

Julien Tripette, PhD

トリペッテジュリアン、博士

〒112-0012

東京都文京区大塚2-1-1

@: tripette.julien@ocha.ac.jp



☎: 03-5978-2036

国籍: フランス (永住: カナダ)

年齢: 36

言語: フランス語 (母語)、英語、中国語 (日常会話)、日本語 (日本語能力試験3級)

学歴

2012年: 修士号 (プロジェクトマネジメント)

場所: ケベック大学モントリオール校、モントリオール (UQAM)、ケベック州、カナダ

2008年: 博士 (運動生理学)

場所: フランス領アンティルとギアナ大学 (UAG)、ポワンタピートル大学病院、グアドルー
プ島、フランス

博士論文: Sick cell trait carriers and physical exercise: blood rheology and vascular abnormalities

2005年: 修士 (運動と健康科学)

場所: クロード・ベルナルリヨン1大学、リヨン、フランス

2002年: 学士 (運動科学)

場所: クロード・ベルナルリヨン1大学、リヨン、フランス

職歴

2014年から: 特任准教授

場所: 国立大学法人お茶の水女子大学、文京区、東京都、日本

研究内容: スマート自宅・歩数計測・スマートシューズ

2014年から: 協力研究員

場所: 独立行政法人国立健康・栄養研究所、健康増進研究部、新宿区、東京都、日本

研究内容: カフェイン・健康的なライフスタイル

2012年-2014年: ポストク

場所: 独立行政法人国立健康・栄養研究所、健康増進研究部、新宿区、東京都、日本

研究内容: アクティブビデオゲーム・スマートフォンアプリケーション・健康づくり

2009年-2012年：ポスドク

場所：モントリオール大学、研究所附属病院（CRCHUM）、モントリオール、ケベック州、カナダ

研究内容：超音波・医用画像処理

2008年-2009年：リサーチフェロー

場所：フランス国立健康・医学研究所（INSERM）、グアドループ島・パリ、フランス

研究内容：臨床運動生理学

2006年-2007年：非常勤講師・リサーチフェロー（ATER）

場所：フランス領アンティルとギアナ大学（UAG）、グアドループ島、フランス

研究内容：臨床運動生理学

2005年-2008年：非常勤講師

場所：フランス領アンティルとギアナ大学（UAG）、グアドループ島、フランス、グアドループ島、フランス

受賞歴・研究費賞

2015年：研究費（研究代表者）

「Does caffeine help sedentary people to be more active?」

ネスレ栄養科学会議、日本

2015年-2018年：基盤研究c（研究分担者）

「日常身体活動の多面的パターン化とその個人差における遺伝要因の解明」

日本学術振興会、日本

2015年：研究費（研究代表者）

「生活動作に伴う住宅床振動情報を利用した完全無侵襲エネルギー消費量推定手法の開発」

精密測定技術振興財団、日本

2015年-2018年：若手研究B（研究代表者）

「健康の維持増進を目的とした床振動情報に基づく無侵襲活動モニタリングシステム」

日本学術振興会、日本

2014年-2015年：研究費（研究分担者）

「カフェインは座位活動中心の人々において有益な身体活動パターンを引き起こすか？」

花王株式会社、日本

2013年-2015年：外国人特別研究員

「肥満者の運動リハビリツールとしての新世代アクティブテレビゲームの利用」

日本学術振興会、日本

2012年ー2013年：博士研究員
« Active video games for health promotion »
Fonds de Recherche du Québec – Santé (FRQS)、カナダ

2012年：若手研究奨励賞
14th International Congress of Biorheology and 7th International Conference on Clinical Hemorheology、
イスタンブル、トルコ

2008年ー2012年：研究費（研究分担者）
« Effect of ad-libitum hydration on exercise-related cardiovascular risks in sickle cell trait carriers »
Institute of research for development- CORUS program、フランス・セネガル

