

# SAVERIO STRANGES, MD, PhD, FAHA

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Department of Epidemiology and Biostatistics, Schulich School of Medicine & Dentistry  
Western University, London, ON, Canada; email: [saverio.stranges@uwo.ca](mailto:saverio.stranges@uwo.ca)

## NATIONALITY/DATE OF BIRTH

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Italian/October 17, 1971; permanent resident in Canada

## CURRENT POSITION

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Professor and Chair  
Department of Epidemiology and Biostatistics, Schulich School of Medicine & Dentistry  
Western University, London, ON, Canada

Professor (cross-appointment)  
Departments of Family Medicine and Medicine, Schulich School of Medicine & Dentistry  
Western University, London, ON, Canada

Director, Africa Institute  
Co-Director, Western Centre for Climate change, Sustainable Livelihoods and Health  
Western University, London, ON, Canada

Visiting Professor of Epidemiology and Public Health  
Humanitas University Medical School, Milan, Italy

Visiting Professor of Epidemiology and Public Health  
University of Luxembourg, Belval Esch-sur-Alzette, Luxembourg

Affiliated Faculty:  
Honorary Professor, Division of Health Sciences  
University of Warwick Medical School, Coventry, United Kingdom

Department of Epidemiology & Environmental Health  
State University of New York at Buffalo, Buffalo, NY, USA

## LANGUAGES

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Reading, Writing, Speaking:  
English (Fluent All)  
Italian (Fluent All)  
French, Spanish (Basic All)

## EDUCATION

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MD (MB BS) (30<sup>th</sup> July 1996)  
"Federico II" University of Naples Medical School, Italy  
Grade: 110/110 cum laude

Specialty training (1<sup>st</sup> November 1996 – 12<sup>th</sup> October 2000)  
Public Health/Preventive Medicine/ subspecialty: Epidemiology & Public Health  
Department of Preventive Medical Sciences  
"Federico II" University of Naples Medical School, Italy  
Grade: 70/70 cum laude

Dissertation Title: *"Principles, mechanisms and implementation of primordial prevention: a challenge for community medicine of the future"*

## **SAVERIO STRANGES, MD, PhD**

PhD Epidemiology/Environmental Hygiene (November 2000 – February 2004)  
Department of Preventive Medical Sciences, “Federico II” University of Naples Medical School, Italy (PhD requirements completed at SUNY Buffalo, NY, USA, 2002-2004)  
Dissertation Title: “SETIL Study: epidemiologic multicenter study on the environmental risk factors for emolinphopoietic tumors in the childhood”

Postdoctoral Research Fellow (August 2002 – July 2005)  
Department of Social & Preventive Medicine  
School of Public Health and Health Professions  
State University of New York at Buffalo, Buffalo, NY, USA

Postgraduate Certificate in Academic and Professional Practice (PCAPP)  
January 2007-November 2009  
University of Warwick, UK

## **PROFESSIONAL EXPERIENCE**

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|               |                                                                                                                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10/16-current | Professor and Chair, Department of Epidemiology & Biostatistics, Schulich School of Medicine & Dentistry, Western University, London, ON, Canada                                                                                                                                |
| 4/2015-9/16   | Scientific Director Department of Population Health, Head of Epidemiology & Public Health Research Unit, Luxembourg Institute of Health (LIH)                                                                                                                                   |
| 2011-3/2015   | Associate Clinical Professor of Cardiovascular Epidemiology (tenured), Director of Clinical Academic Training in Public Health, Division of Health Sciences, University of Warwick Medical School, Coventry, UK, Honorary Consultant Physician in Public Health Medicine (UHCW) |
| 2006-2011     | Senior Clinical Lecturer in Cardiovascular Epidemiology (not tenured), Division of Health Sciences, University of Warwick, UK                                                                                                                                                   |
| 2005-2006     | Assistant Professor, Department of Epidemiology & Environmental Health, State University of New York at Buffalo, Buffalo, NY, USA                                                                                                                                               |
| 2002-2005     | Research Instructor, Department of Epidemiology & Environmental Health, State University of New York at Buffalo, Buffalo, NY, USA                                                                                                                                               |
| 1996-2000     | Resident in Preventive Medicine, "Federico II" University of Naples Medical School, Italy                                                                                                                                                                                       |

## **CERTIFICATION AND SPECIALTY BOARDS**

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| 2020 | Vice-President, Chronic Diseases Section, European Public Health Association (EUPHA) |
| 2007 | Fellow of the Faculty of Public Health (UK)                                          |
| 2006 | Board Certification (UK) in Public Health Medicine                                   |
| 2006 | National Boards (UK) in Medicine and Surgery (GMC number: 6146205)                   |
| 2000 | Board Certification (Italy) in Preventive Medicine                                   |
| 1997 | National Boards (Italy) in Medicine and Surgery                                      |

## **PROFESSIONAL AWARDS**

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| 2014 | Recipient of the Trudy Bush Fellowships for Cardiovascular Disease Research in Women's Health, Epidemiology & Prevention/Nutrition, Physical Activity & Metabolism 2014 Scientific Sessions, March 18-21, 2014, San Francisco, CA, USA |
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## **SAVERIO STRANGES, MD, PhD**

- 2006 Finalist for the Sandra Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology at the 46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, March 2-5, 2006, Phoenix, AZ, USA
- 2004 First Prize for Research in Population Sciences, J. Warren Perry Lecture 2004, State University of New York at Buffalo, Buffalo, NY, USA
- 1996 Magna Cum Laude, "Federico II" University of Naples Medical School, Italy

## **PROFESSIONAL AFFILIATIONS**

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Fellow of the American Heart Association (FAHA), Fellow of the Faculty of Public Health (UK) European Public Health Association (Governing Board), Canadian Society for Epidemiology and Biostatistics (CSEB), World Sleep Society (Governing Council member)

## **EDITORIAL ACTIVITIES**

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### Peer review activities

Addiction, American Journal of Epidemiology, Annals of Epidemiology, Annals of Internal Medicine, Archives of Internal Medicine, British Medical Journal, Circulation, Diabetes, Diabetes Care, Epidemiology, European Heart Journal, Hypertension, Journal of Behavioural Medicine, Journal of Human Hypertension, Journal of Hypertension, Metabolism, Nutrition Metabolism & Cardiovascular Disease, PLoSOne, Preventive Medicine

Regular abstract reviewer for the annual Scientific Sessions on Cardiovascular Disease Epidemiology & Prevention, Nutrition, Physical Activity & Metabolism, American Heart Association (USA), and the annual scientific meeting of the Society for Social Medicine (UK)

### Editorial board memberships

- 2008- Associate Editor, *Nutrition Metabolism & Cardiovascular Disease (NMCD)*  
(<http://www.nmcd-journal.com/>)
- 2014- Associate Editor, *Sleep Health* (<http://www.journals.elsevier.com/sleep-health/>)
- 2015- Associate Editor, *International Journal of Public Health*  
(<http://www.springer.com/public+health/journal/38?detailsPage=editorialBoard>)
- 2019- Associate Editor, *BMC Public Health*  
(<https://bmcpublichealth.biomedcentral.com/about/editorial-board>)
- 2020- Associate Editor, *Frontiers in Nutrition*  
(<https://www.frontiersin.org/journals/nutrition#editorial-board>)
- 2023- Associate Editor, *European Journal of Public Health*  
([https://academic.oup.com/eurpub/pages/Editorial\\_Board](https://academic.oup.com/eurpub/pages/Editorial_Board))

## **RESEARCH INTERESTS**

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- Cardio-metabolic disease epidemiology and prevention
- Dietary patterns, micronutrients, and chronic disease
- Sleep patterns and chronic disease
- Multimorbidity and Aging research
- Global Public Health
- Evidence synthesis, systematic reviews, and meta-analysis

**CLINICAL WORK/PUBLIC HEALTH MEDICINE**

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- Director of the Academic Clinical Training in Public Health at the University of Warwick Medical School (2010-2015).
- Honorary Consultant Physician in Public Health Medicine at the University Hospital of Coventry and Warwickshire (UHCW), working in the Lipid and Coronary Prevention Outpatient Clinics, within the WISDEM (Warwickshire InStitute for Diabetes, Endocrinology and Metabolism) Centre (2011-2015).
- Clinical expertise in the management of high-risk cardiovascular subjects by combining both pharmacological treatment and lifestyle modifications.

**PUBLICATIONS IN PEER-REVIEWED JOURNALS (h-index = 76, >55,000 citations)**

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1. Comer L, Donelle L, Ngole M, Shelley JJ, Kothari A, Smith M, Shelley JM, **Stranges S**, et al. An investigation of media reports of digital surveillance within the first year of the COVID-19 pandemic. *Front Digit Health*. 2023 Jul 24;5:1215685.
2. Nistor P, Chang-Kit B, Nicholson K, Anderson KK, **Stranges S**. The relationship between sleep health and multimorbidity in community dwelling populations: Systematic review and global perspectives. *Sleep Med*. 2023;109:270-284.
3. Cuschieri S, Bejko D, **Stranges S**. No country is safe from a pandemic: insights into small countries' COVID-19 experiences. *Eur J Public Health*. 2023 Jul 9:ckad114.
4. Ali S, Thind A, **Stranges S**, Campbell MK, Sharma I. Investigating Health Inequality Using Trend, Decomposition and Spatial Analyses: A Study of Maternal Health Service Use in Nepal. *Int J Public Health*. 2023;68:1605457.
5. Donelle L, Comer L, Hiebert B, Hall J, Shelley JJ, Smith MJ, Kothari A, Burkell J, **Stranges S**, et al. Use of digital technologies for public health surveillance during the COVID-19 pandemic: A scoping review. *Digit Health*. 2023;9:20552076231173220.
6. Woods N, Seabrook JA, Haines J, **Stranges S**, Minaker L, O'Connor C, Doherty S, Gilliland J. Breakfast Consumption and Diet Quality of Teens in Southwestern Ontario. *Curr Dev Nutr*. 2023;7(2):100003. [\[Medline\]](#)
7. Were JM, **Stranges S**, et al. The double burden of malnutrition among women of reproductive age and preschool children in low- and middle-income countries: A scoping review and thematic analysis of literature. *Nutrition*. 2023;111:112053. [\[Medline\]](#)
8. Clemens KK, Ernst J, Khan T, Reichert S, Khan Q, LaPier H, Chiu M, **Stranges S**, Sahi G, Castrillon-Ramirez F, Moist L; OK TRANSPLANT Investigators. Glucagon-like peptide 1 receptor agonists in end-staged kidney disease and kidney transplantation: A narrative review. *Nutr Metab Cardiovasc Dis*. 2023;33(6):1111-1120. [\[Medline\]](#)
9. Gaudin V, **Stranges S**, Wilk P, Sarma S. School nutrition policy and diet quality of children and youth: a quasi-experimental study from Canada. *Can J Public Health*. 2023;doi:10.17269/s41997-023-00743-y. [\[Medline\]](#)
10. Vahid F, Hoge A, Hébert JR, Bohn T; ORISCAV working group (including **Stranges S**). Association of diet quality indices with serum and metabolic biomarkers in participants of the ORISCAV-LUX-2 study. *Eur J Nutr*. 2023;doi:10.1007/s00394-023-03095-y.
11. Sharma I, Karen Campbell M, Choi YH, Luginaah I, Were JM, Vargas-Gonzales JC, **Stranges S**. Does the place of residence influence your risk of being hypertensive? A study-based on Nepal Demographic and Health Survey. *Hypertens Res*. 2023;doi:10.1038/s41440-023-01217-x. [\[Medline\]](#)
12. Singh SS, **Stranges S**, Wilk P, Tang ASL, Frisbee SJ. Influence of the Social Environment on Ideal Cardiovascular Health. *J Am Heart Assoc*. 2023;12(4):e026790.
13. Rodrigues R, Nicholson K, Wilk P, Guaiana G, **Stranges S**, Anderson KK. Sleep Problems and Psychological Well-being: Baseline Findings from the Canadian Longitudinal Study on Aging. *Can J Aging*. 2023;42(2):230-240. [\[Medline\]](#)
14. Ali S, Jacub A, **Stranges S**. COVID-19 vaccine inequity and Big Pharma: time to rethink our love affair? *Can J Public Health*. 2023;114(1):80-81. [\[Medline\]](#)

