process of writing.**
[x] Tripette J. Co-benefits of active travelling in Tokyo, Japan: A case study. **In process of writing**
[x] Tripette J, Motooka N, Ohta Y. Indoor assessment of physical activity using floor vibration: a smart-home project. **In process of writing**

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[1] Ouedraogo V, Connes P, **Tripette J,** Tiendrébéogo AJF, Sow AK, Diaw M, Seck M, Diop M, Hallab M, Belue R, Samb A, Ba A and Lefthériotis G. Pulse Wave Velocity is lower in trained than in untrained sickle cell trait carriers. Clin Hemorheol Microcirc. **In-press.**
[2] Tripette J, Murakami H, Hara H, Kawakami R, Gando Y, Ohno H, Miyatake N, Miyachi M. Caffeine Consumption is Associated With Higher Level of Physical Activity in Japanese Women. *Int J Sport Nutr Exerc Metab.* **In-press**.
[3] Tripette J, Murakami H, Ryan KR, Ohta Y, Miyachi M. The contribution of Nintendo Wii Fit series in the field of health: a systematic review and meta-analysis. *PeerJ.* 2017 Sep 5;5:e3600.
[4] Kusuda K, Yamashita K, Ohnishi A, Tanaka K, Masaru K, Honda H, Tanaka S, Okubo T, **Tripette J**, Ohta Y. Management of surgical instruments with radio frequency identification tags: A 27-month in hospital trial. *International Journal of Health Care Quality Assurance*. 2016 29 (2): 236-47.
[5] Miyachi M, **Tripette J**, Kawakami R, Murakami H. **"**+10 min of physical activity per day": Japan wants feasible and efficient recommendation for its population. *J Nutr Sci Vitaminol*. 2015. 2015;61 Suppl:S7-9.
[6] Tripette J, Nguyen LC, Allard L, Robillard P, Soulez G, Cloutier G. In-vivo ultrasonic measurement of RBC aggregation in diabetic patients: a pilot study. *Plos One.* 2015 Apr 23;10(4)
[7] Miyachi M, Kurita S, **Tripette J,** Takahara , Yagi Y, Murakami H. Installation of a stationary high desk in the workplace: effect of 6-weeks intervention on physical activity. *BMC Public Health*. 2015 Apr 12;15:368

[8] Murakami H, **Tripette J**, Kawakami R, Miyachi M. Add 10 min for your health": the new Japanese recommendation for physical activity based on dose-response analysis. *J Am Coll Cardiol*. 2015 Mar 24;65(11):1153-4

[9] Tripette J, Murakami H, Kawakami R, Tanaka N, Tanaka S, Miyachi M. Wii Fit U intensity and enjoyment in adults. *BMC research notes*. 2014 Aug 26;7:567

[10] Tripette J, Ando T, Murakami H, Yamamoto K, Ohkawara K, Tanaka S, Miyachi M. Evaluation of active video games intensity: comparison between accelerometer-based predictions and indirect calorimetric measurements. *Technol Health Care.* 2014 Jan 1;22(2):199-208

[11] Tripette J, Murakami H, Gando Y, Kawakami R, Sasaki A, Hanawa S, Hirosako A, Miyachi M. Home-based active video games to promote weight loss during the postpartum period. *Med Sci Sports Exerc*. 2014 Mar;46(3):472-8 **(+editorial comment in *ACSM Health's and Fitness Journal*)**

[12] Mfoumou E, **Tripette J**, Blonstein M, Cloutier G. Time-dependent hardening of blood clots quantitatively measured in vivo with shear-wave ultrasound imaging in a rabbit model of venous thrombosis. *Thrombosis Research.* 2014 Feb;133(2):265-71

[13] Diaw M, Connes P, Samb A, Sow AK, Sall ND, Sar FB, Ba A, Diop S, Niang MN, **Tripette J**. Intraday blood rheological changes induced by Ramadan fasting in sickle cell trait carriers. *Chronobiol Int.* 2013; Nov;30(9):1116-22

[14] Tripette J, Denault AY, Allard L, Chayer B, Perrault LP, Cloutier G. Real-time ultrasound monitoring of acute inflammation through the assessment of red blood cell aggregation during and after a cardiopulmonary bypass surgery in swine. *Crit Care Med*. 2013; Aug;41(8):171-8. **(+editorial comment in *Crit Care Med*)**