2008年：若手研究奨励賞
7th Asian Congress for Microcirculation (6th Chinese National Congress for Microcirculation)、泰安市、
中国、

2008年：研究員（博士学生レベル）
The European Development Fund (EDA)、欧州連合

2005年ー2006年：研究員（博士学生レベル）
Guy Mèrault Caribbean Sickle Cell Disease Center、フランス

2004年ー2005年：研究員（修士学生レベル）
Centre régional des œuvres universitaires et scolaires、リヨン・サン＝テティエンヌ、フランス

所属学会

2007年から：
スポーツと身体活動を研究学会（ACAPS）、フランス

2007年から：
血液レオロジー国際学会（ISCH）

2011年：
血液学学会、フランス

2012年から：
ヨーロッパ・スポーツ科学会（ECSS）

2012年から：
アメリカスポーツ医学会（ACSM）

資格

2009年：スポーツ科学講師

大学の全国協議会 (cf. *Conseil National des Universités, CNU*), フランス

2009年：生理学講師

大学の全国協議会 (cf. *Conseil National des Universités, CNU*), フランス

2003年：アイスホッケーコーチ

フランスアイスホッケー連盟・スポーツ省 (フランス)

教育歴【約600時間】

学部：

- 基礎生理学 (フランス領アンティルとギアナ大学、フランス)
- 運動生理学 (フランス領アンティルとギアナ大学、フランス)
- 解剖学 (フランス領アンティルとギアナ大学、フランス)
- フィットネストレーニングに適用する運動生理学 (フランス領アンティルとギアナ大学、フランス)
- チームスポーツコーチング (フランス領アンティルとギアナ大学・フランス領アンティルスポーツおよび体育センター、フランス)
- 計測工学 (お茶の水女子大学、日本)
- 人間工学 (お茶の水女子大学、日本)

大学院：

- 運動生理学 (フランス領アンティルとギアナ大学、フランス)
- フィットネストレーニングに適用する運動生理学 (フランス領アンティルとギアナ大学、フランス)
- 病態生理学・運動生理学・リハビリテーション (フランス領アンティルとギアナ大学、フランス)
- 環境運動生理学 (フランス領アンティルとギアナ大学、フランス)
- 異常血色素症・血液レオロジー・運動生理学 (フランス領アンティルとギアナ大学、フランス)
- **Essential Engineering and Technology for global leaders- I【健康的なライフスタイルを採るおける最新のテクノロジーを利用】** (お茶の水女子大学、日本)
- **Essential Engineering and Technology for global leaders- II【D I Yのロボット】** (お茶の水女子大学、日本)
- **Project-Based Team Study** (お茶の水女子大学、日本)

論文

[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. **In revision (PeerJ).**

[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. **Submitted.**

[x] **Tripette J**, Motooka N, Ohta Y. Indoor assessment of physical activity using floor vibration: a smart-home project. **In process of writing**

[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, Hirotsako 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. Ultrasound monitoring of RBC aggregation as a real-time marker of the inflammatory response in a cardiopulmonary bypass swine model. *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, Mougengel 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] Uyklu 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, Uyklu 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] Hédreille 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-Hedreille 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-Hedreille 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.

著書、

- [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

学会発表【プロシーディング】

- [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, October, 2012. PROCEEDINGS: 13-16.
- [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): 183-184.
- [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): 191-192.
- [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): 216-217.
- [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. PROCEEDINGS: 616-619.
- [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. PROCEEDINGS:612-615.
- [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):87-87.
- [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):49-50.
- [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): 25-26.
- [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):48-49.
- [12] Alexy T, Hardy-Dessources MD, **Tripette J**, Wenby RB, Mougengel 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, USA (July 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 strenuous exercise on circulating cell-derived microparticles. *13th International Congress of Biorheology and 6th International Conference on Clinical Hemorheology*, Penn State, USA (July 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, USA (July 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).