15. Nicholson K, Makovski TT, Nagyova I, van den Akker M, **Stranges S**. Strategies to improve health status among adults with multimorbidity: A scoping review. *Maturitas*. 2023;167:24-31. [\[Medline\]](#)
16. Dwomoh D, Sewor C, Annim SK, **Stranges S**, Kandala NB, Amegah AK. Do dietary practices and household environmental quality mediate socioeconomic inequalities in child undernutrition risk in West Africa? *Public Health Nutr*. 2023;26(5):1022-1033.
17. Collings PJ, Backes A, Aguayo GA, Malisoux L; ORISCAV-LUX study group (including **Stranges S**). Device-measured physical activity and sedentary time in a national sample of Luxembourg residents: the ORISCAV-LUX 2 study. *Int J Behav Nutr Phys Act*. 2022;19(1):161. [\[Medline\]](#)
18. Backes A, Aguayo GA, Collings PJ, El Fatouhi D, Fagherazzi G, Malisoux L; ORISCAV-LUX Study Group (including **Stranges S**). Associations Between Wearable-Specific Indicators of Physical Activity Behaviour and Insulin Sensitivity and Glycated Haemoglobin in the General Population: Results from the ORISCAV-LUX 2 Study. *Sports Med Open*. 2022;8(1):146. [\[Medline\]](#)
19. **Stranges S**, Luginaah I. Nutrition and health: Time for a paradigm shift for climate change. *Nutr Metab Cardiovasc Dis*. 2022;32(12):2782-2785. [\[Medline\]](#)
20. Alonzo R, Anderson KK, Rodrigues R, Klar N, Chiodini P, Montero-Odasso M, **Stranges S**. Does Shiftwork Impact Cognitive Performance? Findings from the Canadian Longitudinal Study on Aging (CLSA). *Int J Environ Res Public Health*. 2022;19(16):10124.
21. Im JHB, Rodrigues R, Anderson KK, Wilk P, **Stranges S**, Nicholson K. Examining the prevalence and correlates of multimorbidity among community-dwelling older adults: cross-sectional evidence from the Canadian Longitudinal Study on Aging (CLSA) first-follow-up data. *Age Ageing*. 2022;51(8):afac165. [\[Medline\]](#)
22. Hussain J, Ling L, Alonzo R, Rodrigues R, Nicholson K, **Stranges S**, et al. Associations between sleep patterns, smoking, and alcohol use among older adults in Canada: insights from the Canadian Longitudinal Study on Aging. *Addict Behav*. 2022; 132:107345. [\[Medline\]](#)
23. Wiley ER, **Stranges S**, Gilliland JA, Anderson KK, Seabrook JA Residential greenness and substance use among youth and young adults: Associations with alcohol, tobacco, and marijuana use. *Environ Res*. 2022;212(Pt A):113124. [\[Medline\]](#)
24. Asif Z, Chen Z, **Stranges S**, et al. Dynamics of SARS-CoV-2 spreading under the influence of environmental factors and strategies to tackle the pandemic: A systematic review. *Sustain Cities Soc*. 2022;81:103840. [\[Medline\]](#)
25. GBD 2019 Ageing Collaborators (including **Stranges S**). Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study. *BMJ*. 2022;376:e068208. [\[Medline\]](#)
26. Clarke M, Ali S, Silverman M, **Stranges S**. Global Vaccine Equity to end the COVID-19 pandemic: A Canadian Perspective and Call to Action. *Int J Public Health*. 2022; 67:1604729. [\[Medline\]](#)
27. Berkane S, Harizi I, Tayebi A, Silverman M, **Stranges S**. Should We Delay the Second COVID-19 Vaccine Dose in Order to Optimize Rollout? A Mathematical Perspective. *Int J Public Health*. 2022;66:1604312. [\[Medline\]](#)
28. Steenkamp L, Siggers RT, Bandini R, **Stranges S**, et al. Small steps, strong shield: directly measured, moderate physical activity in 65 361 adults is associated with significant protective effects from severe COVID-19 outcomes. *Br J Sports Med*. 2022;56(10):568-576. [\[Medline\]](#)
29. Dwomoh D, Sewor C, Mohammed SA, Annim SK, **Stranges S**, Kandala NB, Amegah AK. Secular trends in low birth weight and child undernutrition in West Africa: Evidence from complex nationwide surveys, 1985-2019. *Public Health Nutr*. 2022;25(9):2358-70. [\[Medline\]](#)
30. Edwards J, Chiu M, Rodrigues R, Thind A, **Stranges S**, Anderson KK. Examining Variations in the Prevalence of Diagnosed Mood or Anxiety Disorders Among Migrant



- Groups in Ontario, 1995-2015: A Population-Based, Repeated Cross-Sectional Study. *Can J Psychiatry*. 2022;67(2):130-139. [\[Medline\]](#)
31. Rodrigues M, **Stranges S**, Ryan BL, Anderson KK. The prevalence of physical multimorbidity among people with non-affective psychotic disorders 10 years after first diagnosis: a matched retrospective cohort study. *Soc Psychiatry Psychiatr Epidemiol*. 2022;57(3):495-503. [\[Medline\]](#)
32. Aguayo GA, Pastore J, Backes A, **Stranges S**, et al. Objective and subjective sleep measures are associated with HbA1c and insulin sensitivity in the general population: Findings from the ORISCAV-LUX-2 study. *Diabetes Metab*. 2022;48(1):101263. [\[Medline\]](#)
33. Morovatdar N, Avan A, Azarpazhooh MR, Di Napoli M, **Stranges S**, et al. Secular trends of ischaemic heart disease, stroke, and dementia in high-income countries from 1990 to 2017: the Global Burden of Disease Study 2017. *Neurol Sci*. 2022;43(1):255-264. [\[Medline\]](#)
34. Avan A, Hachinski V; Brain Health Learn and Act Group (including **Stranges S**). Brain health: Key to health, productivity, and well-being. *Alzheimers Dement*. 2022; 18(7):1396-1407. [\[Medline\]](#)
35. Nunez EC, Nunes S, Khan A, **Stranges S**, Wilk P. Associations between Major Health Behaviors and Sleep Problems: Results from the 2015, 2016, 2017 Canadian Community Health Survey. *Behav Sleep Med*. 2022;20(5):584-597. [\[Medline\]](#)
36. Wilk P, **Stranges S**, Belloc R, Bohn T, Samouda H, Nicholson K, Makovski TT, Maltby A. Multimorbidity in large Canadian urban centres: A multilevel analysis of pooled 2015-2018 cross-sectional cycles of the Canadian Community Health Survey. *J Comorb*. 2021;11:26335565211058037. [\[Medline\]](#)
37. Were JM, **Stranges S**, Sharma I, Vargas-Gonzalez JC, Campbell MK Examining the double burden of malnutrition for preschool children and women of reproductive age in low-income and middle-income countries: a scoping review protocol. *BMJ Open*. 2021;11(12):e054673. [\[Medline\]](#)
38. Donelle L, Hall J, Hiebert B, Shelley JJ, Smith MJ, Gilliland J, **Stranges S**, et al. Digital technology and disease surveillance in the COVID-19 pandemic: a scoping review protocol. *BMJ Open*. 2021;11(10):e053962. [\[Medline\]](#)
39. Adams J, MacKenzie MJ, Amegah AK, Ezech A, Gadanya MA, Omigbodun A, Sarki AM, Thistle P, Ziraba AK, **Stranges S**, et al. The Conundrum of Low COVID-19 Mortality Burden in sub-Saharan Africa: Myth or Reality? *Glob Health Sci Pract*. 2021;9(3):433-443. [\[Medline\]](#)
40. GBD 2019 Stroke Collaborators (including **Stranges S**). Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurol*. 2021;20(10):795-820. [\[Medline\]](#)
41. Andreacchi AT, Oz UE, Bassim C, Griffith LE, Mayhew A, Pigeyre M, **Stranges S**, et al. Clustering of obesity-related characteristics: A latent class analysis from the Canadian Longitudinal Study on Aging. *Prev Med*. 2021;153:106739. [\[Medline\]](#)
42. Avan A, Amiri A, Mokhber N, Erfanian M, Cipriano LE, **Stranges S**, Babaei GS, Abootalebi S, Azarpazhooh MR. Association of lewy bodies, hippocampal sclerosis and amyloid angiopathy with dementia in community-dwelling elderly: A systematic review and meta-analysis. *J Clin Neurosci*. 2021;90:124-131. [\[Medline\]](#)
43. Brown R, Seabrook JA, **Stranges S**, Clark AF, Haines J, O'Connor C, Doherty S, Gilliland JA. Examining the Correlates of Adolescent Food and Nutrition Knowledge. *Nutrients*. 2021;13(6):2044. [\[Medline\]](#)
44. de Simone G, **Stranges S**, Gentile I. Incidence of cerebral venous thrombosis and covid-19 vaccination. *Eur Heart J Cardiovasc Pharmacother*. 2021;7(4):e77-e78. [\[Medline\]](#)
45. Ruiz-Castell M, Samouda H, Bocquet V, Fagherazzi G, **Stranges S**, et al. Estimated visceral adiposity is associated with risk of cardiometabolic conditions in a population-based study. *Sci Rep*. 2021;11(1):9121. [\[Medline\]](#)
46. Rees K, Al-Khudairy L, Takeda A, **Stranges S**. Vegan dietary pattern for the primary and secondary prevention of cardiovascular diseases. *Cochrane Database Syst Rev*. 2021; 2:CD013501. [\[Medline\]](#)

47. Hadwen B, **Stranges S**, Barra L. Risk factors for hypertension in rheumatoid arthritis patients-A systematic review. *Autoimmun Rev*. 2021;20(4):102786. [\[Medline\]](#)
48. Mokhber N, Andalibi MSS, Morovatdar N, Thrift AG, Kapral MK, **Stranges S**, et al. Self-perceived acute psychological stress and risk of mortality, recurrence, and disability after stroke: Mashhad Stroke Incidence Study. *Stress Health*. 2021;37(4):819-825.
49. Andreacchi AT, Griffith LE, Guindon GE, Mayhew A, Bassim C, Pigeys M, **Stranges S**, Anderson LN. Body mass index, waist circumference, waist-to-hip ratio, and body fat in relation to health care use in the Canadian Longitudinal Study on Aging. *Int J Obes (Lond)*. 2021;45(3):666-676. [\[Medline\]](#)
50. Edwards J, Pananos AD, Thind A, **Stranges S**, Chiu M, Anderson KK. A Bayesian approach to estimating the population prevalence of mood and anxiety disorders using multiple measures. *Epidemiol Psychiatr Sci*. 2021;30:e4:1-7. [\[Medline\]](#)
51. Yarmol-Matusiak EA, Cipriano LE, **Stranges S**. A comparison of COVID-19 epidemiological indicators in Sweden, Norway, Denmark, and Finland. *Scand J Public Health*. 2021;49(1):69-78. [\[Medline\]](#)
52. Alonzo RT, Hussain J, **Stranges S**, Anderson KK. *Interplay between social media use, sleep quality, and mental health in youth: A systematic review*. *Sleep Med Rev*. 2021;56:101414.
53. Rodrigues M, Wiener JC, **Stranges S**, Ryan BL, Anderson KK. The risk of physical multimorbidity in people with psychotic disorders: A systematic review and meta-analysis. *J Psychosom Res*. 2021;140:110315. [\[Medline\]](#)
54. Morovatdar N, Di Napoli M, **Stranges S**, et al. Regular physical activity postpones age of occurrence of first-ever stroke and improves long-term outcomes. *Neurol Sci*. 2021;42(8):3203-3210. [\[Medline\]](#)
55. Ciccone G, Deandrea S, Clavenna A, Kirchmayer U, Simeon V, Acampora A, Agabiti N, Angelici L, Banzi R, Cadum E, Castiglione A, Chiodini P, Colombo C, Ferroni E, Migliore E, Nisticò L, Pagano E, Sabelli AM, Sacerdote C, Silvestri C, Soldati S, **Stranges S**, et al. Covid-19 and clinical-epidemiological research in Italy: proposal of a research agenda on priority topics by the Italian association of epidemiology. *Epidemiol Prev*. 2020;44(5-6 Suppl 2):51-59. [\[Medline\]](#)
56. Roth GA, et al; GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group (including **Stranges S**). Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. *J Am Coll Cardiol*. 2020;76(25):2982-3021. [\[Medline\]](#)
57. Silverman M, Clarke M, **Stranges S**. Did lessons from SARS help Canada's response to COVID-19? *Am J Public Health* 2020;110(12):1797-1799. [\[Medline\]](#)
58. Sarki AM, Ezech A, **Stranges S**. Uganda as a role model for pandemic containment in Africa. *Am J Public Health* 2020;110(12):1800-1802. [\[Medline\]](#)
59. Were JM, **Stranges S**, Creed IF. Fertility is a key predictor of the double burden of malnutrition among women of child-bearing age in sub-Saharan Africa. *J Glob Health*. 2020;10(2):020423. [\[Medline\]](#)
60. Makovski TT, Le Coroller G, Putrik P, Choi YH, Zeegers MP, **Stranges S**, et al. Role of clinical, functional and social factors in the association between multimorbidity and quality of life: Findings from the Survey of Health, Ageing and Retirement in Europe (SHARE). *PLoS One*. 2020;15(10):e0240024. [\[Medline\]](#)
61. GBD 2019 Viewpoint Collaborators (including **Stranges S**). Five insights from the Global Burden of Disease Study 2019. *Lancet*. 2020;396(10258):1135-1159. [\[Medline\]](#)
62. Ghoreishi A, Arsang-Jang S, Sabaa-Ayoun Z, Yassi N, Sylaja PN, Akbari Y, Divani AA, Biller J, Phan T, Steinwender S, Silver B, Zand R, Basri HB, Iqbal OM, Ranta A, Ruland S, Macri E, Ma H, Nguyen TN, Abootalebi S, Gupta A, Alet M, Lattanzi S, Desai M, Gagliardi RJ, Girotra T, Inoue M, Yoshimoto T, Isaac CF, Mayer SA, Morovatdar N, Nilanont Y, Nobleza COS, Saber H, Kamenova S, Kondybayeva A, Krupinski J, Siegler JE, **Stranges S**, et al. Stroke Care Trends During COVID-19 Pandemic in Zanzibar