[15] Tripette J, Hardy-Dessources MD, Romana M, Hue O, Diaw M, Samb A, Diop S, Connes P. Exercise-related complications in sickle cell trait. *Clin Hemorheol Microcirc*. 2013 Jan 1;55(1):29-37

[16] Messonnier L, Samb A, **Tripette J**, Doubi BG, Loko G, Sall ND, Feasson L, Hue O, Lamothe S, Bogui P, Connes P. Moderate endurance exercise is not a risk for rhabdomyolysis or renal failure in sickle cell trait carriers. *Clin Hemorheol Microcirc.* 2012;51(3):193-202.

[17] Connes P, Pichon A, Hardy-Dessources MD, Waltz X, Lamarre Y, Simmonds MJ, **Tripette J**. Blood viscosity and hemodynamics at exercise. *Clin Hemorheol Microcirc.* 2012;51(2):101-9.

[18] Simmonds MJ, **Tripette J**, Sabapathy S, Marshall-Gradisnik SM, Connes P. Cardiovascular dynamics during exercise are related to blood rheology. *Clin Hemorheol Microcirc*. 2011;49(1):231-41

[19] Tripette J, Hardy-Dessources MD, Beltan E, Sanouiller A, Bangou J, Chalabi T, Chout R, Hedreville M, Broquere C, Nebor D, Dotzis G, Hue O and Connes P. Endurance running trial in tropical environment: a blood rheological study. *Clin Hemorheol Microcirc.* 2011;47(4):261-8.

[20] Yu FTH, Armstrong JK, **Tripette J**, Meiselman HJ, Cloutier G. A Local Increase in Red Blood Cell Aggregation Can Trigger Deep Vein Thrombosis: Evidence Based on Quantitative Cellular Ultrasound Imaging. *J Thromb Haemost.* 2011; Mar;9(3):481-8.

[21] Chaar V, Romana M, **Tripette J**, Broquere C, Huisse MG, Hue O, Hardy-Dessources MD & Connes P. Effect of strenuous physical exercise on circulating cell-derived microparticles. *Clin Hemorheol Microcirc.* 2011;47(1):15-25.

[22] Beltan E, Chalabi T, **Tripette J**, Chout R & Connes P. Coagulation responses after a submaximal exercise in sickle cell trait carriers. *Thromb Res.* 2011 Feb;127(2):167-9.

[23] Tripette J, Loko G, Samb A, Doubi Gogh B, Sewade E, Seck D, Hue O, Romana M, Diop S, Diaw M, Brudey K, Bogui P, Cissé F, Hardy-Dessources MD & Connes P. Effects of hydration and dehydration on blood rheology in sickle cell trait carriers during exercise. *Am J Physiol Heart Circ Physiol.* 2010 Sep:299(3):H908-14.

[24] Tripette J, Connes P, Beltan E, Chalabi T, Marlin L, Chout R, Baskurt OK, Hue O & Hardy-Dessources MD. Red blood cell deformability and aggregation, cell adhesion molecules, oxidative stress and nitric oxide markers after a short term, submaximal, exercise in sickle cell trait carriers. *Clin Hemorheol Microcirc.* 2010;45(1):39-52.

[25] Alexy T, Sangkatumvong S, Connes P, Pais E, **Tripette J**, Barthelemy JC, Fisher TC, Meiselman HJ, Khoo MC & Coates TD. Sickle cell disease: selected aspects of pathophysiology. *Clin Hemorheol Microcirc.* 2010;44(3):155-66.

[26] Tripette J, Connes P, Hedreville M, Etienne-Julan M, Marlin L, Hue O & Hardy-Dessources MD. Patterns of exercise-related inflammatory response in sickle cell trait carriers. *Br J Sports Med*. 2010 Mar;44(4):232-7.

[27] Tripette J, Alexy T, Hardy-Dessources MD, Mougenel D, Beltan E, Chalabi T, Chout R, Etienne-Julan M, Hue O, Meiselman HJ & Connes P. Red blood cell aggregation, aggregate strength and oxygen transport potential of blood are abnormal in both homozygous sickle cell anemia and sickle-hemoglobin C disease. *Haematologica.* 2009 Aug;94(8):1060-5.