招待講演

[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] トリペッテ ジュリアン、活動的なビデオゲームのスポーツ医学領域に対する貢献、第166回日本体力医学会関東地方会、東京都、2016年3月。

[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. 第68回日本体力医学会大会、東京都、日本、2013年9月。

[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).

学会発表

[1] Sasaki M, **Tripette J**, Saiwaki N, Motooka N, Ohta Y. 住居における床振動情報を用いた日常生活動作時の居住者の歩数抽出及び部屋特定のアルゴリズムの開発、第33回ライフサポート学会大会、東京都、日本、2017年9月。

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. Ochaouse project: monitoring physical activity using floor acceleration. 第70回日本体力医学会大会、和歌山市、日本、2014年9月。
- [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).
- [7] **Tripette J**, Murakami H, Miyachi M. From 2007 to 2014: the contribution of Wii Fit for health promotion. 第69回日本体力医学会大会、長崎市、日本、2013年9月。
- [8] **Tripette J**, Ando T, Murakami H, Yamamoto K, Ohkawara K, Tanaka S, Miyachi M. Evaluation of active video games intensity and methodological concerns. *3rd international conference on Recent Advances and Controversies in Measuring Energy Metabolism*. Tokyo, Japan (September 2014).
- [9] **Tripette J**, Murakami H, Kawakami K, Sasaki A, Hara H, Miyachi M. Does caffeine consumption induce higher physical activity in sedentary people undergoing an exercise intervention? *American College of Sport Medicine’s 2014 Annual Meeting*. Orlando, Florida, USA (May 2014).
- [10] **Tripette J**, Denault AY, Allard L, Chayer B, Perrault LP, Cloutier G, In-vivo and real-time ultrasound monitoring of inflammation through the assessment of red blood cell aggregation during and after cardiopulmonary bypass surgery in pigs. *The 2011 Annual Meeting of the Canadian Anesthesiologists’ Society*, Toronto, Canada (June 2011).
- [11] Connes P, **Tripette J**, Romana M, Hue O & Hardy-Dessources MD. Impaired blood rheology in SCT carriers during exercise but few anomalies: why? *15th Conference of the European Society for Clinical Hemorheology and Microcirculation*, Pontresina/Saint-Moritz, Switzerland (June-July 2009).
- [12] **Tripette J**, Hardy-Dessources MD, Hedreville M, Chalabi T, Beltan E, Marlin L, Chout R, Etienne-Julan M, Hue O & Connes P. Hemorheological alterations and oxidative stress in sickle cell trait carriers after exertion. *The 7th Asian Congress of Microcirculation and 6th Chinese National Congress of Microcirculation*, Taishan, China (October 2009).
- [13] **Tripette J**, Connes P, Montout-Hedreville M, Saint-Martin C, Marlin L, Hue O & Hardy-Dessources MD. Effects of repeated and intense exercise on blood rheology and adhesion molecules in sickle cell trait carriers. *12th International ACAPS Conference*, Leuven, Belgium (October-November 2007).
- [14] Connes P, Hue O, **Tripette J** & Hardy-Dessources MD. Blood rheology abnormalities and vascular cell adhesions mechanisms in sickle cell trait carriers during exercise. *14th Conference of the european society for clinical hemorheology and microcirculation*, Dresden, Germany (June 2007).
- [15] Monchanin G, Serpero Laura D, 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 exercise on plasma levels of adhesion molecules in athletes with sickle cell trait with or without α -thalassemia. *11th annual Congress of European College of Sport Science*, Lausanne, Switzerland (June 2006).
- [16] Sara F, Connes P, Hardy-Dessources MD, Marlin L, Montout-Hedreville M, **Tripette J**, Étienne-Julan M, Saint-Martin C, Barthélémy JC & Hue O. Sickle cell trait carriers: are they comparable to subjects with normal hemoglobin? from cellular biology to the cardiovascular approach. *15th Meeting of the Caribbean Academy of Sciences*, Le Gosier, France (May 2006).