- Province, Iran. From the CASCADE Initiative: Statistical Analysis Plan and Preliminary Results. *J Stroke Cerebrovasc Dis*. 2020;29(12):105321. [\[Medline\]](#)
63. Nunes S, Campbell MK, Klar N, Reid GJ, **Stranges S**. Relationships between sleep and internalizing problems in early adolescence: Results from Canadian National Longitudinal Survey of Children and Youth. *J Psychosom Res*. 2020;139:110279.
64. Nicholson K, De Burghgraeve T, Fortin M, Griffith LE, Licher S, Lizotte D, Mair FS, Miozzo R, Nouri MS, Ryan BL, Lee ES, Smith S, Stewart M, Terry AL, Tisminetzky M, Ukhanova M, Wetmore S, **Stranges S**. Advancing cross-national planning and partnership: Proceedings from the International Multimorbidity Symposium 2019. *Journal of Comorbidity*. 2020;10:2235042X20953313. [\[Medline\]](#)
65. Rees K, Takeda A, Martin N, Ellis L, Wijesekara D, Vepa A, Das A, Hartley L, **Stranges S**. Mediterranean-Style Diet for the Primary and Secondary Prevention of Cardiovascular Disease: A Cochrane Review. *Glob Heart*. 2020;15(1):56. [\[Medline\]](#)
66. Nicholson K, Rodrigues R, Anderson KK, Wilk P, Guaiana G, **Stranges S**. Sleep behaviours and multimorbidity occurrence in middle-aged and older adults: findings from the Canadian Longitudinal Study on Aging (CLSA). *Sleep Med*. 2020;75:156-162.
67. Azarpazhooh MR, Morovatdar N, Avan A, Phan TG, Divani AA, Yassi N, **Stranges S**, et al. COVID-19 Pandemic and Burden of Non-Communicable Diseases: An Ecological Study on Data of 185 Countries. *J Stroke Cerebrovasc Dis*. 2020;29:105089. [\[Medline\]](#)
68. Abootalebi S, et al (including **Stranges S**). Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). *J Stroke Cerebrovascular Dis*. 2020;29:104938.
69. Zarei M, Najafi M, Movahedi E, Javanbakht MH, Choi YH, Yaseri M, Shirvani A, Sellke FW, **Stranges S**. The predictive role of circulating telomerase and vitamin D for long-term survival in patients undergoing coronary artery bypass grafting surgery (CABG). *PLoS One*. 2020;15(8):e0237477. [\[Medline\]](#)
70. Silverman M, Sibbald R, **Stranges S**. Ethics of COVID-19-related school closures. *Can J Public Health*. 2020;111(4):462-465. [\[Medline\]](#)
71. Azarpazhooh MR, Amiri A, Morovatdar N, Steinwender S, Rezaei Ardani A, Yassi N, Biller J, **Stranges S**, et al. Correlations between COVID-19 and burden of dementia: An ecological study and review of literature. *J Neurol Sci*. 2020;416:117013. [\[Medline\]](#)
72. Ali S, Asaria M, **Stranges S**. COVID-19 and inequality: are we all in this together? *Can J Public Health*. 2020; 111(3):415-416. [\[Medline\]](#)
73. Shokoohi M, Osooli M, **Stranges S**. COVID-19 Pandemic: What Can the West Learn From the East? *Int J Health Policy Manag*. 2020;9(10):436-438. [\[Medline\]](#)
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**BOOK CHAPTERS**

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278. Della Valle E, **Stranges S**, Cajafa A, Guglielmucci G, Triassi M, Farinaro E. "Social inequalities, nutrition and health". In: *Frontiers in Cardiovascular Health* edited by Dhalla NS, Chockalingam A, Berkowitz HI, Singal PK. Pages 489-494, Kluwer Academic Publishers, Boston, 2003.

### **PUBLICATIONS IN PEER-REVIEWED JOURNALS (ITALIAN)**

279. **Stranges S**, Carbone U, Grieco L, Della Valle E, Cajafa A, Iorio A, Farinaro E. Health surveillance and promotion. Thirty years of observation of the metal industry in the Campania region. *Giornale Italiano di Medicina del Lavoro ed Ergonomia* 2003; 25(2):256.
280. **Stranges S**, Rubba F, Cajafa A, Guglielmucci G, Farinaro E. La crisi del Welfare State ed i Riflessi sulla Sanità. *Medic* 9(3): 160-164, 2001.
281. **Stranges S**, Guglielmucci G, Cajafa A, Barba M, Carbone U, Grieco L, Farinaro E. Campi elettromagnetici a frequenza estremamente bassa e tumori: un problema di Sanità Pubblica? *Poseidonia Medicina* 10: 13-18, 2001.
282. Farinaro E, Guglielmucci G, **Stranges S**, Panico S, Jossa F. Rischio cardiovascolare nella popolazione italiana: aspetti sociali ed economici. *Ipertensione e Prevenzione Cardiovascolare* 7 (2): 82-87, 2000.
283. Farinaro E, **Stranges S**, Guglielmucci G. Sale ed Ipertensione arteriosa: mito o realtà. *Igiene Moderna* 112: 653-680, 1999.
284. **Stranges S**, Guglielmucci G. Il ruolo della dieta nella etiologia delle malattie cronico-degenerative. *Poseidonia Medicina* 5: 6-9, 1999.
285. Farinaro E, **Stranges S**, Morelli L. Frequenza cardiaca e rischio cardiovascolare. *La Cardiologia nella pratica clinica* 3: 174-180, 1997.

### **CONFERENCE PRESENTATIONS**

- "Economic progress and the impending pandemic of cardiovascular diseases" in the International Symposium on: "Social inequalities and health". Naples, Italy, June 1, 1999.
- "From health promotion in the general population to rural workers security" in International Conference on Rural Health in Mediterranean and Balkan Countries. Bari, Italy, November 13-16, 2002.
- "Alcohol Intake, Drinking Pattern and Hepatic Enzymes in a Population-Based Study" in 36th Annual Meeting of Society for Epidemiological Research. Atlanta, Georgia, USA, June 11-14, 2003.
- "Fat Distribution, Body Mass Index and Liver Enzyme Levels: a Population-Based Study" in 15th Annual J. Warren Perry Lecture. University at Buffalo, Buffalo, New York, USA, November 7, 2003.
- "Lifetime total and beverage specific alcohol intake and prostate cancer risk" in 95th American Association for Cancer Research Annual Meeting. Orlando, Florida, USA, March 27-31, 2004.
- "Health surveillance an important tool to promote workers health care" in 4th European Conference on Promoting Workplace Health. Dublin, Ireland, June 14-15, 2004.

**SAVERIO STRANGES, MD, PhD**

“Race, Alcohol Consumption and Liver Enzymes in a Population-based Study, 1995-2001” in 37th Annual Meeting of Society for Epidemiological Research. Salt Lake City, Utah, USA, June 15-18, 2004.

“Greater hepatic vulnerability after alcohol intake in African-Americans compared with Caucasians-Americans: a population-based study” in 26th Research Society on Alcoholism Annual Meeting. Vancouver, Canada, June 26-30, 2004.

“Relationship of alcohol drinking pattern to the risk of hypertension: a population-based study” in 16th Annual J. Warren Perry Lecture. University at Buffalo, Buffalo, New York, USA, October 1, 2004.

“Effects of Selenium Supplementation on Cardiovascular Disease Incidence and Mortality: Secondary Analyses in a Randomized Clinical Trial” in 38th Annual Meeting of Society for Epidemiological Research. Toronto, Canada, June 27-30, 2005.

“Alcohol Drinking Pattern and Subjective Health in a Population-Based Study” in 12th Annual Meeting of the International Society for Quality of Life Research. San Francisco, California, USA, October 19-22, 2005.

“Exposure to second-hand smoke is associated with an increased risk of myocardial infarction in never smokers: a population-based case-control study” in 17th Annual J. Warren Perry Lecture. University at Buffalo, Buffalo, New York, USA, October 28, 2005.

“Body Fat Distribution, Liver Enzymes and Risk of Hypertension: Evidence from the Western New York Study” in the American Heart Association Scientific Sessions 2005. Dallas, Texas, USA, November 13-16, 2005.

“Lifetime cumulative exposure to second-hand smoke is associated with an increased risk of myocardial infarction in never smokers: a population-based case-control study” in 46th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Phoenix, Arizona, USA, March 2-5, 2006.

“Effects of Selenium Supplementation on Type 2 Diabetes Incidence: Secondary Analyses in a Randomized Clinical Trial” in 47th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Orlando, Florida, USA, February 28-March 3, 2007.

“Oxidation, diabetes and coronary heart disease, a complex interaction. Findings from a population-based study” in 40th Annual Meeting of Society for Epidemiological Research. Boston, Massachusetts, USA, June 19-22, 2007.

“Cross-sectional versus prospective associations of sleep duration with changes in relative weight and body fat distribution: the Whitehall II Study” in 19th Annual Scientific Meeting of the British Sleep Society. Robinson College, University of Cambridge, UK, 23-25 September 2007.

“Gender-specific associations of short sleep duration with prevalent and incident hypertension: the Whitehall II Study” in 19th Annual Scientific Meeting of the British Sleep Society. Robinson College, University of Cambridge, UK, 23-25 September 2007.

“Cross-sectional versus prospective associations of sleep duration with changes in relative weight and body fat distribution: the Whitehall II Study” in 48th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Colorado Springs, Colorado, USA, March 13-15, 2008.

**SAVERIO STRANGES, MD, PhD**

“Serum selenium and serum lipids in US adults” in 48th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Colorado Springs, Colorado, USA, March 13-15, 2008.

“Short sleep duration is associated with hypertension only among women: a population-based study” in Hypertension 2008. 18<sup>th</sup> Scientific Meeting European Society of Hypertension; 22<sup>nd</sup> Scientific Meeting International Society of Hypertension. Berlin, Germany, June 14-19, 2008.

"Short sleep duration is associated with hypertension only among women: a population-based study" in 19th Congress of the European Sleep Research Society, Glasgow, Scotland, 9-13<sup>th</sup> September 2008.

“Correlates of Short and Long Sleep Duration: Cross-cultural Comparison between UK and US. The Whitehall II Study and the Western New York Health Study” in 19th Congress of the European Sleep Research Society (SECC), Glasgow, Scotland, 9-13<sup>th</sup> September 2008.

“High-Normal Selenium Status is Associated with Adverse Lipid Profile in British Adults” in 49th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Tampa, Florida, USA, March 10-14, 2009.

“A Population-Based Study of Short Sleep Duration and Hypertension: The Strongest Association May Be in Premenopausal Women” in 49th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Tampa, Florida, USA, March 10-14, 2009.

“Short Sleep Duration Is Associated with Progression to Impaired Fasting Glucose: The Western New York Health Study” in 49th Cardiovascular Disease Epidemiology and Prevention Annual Conference. Tampa, Florida, USA, March 10-14, 2009.