[28] Connes P, **Tripette J**, Mukisi-Mukaza M, Baskurt OK, Toth K, Meiselman HJ, Hue O & Antoine-Jonville S. Relationships between hemodynamic, hemorheological and metabolic responses during exercise. *Biorheology.* 2009;46(2):133-43.

[29] Uyuklu M, Cengiz M, Ulker P, Hever T, **Tripette J**, Connes P, Nemeth N, Meiselman HJ & Baskurt OK. Effects of storage duration and temperature of human blood on red cell deformability and aggregation. *Clin Hemorheol Microcirc.* 2009;41(4):269-78.

[30] Connes P, Uyuklu M, **Tripette J**, Boucher JH, Beltan E, Chalabi T, Yalcin O, Chout R, Hue O, Hardy-Dessources MD & Baskurt OK. Sampling time after tourniquet removal affects erythrocyte deformability and aggregation measurements. *Clin Hemorheol Microcirc.* 2009;41(1):9-15.

[31] Monchanin G, Serpero LD, Connes P, **Tripette J**, Wouassi D, Francina A, Massarelli R, Gozal D, Thiriet P & Martin C. Plasma levels of adhesion molecules ICAM-1 and VCAM-1 in athletes with sickle cell trait with or without alpha-thalassemia during endurance exercise and recovery. *Clin Hemorheol Microcirc.* 2008;40(2):89-97.

[32] Hédreville M, Barthélémy JC, **Tripette J**, Roche F, Hardy-Dessources MD, Pichot V, Hue O & Connes P. Effects of strenuous exercise on autonomic nervous system activity in sickle cell trait carriers. *Auton Neurosci*. 2008 Dec 5;143(1-2):68-72.

[33] Connes P, Hue O, **Tripette J** & Hardy-Dessources MD. Blood rheology abnormalities and vascular cell adhesion mechanisms in sickle cell trait carriers during exercise. *Clin Hemorheol Microcirc*. 2008;39(1-4):179-84.

[34] Connes P, **Tripette J**, Chalabi T, Beltan E, Etienne-Julan M, Chout R, Hue O & Hardy-Dessources MD. Effects of strenuous exercise on blood coagulation activity in sickle cell trait carriers. *Clin Hemorheol Microcirc.* 2008;38(1):13-21.

[35] Tripette J, Hardy-Dessources MD, Sara F, Montout-Hedreville M, Saint-Martin C, Hue O & Connes P. Does repeated and heavy exercise impair blood rheology in carriers of sickle cell trait? *Clin J Sport Med.* 2007 Nov;17(6):465-70.

[36] Marlin L, Connes P, Antoine-Jonville S, **Tripette J**, Montout-Hedreville M, Sanouiller A, Etienne-Julan M & Hue O. Cardiorespiratory responses during three repeated incremental exercise tests in sickle cell trait carriers. *Eur J Appl Physiol.* 2008 Jan;102(2):181-7.

[37] Monchanin G, Serpero LD, Connes P, **Tripette J**, Wouassi D, Bezin L, Francina A, Ngongang J, de la Peña M, Massarelli R, Gozal D, Thiriet P & Martin C. Effects of progressive and maximal exercise on plasma levels of adhesion molecules in athletes with sickle cell trait with or without alpha-thalassemia. *J Appl Physiol.* 2007 Jan;102(1):169-73.

Book chapter

[1] Connes P, Beltan E, Chalabi T & **Tripette J**. Effects of exercise on blood coagulation activity in sickle cell trait carriers: abnormalities or not? In: Handbook of Hematology Research – Blood Coagulation: Hemorheology, Hemophilia and Blood Coagulation (Editors: Tondre R, Lebegue C, Sartori MT, Chu AJ, Mindukshev IV; Edition: Nova Science Publisher), 2009.