“Prospective association of high dietary selenium intake with increased risk of type 2 diabetes” in 11<sup>th</sup> Symposium of the International Diabetes Epidemiology Group (IDEG), Official Academic Satellite Symposia of the 20th World Diabetes Congress. Quebec City, Canada, October 15-18, 2009.

“Selenium status and trajectories of cardio-metabolic risk factors: a 21-year follow-up of the Young Finns Study” in 50<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. San Francisco, California, USA, March 2-5, 2010.

“Acute coronary events following enactment of smoke-free legislations: a systematic review and meta-analysis” in 50<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. San Francisco, California, USA, March 2-5, 2010.

“Prospective association of high dietary selenium intake with increased risk of type 2 diabetes. The ORDET Cohort Study” in 50<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. San Francisco, California, USA, March 2-5, 2010.

“The interplay between B12 and folic acid on cardiovascular risk: do we need to consider mandatory B12 fortification?” in 50<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. San Francisco, California, USA, March 2-5, 2010.

“Cross-sectional versus prospective associations of selenium status with cardiometabolic risk factors: an 8-year follow-up analysis of the Olivetti Heart Study”. 20<sup>th</sup> Scientific Meeting European Society of Hypertension. Oslo, Norway, June 18-21, 2010.

**SAVERIO STRANGES, MD, PhD**

“Correlates of quality of life: a cross-cultural comparison between UK and US. The Whitehall II Study and the Western New York Health Study” in 17<sup>th</sup> Annual Meeting of the International Society for Quality of Life Research. London, UK, October 27-30, 2010.

“Cross-sectional versus prospective associations of selenium Status with cardiometabolic risk factors: an 8-year follow-up analysis of the Olivetti Heart Study” in 51<sup>st</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. Atlanta, Georgia, USA, March 22-25, 2011.

“Effect of supplementation with high-selenium yeast on plasma lipids: a randomized, controlled trial” in 51<sup>st</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. Atlanta, Georgia, USA, March 22-25, 2011.

“Blood pressure and the risk of impaired fasting glucose. A sex specific effect? The Western New York Health Study” in 51<sup>st</sup> Cardiovascular Disease Epidemiology and Prevention Annual Conference. Atlanta, Georgia, USA, March 22-25, 2011.

“Vitamin D to reduce depressive symptoms: a systematic review” in Society for Social Medicine 55<sup>th</sup> Annual Scientific Meeting. University of Warwick, Coventry, UK, September 14-16, 2011.

“Spatial Variation of Predictors of Hypertension in Sub-Saharan Africa: A Case Study of South-Africa” in Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2012 Scientific Sessions, American Heart Association, San Diego, CA, March 13-16, 2012.

“Geographic Co-morbidity of Cardiovascular Diseases in South Africa” in Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2012 Scientific Sessions, American Heart Association, San Diego, CA, March 13-16, 2012.

“Results of a Randomised trial of Selenium Supplementation and Type-2 diabetes Risk, as Assessed by Plasma Adiponectin” in Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2012 Scientific Sessions, American Heart Association, San Diego, CA, March 13-16, 2012.

“Sleep Problems: an Emerging Global Epidemic? Findings from the INDEPTH WHO-SAGE study among over 40,000 older adults from eight countries across Africa and Asia” in 21<sup>st</sup> Congress of the European Sleep Research Society, Paris, France, 4-8 September 2012

“Selenium supplementation for the primary prevention of cardiovascular disease” in Society for Social Medicine 56<sup>th</sup> Annual Scientific Meeting. London School of Hygiene & Tropical Medicine, London, UK, September 12-14, 2012.

“Estimating EQ-5D utility values for major health behavioral risk factors in England” in Society for Social Medicine 56<sup>th</sup> Annual Scientific Meeting. London School of Hygiene & Tropical Medicine, London, UK, September 12-14, 2012.

“Sleep Problems: an Emerging Global Epidemic? Findings from the INDEPTH WHO-SAGE study among over 40,000 older adults from eight countries across Africa and Asia” in Society for Social Medicine 56<sup>th</sup> Annual Scientific Meeting. London School of Hygiene & Tropical Medicine, London, UK, September 12-14, 2012.

“Selenium supplementation for the primary prevention of cardiovascular disease: a Cochrane systematic review” in Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions, American Heart Association, New Orleans, LA, March 19-22, 2013.



**SAVERIO STRANGES, MD, PhD**

“Mediterranean dietary pattern for the primary prevention of cardiovascular disease: a Cochrane systematic review” in Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions, American Heart Association, New Orleans, LA, March 19-22, 2013.

“Clinical effectiveness of risk factor interventions for preventing cardiovascular events in HIV-patients on antiretroviral therapy: a systematic review” in Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions, American Heart Association, New Orleans, LA, March 19-22, 2013.

“Geographic Variation of Overweight/Obesity among Women in Sub-Saharan Africa: A Case Study of Nigeria” in Epidemiology & Prevention/Nutrition, Physical Activity & Metabolism 2014 Scientific Sessions, March 18-21, 2014, San Francisco, CA, USA.

“Urbanization and Geographic Variation of Overweight/Obesity in India: the 2005-06 India Demographic Health Survey” in Epidemiology & Prevention/Nutrition, Physical Activity & Metabolism 2014 Scientific Sessions, March 18-21, 2014, San Francisco, CA, USA.

“Health-related quality of life and risk of hypertension in the Community: a prospective analysis from the Western NY Health Study” in Epidemiology & Prevention/Nutrition 2014 Scientific Sessions American Heart Association March 18-21-2014, San Francisco, CA, USA

“Central Obesity and the Emerging Epidemic of Type 2 Diabetes in Saudi Arabia” in Epidemiology and Prevention, Lifestyle and Cardiometabolic Health, 2015 Scientific Sessions, American Heart Association, March 3-6, 2015, Baltimore, Maryland, USA.

A Alkerwi, I El Bahi, N-B Kandala, **S Stranges**. Geographic variations of cardio metabolic risk factors in Luxembourg. European Journal of Public Health, Volume 26, Issue suppl\_1, 1 November 2016, ckw174.113. 9<sup>th</sup> European Public Health Conference, 9-12 November 2016, Vienna, Austria.

A Alkerwi, B Baydarlioglu, N Sauvageot, **S Stranges**, P Lemmens. Smoking status is inversely associated with overall diet quality: findings from the ORISCAV-LUX study. European Journal of Public Health, Volume 26, Issue suppl\_1, 1 November 2016, ckw174.154. 9<sup>th</sup> European Public Health Conference, 9-12 November 2016, Vienna, Austria.

G Aguayo, A-F Donneau, MT Vaillant, F Fays, **S Stranges**, et al. Mortality prediction of 35 frailty scores in a 7-years follow-up study in elderly general population. European Journal of Public Health, Volume 26, Issue suppl\_1, 1 November 2016, ckw174.044. 9<sup>th</sup> European Public Health Conference, 9-12 November 2016, Vienna, Austria.

**Saverio Stranges**, et al. Abstract P063: The Overall Burden of Pre-diabetes and Diabetes in Luxembourg: Resembling the US Scenario. Circulation. 2017;135:AP063. American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2017 Scientific Sessions, March 07-10, 2017, Portland, Oregon, USA.

Ala'a Alkerwi, Nicolas Sauvageot, **Saverio Stranges**, et al. Abstract P353: New Evidence on the Association of Physical Activity and Chronic Kidney Disease: ORISCAV-LUX Study. Circulation. 2017;135:AP353. American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2017 Scientific Sessions, March 07-10, 2017, Portland, Oregon, USA.

Margaret Rayman, Kristian H Winther, Roberto Pastor-Barriuso, Frederick Cold, Marianne Thvilum, **Saverio Stranges**, et al. Abstract 16: Effect of Long-Term Selenium Supplementation on Mortality: Results From a Multiple-Dose Randomised Controlled Trial. Circulation. 2017;135:A16. American Heart Association's Epidemiology and

**SAVERIO STRANGES, MD, PhD**

Prevention/Lifestyle and Cardiometabolic Health 2017 Scientific Sessions, March 07-10, 2017, Portland, Oregon, USA.

Gloria A Aguayo, Anna Schritz, Anne-Françoise Donneau, Michel T Vaillant, **Saverio Stranges**, Laurent Malissoux, Michèle Guillaume, Majon Muller and Daniel R Witte. Abstract P011: Predictive Ability of 35 Frailty Scores for Cardiovascular Events in the General Population. *Circulation*. 2017;135:AP011. American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2017 Scientific Sessions, March 07-10, 2017, Portland, Oregon, USA.

Frisbee SJ, Suskin N, **Stranges S**, Pierce A, Ricci J. Health care system re-design to achieve universal access to cardiac rehabilitation services: implications for population health and health policy. *American Heart Association Quality of Care & Outcomes Research 2018 Scientific Sessions*. Arlington, VA, April 6-7, 2018. *Circulation: Cardiovascular Quality and Outcomes*. 2018;11 (Suppl. 1):A7. [Oral Presentation; Published Abstract]

Frisbee SJ, Suskin N, **Stranges S**, Pierce A, Ricci J. Determinants of successful completion of cardiac rehabilitation when secondary prevention programs are made universally accessible. *American Heart Association Quality of Care & Outcomes Research 2018 Scientific Sessions*. Arlington, VA, April 6-7, 2018. *Circulation: Cardiovascular Quality and Outcomes*. 2018;11 (Suppl. 1):A34. [Oral Presentation; Published Abstract]

Suskin N, Frisbee SJ, **Stranges S**, Pierce A, Ricci J. Outcomes of a region-wide cardiac rehabilitation. *American Heart Association Quality of Care & Outcomes Research 2018 Scientific Sessions*. Arlington, VA, April 6-7, 2018. *Circulation: Cardiovascular Quality and Outcomes*. 2018;11 (Suppl. 1):A202. [Poster; Published Abstract]

Frisbee SJ, Suskin N, **Stranges S**, Pierce A, Ricci J. Determinants of successful completion of cardiac rehabilitation when secondary prevention programs are made universally accessible. *XVIII<sup>th</sup> International Symposium on Atherosclerosis*. Toronto, ON, June 9-12, 2018. [Poster; Published abstract forthcoming in *Atherosclerosis Journal*]

Suskin N, Frisbee SJ, **Stranges S**, Pierce A, Ricci J. Outcomes of a region-wide cardiac rehabilitation. *XVIII<sup>th</sup> International Symposium on Atherosclerosis*. Toronto, ON, June 9-12, 2018. [Oral Presentation; Published abstract forthcoming in *Atherosclerosis Journal*]

Frisbee SJ, Suskin N, **Stranges S**, Pierce A, Ricci J. Health care system re-design to achieve universal access to cardiac rehabilitation services: implications for population health and health policy *XVIII<sup>th</sup> International Symposium on Atherosclerosis*. Toronto, ON, June 9-12, 2018. [Poster; Published abstract forthcoming in *Atherosclerosis Journal*]

**Stranges S**, Rayman MP, Winther KH, Guallar E, Cold S, Pastor-Barriuso R. Effect of selenium supplementation on changes in glycated haemoglobin (HbA<sub>1c</sub>): Results from a multiple-dose, randomized controlled trial. *European Congress of Epidemiology*, 4-6 July, 2018, Lyon, France.

Ricci J, Suskin N, **Stranges S**, et al. Cardiovascular rehabilitation services re-designed as an integrated system achieves greater cost efficiencies: implications for health policy. *American Society of Preventive Cardiology 2018 Congress on Cardiovascular Disease Prevention*. Santa Ana Pueblo, NM, July 27-29, 2018.

Ricci J, Suskin N, **Stranges S**, et al. Impact on hospital utilization after a health region in Ontario implements an integrated cardiovascular rehabilitation and secondary prevention system. *American Society of Preventive Cardiology 2018 Congress on Cardiovascular Disease Prevention*. Santa Ana Pueblo, NM, July 27-29, 2018.

**SAVERIO STRANGES, MD, PhD**

Ricci J, Suskin N, **Stranges S**, et al. Impact on emergency department and physician utilization after a health region in Ontario implements an integrated cardiovascular rehabilitation and secondary prevention system. *American Society of Preventive Cardiology 2018 Congress on Cardiovascular Disease Prevention*. Santa Ana Pueblo, NM, July 27-29, 2018.

Ricci J, Suskin N, **Stranges S**, et al. Health care system re-design to achieve universal access to cardiac rehabilitation services: implications completion & participation rates. *American Society of Preventive Cardiology 2018 Congress on Cardiovascular Disease Prevention*. Santa Ana Pueblo, NM, July 27-29, 2018.

Ricci J, Suskin N, **Stranges S**, Pierce A, Fair T, Appasamy T, Frisbee SJ. An integrated, region-wide cardiac rehabilitation system: impact on hospital utilization & length of stay. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Suskin N, Frisbee SJ, **Stranges S**, Pierce A, Ricci J. An integrated, region-wide cardiac rehabilitation system lowers mortality and re-hospitalization. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Ricci J, Suskin N, **Stranges S**, Pierce A, Fair T, Appasamy T, Frisbee SJ. An integrated, region-wide cardiac rehabilitation system lowers emergency department and physician utilization. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Frisbee SJ, Suskin N, **Stranges S**, Pierce A, Fair T, Appasamy T, Ricci J. An integrated, region-wide cardiac rehabilitation system increases completion & participation rates, and lowers traditional barriers to completion. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Ricci J, Suskin N, **Stranges S**, Pierce A, Fair T, Appasamy T, Williams T, Frisbee SJ. An integrated, region-wide cardiac rehabilitation system achieves greater cost efficiencies: implications for health policy. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Frisbee SJ, Suskin N, **Stranges S**, Pierce A, Fair T, Appasamy T, Williams T, Ricci J. Re-designing a health care system to achieve universal access to cardiac rehabilitation services: implications for population health and health policy. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Majoni M, Suskin N, Unsworth K, **Stranges S**, Prior P. Cardiac Rehabilitation as Secondary Prevention Among Survivors of Transient Ischaemic Attacks: A Pilot Randomized Controlled Trial. *2018 Canadian Cardiovascular Congress*. Toronto, ON, October 20-23, 2018.

Nicholson K, Rodrigues R, Anderson KK, Wilk P, Guaiana G, **Stranges S**. Relationship between sleep patterns and multimorbidity in the Canadian Longitudinal Study on Aging. *European Journal of Public Health*. 2019;29(4): ckz185.416.

Rodrigues R, Nicholson K, Wilk P, Guaiana G, **Stranges S**, Anderson KK. Sleep and Mental Health Among Older Adults in the Canadian Longitudinal Study on Aging. *European Journal of Public Health*. 2019;29(4): ckz186.594.

**Stranges S**. Epidemiological and nutritional transition in low- and middle-income countries. *European Journal of Public Health*. 2019; 29(4): ckz185.199.

**Stranges S**. Nutritional Supplements and Chronic Disease: Bridging the Gap between Myth and Reality. *European Journal of Public Health*. 2020;30(5): ckaa165.1408.

**Stranges S**. Meeting the demands of a rapidly changing world. Canadian Society for Epidemiology & Biostatistics Conference, June 1-3, 2021 (scientific committee member).

### **SAVERIO STRANGES, MD, PhD**

**Stranges S.** Who Sleeps Well in Canada. Social Determinants of Sleep Health Disparities among middle-aged & older adults. World Sleep Congress, March 11-16, 2022. Rome, Italy.

**Stranges S.** Behavioral and lifestyle correlates of sleep: results from the Canadian Longitudinal Study on Aging. World Sleep Congress, March 11-16, 2022. Rome, Italy.

**Stranges S.** Impact of neighbourhood & environmental factors on sleep health among middle-aged & older adults. World Sleep Congress, March 11-16, 2022. Rome, Italy.

**Stranges S.** The relationship between sleep and multimorbidity in community dwelling populations: a global perspective. World Sleep Congress, March 11-16, 2022. Rome, Italy.

**Stranges S.** Workshop: Challenges and opportunities for health systems in the era of multimorbidity. 15<sup>th</sup> European Public Health Conference, November 9-12/2022. Berlin, Germany.

**Stranges S.** Examining existing strategies to prevent multimorbidity – a scoping review. 15<sup>th</sup> European Public Health Conference, November 9-12/2022. Berlin, Germany.

Wilk P, **Stranges S.**, et al. Multimorbidity in Large Canadian Urban Centres. 15<sup>th</sup> European Public Health Conference, November 9-12/2022. Berlin, Germany.

**Stranges S.** Obesity, body weight stigma and biomedical oversimplification: moving beyond BMI. 15<sup>th</sup> European Public Health Conference, November 9-12/2022. Berlin, Germany.

**Stranges S.** Workshop: Health equity and Chronic diseases: Public health and Primary care roles. 15<sup>th</sup> European Public Health Conference, November 9-12/2022. Berlin, Germany.

**Stranges S.** Do Immigrants Use Less Health Care than Nonimmigrants? A Population-based Study among People living with Multimorbidity in Canada. 15<sup>th</sup> European Public Health Conference, November 9-12/2022. Berlin, Germany.

**Stranges S.** Workshop: “The evolving chronic disease landscape: lessons for the post-pandemic world”. World Congress on Public Health, Rome, Italy, May 3-6, 2023.

**Stranges S.** Workshop: “Challenges in the Surveillance of Chronic Diseases in an Era of Big Data”. World Congress on Public Health, Rome, Italy, May 3-6, 2023.

**Stranges S.** Workshop: “Research Methods for Global Public Health Oriented Health Services Research - what can we learn from each other?” World Congress on Public Health, Rome, Italy, May 3-6, 2023.

### **INVITED TALKS**

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“Effects of Long-Term Selenium Supplementation on the Incidence of Type 2 Diabetes: a Randomized Controlled Trial”. Meeting of the European Association for the Study of Diabetes (EASD). Warwick Medical School, Coventry, UK, January 20, 2007.

“Global Trends in the Epidemiology of the Metabolic Syndrome”. Diabetes Update Symposium, Coventry, UK, October 10, 2007.

“Emerging & traditional risk factors and non-pharmacological interventions on cardiovascular & metabolic disease”. Workshop on “Establishing collaborative research on the impact of diabetes & obesity for patients, carers, & health providers”. Maastricht University, Faculty of Medicine & Life Sciences, Maastricht, Holland, November 8, 2007.



**SAVERIO STRANGES, MD, PhD**

“Health benefits and risks of selenium supplementation”. In seminar series of the Department of Social and Preventive Medicine, State University of New York at Buffalo, NY, USA, November 16, 2007.

“Effects of selenium and other dietary supplements on chronic disease prevention”. Italian National Cancer Institute "Regina Elena", Rome, Italy, January 25, 2008.

“Sleep Deprivation and Chronic Disease”. London Hypertension Society. London, UK, February 5, 2008.

“Dietary Antioxidant Supplements in the Prevention of Chronic Diseases”. Population Science & Cancer Control. Nevada Cancer Institute, Las Vegas, NV, USA, March 11, 2008.  
“Selenium and Chronic Disease”. Department of Epidemiology and Public Health, Faculty of Medicine, Imperial College London, UK, April 15, 2008.

“Dietary Supplements in Diabetes Prevention”. International symposium on “Diabetes and CVD: an Update”. University Hospital - Warwickshire and Coventry Campus, Coventry, UK, June 12-13, 2008.

“Selenium and Chronic Disease: the DETECT Study”. Institute for Clinical Psychology and Psychotherapy, Technical University of Dresden, Germany. June 20, 2008.

“Selenium and Chronic Disease: an Overview of Potential Benefits and Adverse Effects”. MRC Epidemiology Unit, Addenbrooke's Hospital, Cambridge, UK, September 17, 2008.

“Selenium and Chronic Disease: Potential Benefits and Adverse Effects”. Department of Clinical and Experimental Medicine, "Federico II" University of Naples, Naples, Italy, October 13, 2008.

“Selenium and Chronic Disease: Potential Benefits and Adverse Effects”. Department of Epidemiology and Public Health, University College London, UK, October 24, 2008.

“Selenium and other dietary supplements in chronic disease prevention”. Department of Epidemiology, Italian National Cancer Institute, Milan, Italy, November 20, 2008.

“Selenium and other dietary supplements in chronic disease prevention”. IRCCS MultiMedica – Scientific and Technological Pole, Milan, Italy, November 21, 2008.

“Dietary supplements, selenium and chronic disease prevention”. Department of Cardiovascular Epidemiology and Population Genetics, National Center for Cardiovascular Research (CNIC), Madrid, Spain, March 30, 2009.

“Dietary Supplements in Diabetes Prevention”. International symposium on “Advancements in Diabetes”. University Hospital Coventry & Warwickshire, Coventry, UK, June 12, 2009.

“Dietary supplements, selenium and chronic disease prevention”. Department of Cardiovascular Sciences, University of Leicester, Leicester, UK, September 8, 2009.

“Supplementi nutrizionali e rischio cardio-metabolico”. Convegno scientifico: “Dalle linee guida alla pratica clinica. Prospettive diagnostiche e terapeutiche nella prevenzione cardiovascolare. Lloyd's Baia Hotel, Salerno, Italy, October 3, 2009.

“State of the Art in the Prevention of Type 2 Diabetes: The experience in Adults” in 3<sup>rd</sup> Cilento Diabetologic Days. Hotel Ariston, Paestum, Italy, February 18-20, 2010.

“CVD epidemiology: an overview on traditional and emerging risk factors and risk markers”. School of Community Health Sciences, University of Nevada Las Vegas, USA, March 9 2010.

**SAVERIO STRANGES, MD, PhD**

“Prevention of Type 2 Diabetes: The experience in Adults”. Warwickshire Institute for Diabetes, Endocrinology and Metabolism (WISDEM), University of Warwick Medical School, Coventry, UK, April 15, 2010.

“Dietary supplements, selenium and chronic disease prevention in the age of lost innocence”. MRC Human Nutrition Research, Cambridge, UK, May 17, 2010.

“Cardiovascular disease prevention: yesterday, today, tomorrow”. Training day, Italian-Swiss Association of Blood Donors (AVIS). Zurich, Switzerland, September 19, 2010.

“Dietary supplements, selenium and chronic disease prevention in the age of lost innocence”. Department of Quantitative Health Sciences at University of Massachusetts Medical School (UMMS). Worcester, MA, USA, October 6, 2010.

“Micronutrients & dietary supplements: a public health perspective”. WISDEM/IAS/CSRI Annual Symposium, University of Warwick Medical School. Coventry, UK, March 11, 2011.

“Selenium, dietary supplements and chronic disease prevention in the age of lost innocence”. Division of Diabetes Translation Epidemiology & Statistics Branch, Centers for Disease Control and Prevention (CDC). Atlanta, Georgia, USA, March 21, 2011.

“Micronutrients & dietary supplements: a public health perspective”. Department of Epidemiology, Rollins School of Public Health, University of Emory. Atlanta, Georgia, USA, March 22, 2011.

“Micronutrients & dietary supplements for the prevention of chronic disease: a public health perspective”. Laboratory of Genetic & Environmental Epidemiology, “John Paul II” Center for High Technology Research & Education in Biomedical Sciences, Catholic University. Campobasso, Italy, May 2, 2011.

“Micronutrients & dietary supplements: a public health perspective”. Department of Epidemiology, School of Public Health, University of the Witwatersrand. Johannesburg, South Africa, August 12, 2011.

“Sleep duration: risk factor or risk marker for disease”. School of Physiology, University of the Witwatersrand. Johannesburg, South Africa, August 18, 2011.

“Nutrition, Dietary Supplements & Chronic Disease Prevention: A Public Health Perspective”. Sophie Davis School of Biomedical Education, City College of New York (CUNY). New York, USA, November 18, 2011.

“Mediterranean Diet, Nutritional Supplements & Chronic Disease Prevention: Historical & Public Health Perspective”. Seminar Series, Division of Health Sciences, University of Warwick Medical School. Coventry, UK, February 15, 2012.

“Micronutrients & Dietary Supplements for the Prevention of Chronic Disease: A Public Health Perspective”. Unit of Epidemiology and Population Genetics, Institute of Food Sciences, National Research Council, Avellino, Italy, February 23, 2012.

“Epidemiology & prevention of cardio-metabolic disease: an overview on traditional and emerging risk factors and risk markers”. School of Public Health and Preventive Medicine Faculty of Medicine, Nursing and Health Sciences, Monash University, Melbourne, Australia, December 6, 2012.

“Sleep Problems: Risk Factor or Risk Marker for Chronic Disease?” Woolcock Institute of Medical Research, University of Sydney Nursing School, Australia, December 11, 2012.

**SAVERIO STRANGES, MD, PhD**

“Dietary Patterns, Nutritional Supplements and Chronic Disease Prevention: Historical & Public Health Perspective”. Leeds Institute of Genetics, Health & Therapeutics (LIGHT), University of Leeds, UK, March 7, 2013.