Preprints and rapid responses

[1] Tripette J, Foley E, Ohta Y, Miyachi M. Pokemon-GO: recent learnings and suggestions for a more active gameplay. Respose to Howe KB, Suharlim C, Ueda P, Howe D, Kawachi I, Rimm EB. Gotta catch'em all! Pokémon GO and physical activity among young adults: difference in differences study. *BMJ* 2016;355:i6270

Conferences with published abstracts or proceedings

[1] Montagnon E, **Tripette J**, Mfoumou E, Cloutier G. Acoustic radiation force induced elastography (ARFIRE): A new method to characterize blood clot viscoelastic properties. *IEEE Ultrasonics Symposium*, Dresden, Germany, USA, October, 2012

[2] Tripette J, Hardy-Dessources MD, Romana M, Connes C. Exercise-related complications in sickle cell trait: the hemorheological hypothesis. *14th International Congress of Biorheology and 7th International Conference on Clinical Hemorheology,* Istanbul, Turkey (July 2012). *Biorheology.* 2012;49(2-3): 83-234.

[3] Cloutier G, **Tripette J**, Yu FT, Franceschini E. In-vivo ultrasonic assessment of red blood cell aggregation: review of current cardiovascular applications. *14th International Congress of Biorheology and 7th International Conference on Clinical Hemorheology,* Istanbul, Turkey (July 2012). *Biorheology.* 2012;49(2-3): 83-234.

[4] Mfoumou E, **Tripette J**, Cloutier G. In vivo quantitative assessment of blood clot hardening using dynamic ultrasound elastography: evaluation in a rabbit model of venous thrombosis. *14th International Congress of Biorheology and 7th International Conference on Clinical Hemorheology,* Istanbul, Turkey (July 2012). *Biorheology.* 2012;49(2-3): 83-234.

[5] Tripette J, Denault AY, Allard L, Chayer B, Perrault LP, Cloutier G. Real-time ultrasound monitoring of rbc aggregation as a surrogate marker of inflammation during and after cardiopulmonary bypass surgery: pre-clinical results. *14th International Congress of Biorheology and 7th International Conference on Clinical Hemorheology,* Istanbul, Turkey (July 2012). *Biorheology.* 2012;49(2-3): 83-234.

[6] Cloutier G, Allard L, Chayer B, **Tripette J**, Perrault LP & Denault AY, In vivo and real-time monitoring of red blood cell aggregation with the structure factor size and attenuation estimator during and after cardiopulmonary bypass surgery in swine, *IEEE Ultrasonics Symposium*, San Diego, USA, september 2010.

[7] Nguyen LC, **Tripette J**, Franceschini E, Chiasson JL, Robillard P, Soulez G & Cloutier G, In situ characterization of red blood cell aggregation measured with high frequency ultrasound in type 2 diabetic patients, *IEEE Ultrasonics Symposium*, San Diego, USA, september 2010.

[8] Connes P, Hue O, Hardy-Dessources MD, Hedreville M, Boucher JH, **Tripette J**, Pichot V & Barthelemy JC. Autonomic nervous system activity and blood rheology impairment in sickle cell trait carriers.*13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, USA (july 2008). *Biorheology.* 2008;45(1-2):1-187.

[9] Connes P, **Tripette J**, Mukisi-Mukaza M, Baskurt OK, Toth K, Meiselman HJ, Hardy-Dessources MD, Hue O & Antoine-Jonville S. Hemodynamical, hemorheological and cardiorespiratory responses during exercise. *13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, USA (july 2008). Biorheology. 2008;45(1-2):1-187.

[10] Connes P, Uyuklu M, **Tripette J**, Boucher JH, Beltan E, Chalabi E, Yalcin O, Chout R, Hue O, Hardy-Dessources MD & Baskurt OK. Sampling time after tourniquet removal affects erythrocyte deformability and aggregation measurements.*13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, USA (july 2008). Biorheology. 2008;45(1-2):1-187.
[11] Tripette J, Hardy-Dessources MD, Hedreville M, Chalabi T, Beltan E, Marlin L, Chout R, Etienne-Julan M, Hue O & Connes P. Effects of prolonged exercise on blood rheology, vascular adhesion molecules and oxidative stress in sickle cell trait carriers. *13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, USA (july 2008). Biorheology. 2008;45(1-2):1-187.
[12] Alexy T, Hardy-Dessources MD, **Tripette J**, Wenby RB, Mougenel D, Jonhson CS, Beltan E, Chalabi T, Chout R, Etienne-Julan M, Hue O, Meiselman HJ, Connes P. Elevated disaggregating shear stress in sickle cell disease. *13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, États-Unis (Juillet 2008). *Biorheology*. 2008;45(1-2): 113.
[13] Chaar V, Romana M, **Tripette J**, Broquere C, Huisse MG, Hue O, Hardy-Dessources MD, Connes P. Effect of strenous exercise on circulating cell-derived microparticles. *13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, États-Unis (Juillet 2008). *Biorheology*. 2008;45(1-2): 174-175.
[14] Tripette J, Hardy-Dessources MD, Beltan E, Sanouiller A, Bangou J, Chalabi T, Chout R, Hedreville M, Broquere C, Nebor D, Dotzis G, Hue O and Connes P. Endurance running trial in tropical environment: a blood rheological study. *13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology,* Penn State, États-Unis (Juillet 2008). *Biorheology*. 2008;45(1-2): 175-176.
[15] Tripette J, Hardy-Dessources MD, Sara F, Montout-Hedreville M, Marlin L, Saint-Martin C, Hue O & Connes P. Does prolonged and heavy exercise impair blood rheology in sickle cell trait carriers ? *2nd Eurosummer School on Biorheology & Symposium on Micro Mechanobiology of Cells, Tissues and Systems*, Varna, Bulgaria (septembre 2006).