“Dietary supplements and cardio-metabolic disease: a public health perspective”. International conference on “Functional Foods and Cardiometabolic Disease”, Palazzo Salerno (Piazza Plebiscito), Naples, Italy, June 1, 2013.

“Using existing data to inform public health policy for non-communicable disease in low-resource settings”. Sub-Saharan Africa Research Network Symposium. Institute of Advanced Study, University of Warwick, Coventry, UK, May 6, 2014.

“Epidemiology & prevention of cardio-metabolic disease: A journey from the Mediterranean region to Sub-Saharan Africa”. Division of Cardiovascular & Diabetes Medicine, Medical Research Institute, University of Dundee, Dundee, Scotland, UK, May 26, 2014.

“Supplementazioni di vitamine e minerali nella prevenzione delle patologie cronico-degenerative”. VI Edizione Giornate Mediche Città di Cava dè Tirreni. Holiday Inn, Cava dè Tirreni, Italy, May 29, 2014.

“Dietary Patterns, Nutritional Supplements & Chronic Disease Prevention: Historical & Public Health Perspective”, Erasmus MC, University Medical Center Rotterdam, Department of Epidemiology, Netherlands, 6<sup>th</sup> October 2014.

Epidemiology & prevention of cardio-metabolic disease: A journey from the Mediterranean region to Sub-Saharan Africa”, University of Exeter Medical School, UK, 13<sup>th</sup> October 2014.

“Epidemiology & prevention of cardio-metabolic disease: A journey from the Mediterranean region to Sub-Saharan Africa”, Department of Epidemiology & Public Health, University College Cork, Ireland, 19<sup>th</sup> February 2015.

“Epidemiology and Prevention of Cardio-Metabolic Disease: A Global Perspective”, Sophie Davis School of Biomedical Education, City College of New York, USA, March 2, 2015.

“Epidemiology and Prevention of Cardio-Metabolic Disease: A Global Perspective”, KU Leuven, Leuven, Belgium, 16<sup>th</sup> March 2015.

“Role of Selenium in Cardiometabolic Health: A Public Health Perspective”. Sixth International Symposium, Federation of European Societies on Trace Elements and Minerals, Catania, Italy, May 27, 2016.

“Epidemiology of Non-Communicable Diseases among Women in Africa”. Global Health Conversation Series, LHSC-UH Auditorium B, London, ON, Canada, November 21, 2016.

“Sleep Problems: Risk Factor or Risk Marker for Chronic Disease?” Sleep Rounds, Victoria Hospital: E5-132, London, Ontario, Canada, December 16, 2016.

“Epidemiology of cardio-metabolic disease in an unstable world: a global perspective”. Department of Epidemiology and Prevention, IRCCS Istituto Neurologico Mediterraneo Neuromed. Pozzilli, Italy, January 10, 2017.

“Major Public Health Challenges and Opportunities in Luxembourg: a two- year journey”. Luxembourg Institute of Health. Strassen Luxembourg, January 17, 2017.

“Epidemiology and prevention of cardiometabolic disease in a global perspective: A journey from the Mediterranean region to Canada”. Cardiology Grand Rounds, LHSC-UH Auditorium B, University Hospital, London, Ontario, Canada, February 13, 2017.

**SAVERIO STRANGES, MD, PhD**

“Global cardiovascular risk: traditional and emerging risk factors”. Congress on Metabolic Medicine. Holiday Inn, Cava dei Tirreni, Italy, March 24-25, 2017.

“Challenges and Opportunities in Multi-morbidity and Aging Research: a Global Perspective”. Italian National Health Institute (Istituto Superiore di Sanità). Rome, Italy, March 30, 2017.

“Epidemiology & Prevention of Chronic Disease in a Global Perspective: A Vision for the Way Forward at Western University”. Research Bites, Schulich School of Medicine & Dentistry, Western University, HSA 101, London, Ontario, Canada, April 19, 2017.

“Is sex-difference in Cardiovascular Disease real or due to co-factors?” European Society of Cardiology, International Symposium on: From arterial hypertension to heart disease. Naples, Italy, May 4-6, 2017.

“Dietary patterns vs. nutritional supplements in the prevention of cardiometabolic diseases: a population health perspective”. 6<sup>th</sup> International Congress on Chronic Societal Cardiometabolic Diseases. Québec City, Québec, Canada, 15-17 May, 2017.

“Epidemiology and prevention of cardiometabolic disease in a global perspective: A journey from the Mediterranean region to Canada”. Department of Epidemiology, Biostatistics and Occupational Health, McGill University, Montreal, Québec, Canada, October 2, 2017.

“Epidemiology and Prevention of Cardiometabolic Disease in a Global Perspective”. Department of Epidemiology and Environmental Health, State University of New York at Buffalo, Buffalo, NY, US, November 3, 2017.

“The Conundrum of Nutritional Supplements & Chronic Disease Prevention & Management: a Public Health Perspective”. International symposium on “Environment and Breast Cancer”. Hospital Clínico San Carlos de Madrid, Madrid, Spain, April 25, 2018.

“Tackling the Global Burden of Cardiometabolic Diseases: A Public Health Perspective”. Università of Modena and Reggio Emilia, Modena, Italy, May 14, 2018.

“Health & Disease in Ageing Societies: A Global Perspective”. University of Bologna, School of Specialization in Hygiene & Preventive Medicine, Bologna, Italy, May 15, 2018.

“Health Inequalities & Marginalized Populations in a Global Perspective”. Italian Studies program at Western University, Study Abroad in Italy in collaboration with the Master in Global Governance, Intercultural Relations and Peace Process Management of Rondine Cittadella della Pace and the University of Siena. Arezzo, Italy, May 16, 2018.

“Multimorbidity and Frailty: A Public Health Perspective”. Metabolic Medicine Laboratory, Holiday Inn, Cava dei Tirreni, Italy, September 14, 2018.

“Fruit & Vegetable consumption and Mental Health”. 8<sup>th</sup> EGEA International Conference on “Nutrition & Health: From science to Practice”. Lyon, France, November 7, 2018.

“Nutrition, Mediterranean Diet & Health in Low-Resource Settings: a Global Perspective”. 11<sup>th</sup> European Public Health Annual Conference. Ljubljana, Slovenia, December 1, 2018.

“Tackling the Global Burden of Cardiometabolic Diseases: A Public Health Perspective”. School of Medicine and Surgery, Humanitas University, Rozzano, Italy, January 24, 2019.

“The most important thing I would have liked know as an early career investigator”. American Heart Association EPI Lifestyle Scientific Session. Houston, TX, March 7, 2019.

### **SAVERIO STRANGES, MD, PhD**

“COVID-19 Pandemic: A Global Perspective”. Qatar Biomedical Research Institute (QBRI). Doha, Qatar (webinar). September 15, 2020.

“Nutritional Supplements & Chronic Disease: Bridging the Gap between Myth and Reality”. Workshop (webinar): *Food processing in the modern era: implication for public health and risk of chronic non-communicable diseases* (organized by EUPHA-FN & EUPHA-CD). World Congress of Public Health, October 16, 2020.

“Epidemiology & prevention of cardio-metabolic disease in the era of multimorbidity: the role of diet and lifestyles”. Seminars Series in Diabetologia, Metabolic Disease and Nutrition. School of Medicine and Surgery, Federico II University, Naples, Italy, September 9, 2021.

“Epidemiology & prevention of cardio-metabolic disease in the era of multimorbidity: a global perspective”. Department of Epidemiology and Prevention, IRCCS Istituto Neurologico Mediterraneo Neuromed. Pozzilli, Italy, September 13, 2021.

“Sleep and Health across the Lifespan: An Epidemiological Perspective”. Canadian Longitudinal Study on Aging (CLSA) Webinar, September 30, 2021.

“Epidemiology & Prevention of Chronic Disease: A Global Journey”. Carol Buck Lecture, Department of Epidemiology and Biostatistics, Schulich School of Medicine & Dentistry, Western University. London, ON, Canada, December 3, 2021.

“COVID-19: A Global Public Health Perspective”. Italian National Health Institute (Istituto Superiore di Sanità). Rome, Italy, March 25, 2022.

“Epidemiology & Prevention of Chronic Disease: A Global Journey”. Medical Statistics Unit, University of Campania “Luigi Vanvitelli”, Napoli, Italy, July 20, 2022.

“Sleep – The minimal for maximum approach. Sleep and Health across the Lifespan: An Epidemiological Perspective”. Dementia Prevention Initiative Workshop. Western University, London, Ontario, Canada, November 1, 2022.

“Epidemiology & Prevention of Chronic Disease: A Global Journey”. Heidelberg Institute of Global Health, Heidelberg University, Germany, November 24, 2022.

“Relationship between sleep and physical activity and how to provide advice”. Primary Care Masterclass in Sport and Exercise Medicine and Musculoskeletal Health. Western University, London, Ontario, Canada, February 9, 2023.

“Epidemiology and Prevention of Chronic Disease: A Global Journey”. Department of Global Public Health & Bioethics, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, The Netherlands, February 16, 2023.

“Role of Lifestyles in Cardiometabolic Risk Management: Current and Future Perspectives”. Metabolic Medicine Laboratory, Holiday Inn, Cava dei Tirreni, Italy, February 24, 2023.

“The integration of Occupational Medicine and Public Health to improve cardiovascular health in the workplace and community”. World Congress on Public Health, Rome, Italy, May 3-6, 2023.

### **GRANT FUNDING**

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Lianne Tomfohr-Madsen (PI), **Saverio Stranges (Co-PI)**, Graham Reid (Co-PI), et al.  
Title: *Sleep equity reimaged: An intersectional theoretical framework to optimize sleep health for all Canadians*.

Funder: CIHR - Team Grant: Sleep Research Consortium 2023-02-02

Duration: 4 years (May 1, 2023 - May 1, 2027)

Total funding: \$1,100,000

Role: Co-Principal Investigator



**SAVERIO STRANGES, MD, PhD**

Piotr Wilk (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Exploring the relationship between high temperatures and cardiovascular disease-related morbidity and mortality: Differences across vulnerable groups and geographic areas in Canada*

Funder: Heart and Stroke Foundation of Canada (HSFC)- Program: Grant-in-Aid

Duration: 3 years, 2023, July – 2026, June

Total funding: \$193,325

Role: Co-Investigator

Godwin Arku (PI), **Saverio Stranges (Co-Inv.)**, Isaac Luginaah, et al.

Title: *Empowering Black Youth in Southwestern Ontario: A Collaborative Project Exploring How Black Youth in Southwestern Ontario Negotiate their Multiple Marginalities*

Funder: Social Sciences & Humanities Research Council/Partnership Development Grant

Duration: 2 years, March 2023-March 2025

Total funding: \$ \$221,000

Role: Co-Investigator

Sisira Sarma (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Ontario Family Health Teams and Quadruple-aim Outcomes: Investigation of the Dynamic Effects*

Funder: Ontario Ministry of Health - Catalyst Grant: Policy Research for Health System Transformation competition

Duration: one year

Total funding: \$150,000

Role: Co-Investigator

Jane Thornton (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Western Research Hub for Physical Activity and Health*

Funder: Western University Stream 2 Interdisciplinary Development Initiative (IDI)

Duration: 2 years, August 2022-July 2024

Total funding: \$199,886.17

Role: Co-Investigator

Lorie Donelle (PI), **Saverio Stranges (Co-inv.)**, et al

Title: *Health Data Dialogues: Supporting Data Stewards for the Future of Health Care*

Funder: Social Sciences & Humanities Research Council/Institutional Connection Grants

Duration: 1 year

Total funding: \$37,500

Role: Co-Investigator

Jane Thornton (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: ACTIVE for Health Symposium: Moving forward together for a stronger, healthier community

Funder: CIHR Planning and Dissemination Grant - Institute Community Support

Duration: 12 months (July 2022-June 2023)

Total funding: \$19,955

Role: Co-PI

Kristin Clemens (PI), **Saverio Stranges (Co-Inv.)**, et al

Title: *Obesity management for Kidney TRANSPLANT-1: OK TRANSPLANT-1".*

Funder: Collaborative Research Seed Grant, Schulich School of Medicine & Dentistry

Duration: 24 months (April 2022-March 2024)

Total funding: \$55,100

Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

Bridget Ryan (PI), Amanda Terry (Co-PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Exploring the Untold Story of COVID-19: Understanding the Wider and Future Impacts of the Pandemic and Finding Solutions to Improve Population Health, Resiliency, & Preparedness*

Funder: CIHR, Operating Grant: Addressing the Wider Health Impacts of COVID-19

Duration: 2 years (February 2022 to January 2024)

Total funding: \$455,244.

Role: Co-Investigator

James Lacefield (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Program in Frugal Biomedical Innovations*

Funder: Towards Western at 150 - Strategic Priorities Fund

Duration: 2 years (2022-2023)

Total funding: \$2,130,000

Role: Co-Investigator

Manuel Montero Odasso (PI), **Saverio Stranges (Co-PI)**, et al.

Title: *SYNERGIC 2. A Home-based RCT from the Canadian Therapeutic Platform for Multidomain Interventions to Prevent Dementia (CAN-Thumbs UP)*

Funder: Weston Brain Institute/Brain Health: Lifestyle Approaches and Microbiome Contributions 2021

Duration: 3 years (2021-2024)

Total funding: \$1,497,758

Role: Co-Principal Investigator

Vladimir Hachinski (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *The Dementia Prevention Initiative: Advancing Population Prevention Solutions (APPS): Comprehensive mapping of dementia and related disorders & offering cost-effective solutions*

Funder: Weston Brain Institute/Transformational Research: Canada Alzheimer's & Related Diseases 2020 program

Duration: 3 years (2021-2024)

Total funding: \$1,391,666

Role: Co-Investigator

Kristin Clemens (PI), **Saverio Stranges (Co-Inv.)**

Title: *Weight-Loss for kidney TRANSPLANT (WILL TRANSPLANT-1)*

Funder: Western's Strategic Support (WSS) CIHR Seed program, Western University

Duration: 12 months (January 2022-December 2022)

Total funding: \$25,000

Role: Co-Investigator

Marnin Heisel (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Screening for suicide risk among older adults in Ontario long-term care homes: assessing the prevalence and correlates of suicide ideation in a vulnerable demographic*

Funder: Canadian Institutes of Health Research (CIHR), Institute of Aging

Duration: 4 years (2021-2025)

Total funding: \$608,176

Role: Co-Investigator

Marnin Heisel (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *Promoting psychological resiliency among veterans and first responders in career transition: implementing and evaluating meaning-centered men's groups in key sectors at elevated risk for suicide*

Funder: Movember veterans and first responders mental health grant program

Duration: 2 years (2021-2023)

Total funding: \$428,000

Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

Erica S Lawson (PI), **Saverio Stranges (Co-Inv.)**, Isaac Luginaah, Godwin Arku, et al.  
Title: *Racialized and Immigrant Women at the Pandemic Frontlines: A Feminist Inquiry into the Lives of Essential Workers in Ontario*  
Funder: Social Sciences & Humanities Research Council (SSHRC)/Insight Development Grant  
Duration: 2 years, Summer 2021-Summer 2023  
Total funding: \$64,925  
Role: Co-Investigator

Isaac Luginaah (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Climate Change, Sustainable Food Systems and Health Nexus*  
Funder: Western University internal funding, Interdisciplinary Development Initiative  
Duration: 2 years, May 2021-April 2023  
Total funding: \$199,900  
Role: Co-Investigator

Sisira Sarma (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Primary care reform and inequalities in the utilization of healthcare services and health status: Analyses using Canadian Community Health Surveys linked with the Ontario health administrative data*  
Funder: Canadian Institutes of Health Research Project Grant – Fall 2020 competition  
Duration: 4 years, April 2021- March 2025  
Total funding: \$416,924  
Role: Co-Investigator

Torsten Bohn (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Longitudinal effects of social determinants on health-related behaviour and multimorbidity among older adults in Luxembourg: exploring health inequalities*  
Funder: Fonds National de la Recherche (FNR) Luxembourg - INTER Mobility IN – 2021 Call  
Duration: 6 months (2021)  
Total funding: 16,022 EUR  
Role: Co-Investigator

Marnin Heisel (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Screening for Suicide Risk among Older Long-Term Care Residents: Assessing the Prevalence and Correlates of Suicide Ideation in an at-risk Demographic*  
Funder: Canadian Institutes of Health Research (CIHR), Institute of Aging (Priority funding)  
Duration: One year (2021-2022).  
Total funding: \$100,000  
Role: Co-Investigator

Marnin Heisel (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Testing online meaning-centered groups in promoting psychological well-being and reducing distress in Ontario retirement home residents*  
Funder: Centre for aging and brain health innovation (CABHI) spark-on program  
Duration: One year (2021-2022)  
Total funding: \$50,000  
Role: Co-Investigator

Derelie Mangin (PI), Dr. Kathryn Nicholson (co-PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Understanding the accumulation of multiple chronic diseases and multiple prescribed medications and the influence on the experience of aging among adults and older adults in Canada*  
Funder: Canadian Institutes of Health Research (CIHR), Institute of Aging (Priority funding)  
Duration: One year (2021-2022)  
Total funding: \$100,000  
Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

Project Team: Isaac Luginaah (Team Lead), **Saverio Stranges**, Melanie Katsivo, et al.  
Title: *Achieving Research and Knowledge Translation Capacity for Climate Change Resilience, Food Security and Sustainable Livelihoods in West Africa*  
Funder: International Development Research Center (IDRC)  
Program: Queen Elizabeth Advanced Scholars West Africa (QE-AS-WA)  
Duration: 3 years, 2021-2024  
Total funding: \$858,000 (QES: \$296,000 + university contribution: \$562,000)  
Role: Co-Investigator

Nicole R. Haggerty (PI), **Saverio Stranges (Co-inv.)**, Temitope B. Oriola (co-inv.)  
Title: *Achieving Ubuntu: Reframing Equity, Partnership and Social Change*  
Funder: Social Sciences & Humanities Research Council/Institutional Connection Grants  
Duration: 1 year, January 1, 2021 to December 31, 2021  
Total funding: \$20,100  
Role: Co-Investigator

Jane Thornton (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Western Research Hub for Physical Activity and Health*  
Funder: Western University Stream 1 Interdisciplinary Development Initiative (IDI)  
Duration: 1 year, 2021-2022  
Total funding: \$25,000  
Role: Co-Investigator

Francisco Olea Popelka (PI), **Saverio Stranges (Co-Inv.)**, et al.  
Title: *Building the Future of Interdisciplinary Research: The Western One Health Network*  
Funder: Western University internal funding, Interdisciplinary Development Initiative  
Duration: 1 year, 2021-2022  
Total funding: \$25,000  
Role: Co-Investigator

**Saverio Stranges (PI)**

Title: *The development and implementation of a real-time geospatial surveillance portal to monitor the spread of epidemics and pandemics in local communities* (R5566A03)  
Funder: Western Research Catalyst grants: Surviving Pandemics  
Duration: 1 year, May 2020-April 2021  
Total funding: \$50,000  
Role: Principal Investigator

Shehzad Ali (PI) and Sisira Sarma (co-PI), **Saverio Stranges (Co-Inv.)**  
Title: *Is the Activate Program cost-effective? Investigating short and long-term economic impact on the healthcare system*  
Funder: Heart and Stroke Foundation  
Duration: August-December 2020  
Total funding: \$24,836.00  
Role: Co-Investigator

Shehzad Ali and Ava John-Baptiste (PIs), **Saverio Stranges (Co-Inv.)**  
Title: *COVID-19 Models and Social Determinants of Health: Evaluating Evidence to Inform Policy Decisions*  
Funder: Gordon & Betty Moore Foundation, SMDM COVID-19 Decision Modeling Initiative  
Duration: July-November 2020  
Total Funding: 49,961 USD  
Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

Lorie Donelle (PI), **Saverio Stranges (Co-Inv.)**

Title: *Digital surveillance for pandemics: A planning resource for decision-makers*

Funder: Faculty of Health Sciences (FHS) Strategic COVID-19 Research Support (UWO)

Duration: 1 year, July 2020-June 2021

Total Funding: \$45,000

Role: Co-Investigator

Adeladza Kofi Amegah (PI), **Saverio Stranges (collaborator)**

Title: *Dietary and Environmental Mediators of Socioeconomic Inequalities in Child Under-nutrition in West Africa (DEMSU)*

Funder: The African Academy of Sciences (AAS), Grand Challenges Round 6, Data Science Approaches to Improve Maternal, Neonatal and Child Health in Africa

Duration: 24 months, August 2020-July 2022

Total Funding: USD\$ 99,858.00

Role: Collaborator

Isaac Luginaah (PI), **Saverio Stranges (Co-Inv.)**

Title: *Understanding the Challenges and Resilience among Visible Minority Essential Workers: Preparing for Future Pandemics in Ontario*

Funder: Western Research Catalyst grants: Surviving Pandemics

Duration: 1 year, May 2020-April 2021

Total funding: \$49,900

Role: Co-Investigator

**Saverio Stranges (PI)**, Kelly Anderson (Co-PI)

Title: *Who sleeps well in Canada? An investigation of social and environmental determinants of sleep behaviours in middle-aged and older adults*

Funder: CIHR Catalyst Grant: Analysis of Canadian Longitudinal Study in Aging (CLSA)

Duration: 1 year, April 2020-March 2021

Total funding: \$69,950

Role: Principal Investigator

Linda Ling (PI), **Saverio Stranges (supervisor)**

Title: *Sleep and Cancer risk in an Aging Population*

Funder: Western University, Undergraduate Summer Research Internship Program (USRI)

Duration: 5 months, May-August 2020

Total funding: \$5625.00 + 1125.00 (matched funds)

Role: Supervisor

Jed Long (PI), **Saverio Stranges (Co-Inv.)**

Title: *COVID-19 rapid response mapping of human-mobility indicators*

Funder: Western Research Catalyst grants: Surviving Pandemics

Duration: 1 year, May 2020-April 2021

Total funding: \$49,908; role: Co-Investigator

Lloy Wiley (PI), **Saverio Stranges (Co-Inv.)**

Title: *Pandemic partnership or colonial calamity? First Nations health systems during COVID-19*

Funder: Western Research Catalyst grants: Surviving Pandemics

Duration: 1 year, May 2020-April 2021

Total funding: \$49,990; Role: Co-Investigator

Lauren Cipriano (PI), **Saverio Stranges (Co-Inv.)**

Title: *Dynamic epidemic modelling of COVID-19 for local and regional critical care capacity planning*

Funder: Western Research Catalyst grants: Surviving Pandemics

Duration: 1 year, May 2020-April 2021

Total funding: \$49,945; Role: Co-Investigator



**SAVERIO STRANGES, MD, PhD**

Sisira Sarma (PI), **Saverio Stranges (Co-Inv.)**

Title: The impact of the built environment on incidence of obesity, chronic diseases and health status in Canada

Funder: CIHR Operating Grant: Data Analysis - Healthy Cities Intervention Research

Duration: 1 year, March 2020-February 2021

Total funding: \$75,000; role: Co-Investigator

Cheryl Forchuk & Mike Silverman (PIs), **Saverio Stranges (Co-Inv.)**

Title: *Integrating Harm Reduction Strategies into Hospital Setting for People Who Use Methamphetamine*

Funder: Health Canada

Duration: 4 years, April 2020 – March 2024; total funding: \$576,830

Role: Co-Investigator

Piotr Wilk (PI), **Saverio Stranges (Co-Inv.)**

Title: *Healthy cities in Canada: Developing a further understanding of the relationship between exposure to environmental risk factors and health outcomes.*

Funder: Research Western; Program: WSS-CIHR Success Accelerator

Duration: 1 year, February 2020 – January 2021

Total funding: \$47,712

Role: Co-Investigator

Anderson LN (PI), **Saverio Stranges (Co-Inv.)**

Title: *Clustering of obesity related characteristics and associations with body mass index, waist circumference, and body fatness.*

Funder: CIHR Catalyst Grant: Analysis of CLSA Data

Duration: 1 year, 2019 Mar-2020 Mar

Total funding: \$70,000

Role: Co-Investigator

**Saverio Stranges (PI)**, Giuseppe Guaiana (Co-PI)

Title: *Examining Sleep, Lifestyle Behaviors, Mental Well-Being and Multiple Chronic Diseases in an Aging Population.*

Funder: Lawson Internal Research Fund (IRF), Fall 2018 competition

Duration: 1 year, January 1, 2019-December 31, 2019

Total funding: \$14,040

Role: Principal Investigator

Jorge Burneo (PI), **Saverio Stranges (Co-Investigator)**

Title: *Exploring long-term environmental exposures as epilepsy risk factors - A large population-based retrospective cohort study.*

Funder: Collaborative Research Seed Grant, Schulich School of Medicine & Dentistry

Duration: 24 months (April 1, 2019 – March 31, 2021)

Total funding: \$47,000

Role: Co-Investigator

Piotr Wilk (PI), **Saverio Stranges (Co-Inv.)**

Title: *Healthy Cities, Healthy People: Exploring environmental and behavioural predictors of chronic disease.*

Funder: CIHR Operating Grant

Duration: 1 year (March 2019-March 2020)

Total funding: \$88,060

Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

Kathryn Nicholson (PI), **Saverio Stranges (Co-PI)**

Title: International Multimorbidity & Aging Symposium: Advancing Cross-National Partnership and Planning

Funder: CIHR Planning and Dissemination Grant - Institute Community Support

Duration: 12 months (January 2019 - December 2019);

Total funding: \$20,000

Role: Co-PI

Helene Berman (PI), **Saverio Stranges (Co-Inv.)**

Title: *Health Equity in Context: Local Solutions for Global Problems*

Funder: Western University internal funding, Interdisciplinary Development Initiative

Duration: 3 years, 2018-2021

Total funding: \$293,350

Role: Co-Investigator

Robert Petrella (PI), **Saverio Stranges (Co-Inv.)**

Title: *Hockey Fans in Training (Hockey FIT): A pragmatic cluster randomized controlled trial of a gender-sensitized weight loss and healthy lifestyle program for men who are overweight or obese*, application number: 390819

Funder: Canadian Institutes of Health Research Project Grant – Fall 2017 competition

Duration: 5 years (April 2018-March 2023);

Total funding: \$948,600

Role: Co-Investigator

Andrea Tricco (PI), **Saverio Stranges (Co-Inv.)**, et al.