Invited talks

[1] Tripette J, Murakami H, Miyachi M. Does caffeine help sedentary people to be more physically active? *the 6th Food for Life Science Forum on "The Role of Microbiota in Human Health"*. Tokyo, Japan (November 2016).
[2] Tripette J. The contribution of active video games to the field of sport medicine. *The 166th Regional Meeting of the Japanese Society for Physical Education, Health and Sports Science*, Tokyo, Japan (March 2016).
[3] Tripette J. Wii Fit for rehabilitation and health promotion. *Shahid Beheshti University*, Tehran, Iran (August 2015).
[4] Tripette J, Murakami H, Ando T, Kawakami R, Tanaka S, Miyachi M. Active video games for health promotion: from METs evaluation to physical intervention in young adults. *The 68th National Conference of the Japanese Society of Physical Fitness and Sports Medicine*. Tokyo, Japan (September 2013).
[5] Tripette J, Denault AY, Allard L, Chayer B, Perrault LP, Cloutier G, Ultrasonic monitoring of inflammation during CPB surgery in pigs. *The 6th annual Canadian winter Cardiac Team meeting*, Mont-Tremblant, Canada (February 2011).
[6] Tripette J. Physical exercise in sickle cell trait carriers: hemorheology and vascular abnormalities. *University of Calgary.* Calgary, Canada (July-August 2009).
[7] Tripette J. Hemorheological alterations in sickle cell disease: past and current research. *Cheikh Anta Diop University*, Dakar, Senegal (January 2009).

Other conferences

[1] Sasaki M, **Tripette J,** Saiwaki N, Motooka N, Ohta Y. Introduction to a smart floor vibration-based step counter. *The 33rd Conference of the Japanese Society for Life Science,* Tokyo, Japan (September 2017).
[2] Tripette J, Sasaki M, Motooka N, Ohta Y. Assessing physical activity using floor vibration in a smart home setting. *The 16th Meeting of the International Society of Behavioral Nutrition and Physical Activity.* Victoria, Canada (June 2017).
[3] Tripette J, Kaneko S, Motooka N, Ohta Y. Measuring step-count at home using floor vibrations (OchaHouse Project). *The 6th International Congress on Physical Activity and Health*. Bangkok, Thailand (November 2016).
[4] Tripette J, Miyachi M, Kawakami R, Murakami H. Does caffeine consumption induce higher volume of physical activity? Findings from a Japanese cohort study. *The 15th Meeting of the International Society of Behavioral Nutrition and Physical Activity.* Cape Town, South Africa (June 2016).
[5] Tripette J, Nakajima C, Motooka N, Ohta Y. Ochahouse project: monitoring physical activity using floor acceleration. *The 70th National Conference of the Japanese Society of Physical Fitness and Sports Medicine*. Wakayama, Japan (September 2014).
[6] Tripette J, Murakami H, Kawakami R, Miyachi M. +10 minutes of physical activity per day": the Japanese Physical Activity Guidelines. *The 14th Annual Conference of the Society of Chinese Scholars on Exercise Physiology and Fitness: Attaining Quality of Life through Physical Activity.* Macau, China (July 2015).
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