Title: *SPOR REACH Network*, application number: 386588

Funder: Canadian Institutes of Health Research (CIHR)

Operating Grant: SPOR – Guidelines and Systematic Reviews

Duration: 5 years (July 2017-June 2022)

Total funding: \$4,997,000; Matched funds: \$10,829,000

Role: Co-Investigator

Jason Gilliland (PI), **Saverio Stranges (Co-Inv.)**

Title: *Evaluation of smartphone based intervention for improving food literacy, food purchasing and diet quality among youth in urban, suburban and rural environments*

Funder: Canadian Institutes of Health Research

Duration: 48 months (2018-2022)

Total funding: \$684,674

Role: Co-Investigator

Jason Gilliland (PI), **Saverio Stranges (Co-Inv.)**

Title: *SmartAppetite for Youth: Development and evaluation of a smartphone-based program for improving food literacy and healthy eating among adolescents*

Funder: Children's Health Foundation

Duration: 24 months (2018-2019)

Total funding: \$70,000

Role: Co-Investigator

Piotr Wilk (PI), **Saverio Stranges (Co-Inv.)**

Title: *Multidisciplinary Initiative for Population Health Research in Chronic Diseases*

Funder: Collaborative Research Seed Grant, Schulich School of Medicine & Dentistry

Duration: 24 months (April 2017-March 2019)

Total funding: \$48,596

Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

**Saverio Stranges (PI)**

Title: *Start-up funds*

Funder: Schulich School of Medicine & Dentistry, Western University

Duration: 36 months (October 2016-September 2019)

Total funding: \$150,000

Role: Principal Investigator

**Maria Ruiz-Castell (PI), Saverio Stranges (consultant)**

Title: *Micronutrients, Pollutants and Cardiometabolic Health in Luxembourg-IMPACT.LU*

Funder: Fonds National de la Recherche (FNR) - Luxembourg

Duration: 36 months (March 2018-February 2021)

Total funding: 684.586,20 euros

Role: consultant

**Alaa Al Kerwi (PI), Saverio Stranges (Co-Inv.)**

Title: *Observation of Cardiovascular Risk Factors Study in Luxembourg: Follow-up examination (ORISCAV-Lux-2)*

Funder: Ministry of Research, Luxembourg

Duration: 46 months (January 2015-October 2018)

Total funding: 2.586.000 euros; Role: Co-Investigator

**Saverio Stranges (PI)**

Title: *Effect of long-term selenium supplementation in healthy individuals (DK Precise Trial)*

Funder: Ministry of Research, Luxembourg

Duration: 12 months (July 2015-June 2016)

Total funding: 8,500 euros

Role: Principal Investigator

**Karen Rees (PI), Saverio Stranges (Co-Inv.), Ebrahim Shah, Aileen Clarke, Margaret Thorogood, Mike Kelly, Ngianga-Bakwin Kandala**

Title: *Lifestyle & pharmacological interventions for the primary prevention of CVD*

Funder: NIHR Cochrane Collaboration Programme Grant Scheme (N. 10/4001/13)

Duration: 36 months (June 2011-November 2014)

Total funding: £420,000; role: Co-Investigator

**Dimitris Grammatopoulos (PI), Saverio Stranges (Co-Inv.)**

Title: *A genetic test for pregnant women to be able to identify risk of developing post-natal depression*

Funder: Technology Strategy Board/Innovate UK; Program name: Knowledge Transfer Partnerships (KTP) with South Warwickshire NHS Foundation Trust (SWFT)

Duration: 24 months (February 2014 –January 2016)

Total funding: £135,805

Role: Co-Investigator

**Sian Taylor-Phillips (PI) and Saverio Stranges (Co-Inv.)**

Title: *Using international data to inform which Health Screening Programmes to implement in UK*

Funder: ESRC Collaborative PhD Studentship

Duration: 36 months (October 2013-September 2016)

Total funding: £55,700

Role: Co-Investigator

**Leandro Pecchia, School of Engineering (PI) and Saverio Stranges (Co-Inv.)**

Title: *Orthostatic hypotension*

Funder: University of Warwick RDF Development Award + School of Engineering

Duration: 6 months (starting on 13th March 2014); total funding: £7,500.00.

Role: Co-Investigator

**SAVERIO STRANGES, MD, PhD**

Margaret Thorogood (PI), **Saverio Stranges (Co-Inv)**

Title: *Assessing adult health and ageing in Africa*

Funder: European Union, FP7, Marie Curie Actions, IRSES (International Research Staff Exchange Scheme)

Duration: 48 months (January 2012-December 2015)

Total funding: £67,260.00

Role: Co-Investigator

Kandala N-B (PI), **Stranges S (Co-Inv.)**, Tigbe W.

Title: Sub-Saharan African Research Network (SSARN) – follow-up of collaborative research with Monash University

Funder: Monash-Warwick 2012-2013 Strategic Funding Initiative for Joint Research and Education Programmes (RD 11308)

Duration: 10 months (September 2012-June 2013); total funding: £29,949

Role: Co-Investigator

**Saverio Stranges (PI)**

Title: *EASY-Care International Pfizer Grant 2011-2012*

Funder: Pfizer

Duration: 12 months (June 2011-May 2012)

Total funding: \$50,000

Role: Principal Investigator

**Saverio Stranges (PI)**, Michelle Miller, Francesco P Cappuccio

Title: *Predictive Markers of Non-alcoholic Fatty Liver Disease (NAFLD) in Ethnic Groups in UK*

Funder: Research Development Fund – University of Warwick

Duration: 10 months (January 2007 to October 2007)

Total funding: £15,000

Role: Principal Investigator

Gillian Hundt, **Saverio Stranges (Co-Inv)**

Title: *Establishing collaborative research on the impact of diabetes and obesity for patients, carers and health providers, Universities of Maastricht and Warwick*

Funder: British Council – NOW Partnership Programme in Science

Duration: 8 months (May 2007, November 2007)

Total funding: £5,637 + Euro 8,205

Role: Co-Investigator

Francesco P Cappuccio (PI), **Saverio Stranges (Co-Inv)**, Mario Nicodemi

Title: *Computational Analysis of Population Data for CVD Risk Prediction*

Funder: Institute of Advanced Study (IAS) Award - University of Warwick

Duration: 10 months (September 2007 to July 2008)

Total funding: £3,307; role: Co-Investigator

**Saverio Stranges (PI)**

Title: *Two visits to State University of New York at Buffalo*

Funder: North American Travel Fund - University of Warwick

Duration: 6 months (January 2007 to June 2007);

Total funding: £500.00

Role: Principal Investigator

**Saverio Stranges (PI)**

Title: *Role of selenium supplementation in insulin resistance and type 2 diabetes*

Funder: North American Travel Fund - University of Warwick

Duration: 6 months (July 2007 to December 2007)

Total funding: £1,000

Role: Principal Investigator

## **SAVERIO STRANGES, MD, PhD**

### **Saverio Stranges (PI)**

Title: *Joint Application Warwick-Johns Hopkins*

Funder: North American Travel Fund - University of Warwick

Duration: 6 months (January 2008 to June 2008)

Total funding: £1,000

Role: Principal Investigator

### Maurizio Trevisan (PI), Gian Paolo Visentin (PI), **Saverio Stranges (Co-Inv)**

Title: *Diagnostic Markers of Non-alcoholic Fatty Liver Disease (NAFLD)*

Funder: UB 2020 Interdisciplinary Research Development Fund (IRDF)

Duration: 12 months (July 2006 to July 2007)

Total funding: \$28,000

Role: Co-Investigator

## **TEACHING PORTFOLIO**

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Basic and Advanced Epidemiology, Cardiovascular Epidemiology, Chronic Disease Epidemiology, Nutritional Epidemiology, Preventive Medicine, Public Health, Global Health

## **TEACHING EXPERIENCE**

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|           |                                                                                                                                                                                                                              |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2016-2022 | Epidemiology of Major Disease, Global Health, Western University, Canada                                                                                                                                                     |
| 2014-2017 | External examiner for Master's in Public Health, Department of Epidemiology & Public Health, University College Cork, Ireland                                                                                                |
| 2006-2015 | Basic and Advanced Epidemiology, Cardiovascular Epidemiology, Preventive Medicine, Practice of Public Health, Global Public Health, in Master's in Public Health, University of Warwick Medical School, UK.                  |
| 2002-2005 | Basic and Advanced Epidemiology, Cardiovascular Epidemiology, Chronic Disease Epidemiology, Principles of Preventive Medicine, Department of Social & Preventive Medicine, State University of New York at Buffalo, NY, USA. |
| 1996-2002 | Hygiene & Preventive Medicine, Epidemiology, Occupational Health, Public Health (Federico II University of Naples Medical School, Italy).                                                                                    |

## **GRADUATE STUDENT/FELLOW SUPERVISION**

---

*Department of Social and Preventive Medicine, State University of New York at Buffalo, USA*

Federica Fucci (Master in Public Health, MPH)

Project title: *Lifetime cumulative exposure to second-hand smoke and risk of myocardial infarction in never smokers*

Completed date: Fall 2007

Susan Bruce (PhD in Epidemiology and Community Health)

Project title: *Body fat distribution and recurrent events in MI survivors*

Completed date: Fall 2008



**SAVERIO STRANGES, MD, PhD**

*Division of Health Sciences, University of Warwick Medical School, Coventry, UK*

Piers Mook (PhD in Epidemiology)

Project title: *Epidemiology of Listeriosis in the UK*

Completed date: Spring 2013

Lena Al Khudairy (PhD in Health Sciences)

Project title: *Micronutrient status, dietary patterns and type 2 diabetes in Saudi Arabia*

Completed date: Spring 2014

Victor Adekanmbi (PhD in Health Sciences)

Project title: *Unravelling the effect of neighborhood contextual influences on childhood mortality and morbidity in Nigeria*

Completed date: Fall 2015

Chidozie Nduka (PhD in Health Sciences)

Project title: *Cardiovascular risk in HAART-naïve and HAART-exposed HIV-infected patients in Nigeria: a comparative cross-sectional study*

Completed date: Fall 2016

Martinsixtus Ezejimofor (PhD in Health Sciences)

Project title: *Prevalence of hypertension and associated risk factors for cardiovascular diseases in oil-polluted environment: a case study of Niger delta*

Completed date: Spring 2017

Ahmed Sarki (PhD in Health Sciences)

Project title: *Application of Disease Mapping to Global Public Health Issues in Low- and Middle-Income countries*

Completed date: Spring 2017

Farah Seedat (PhD in Health Sciences)

Project title: *Using international data to inform which Health Screening Programmes to implement in the UK*

Completed date: Summer 2018

Ewemade Igbinedion (Master in Public Health, MPH)

Project title: *Papanicolaou (Pap) smear test, the most useful screening tool for cervical cancer? A Literature Review*

Completed date: Sept 2011

Alex Spina (Master in Public Health, MPH)

Project title: *Biomarkers of selenium status, adiposity and body fat distribution in a nationally representative sample of the UK population*

Completed date: Fall 2012

Chidozie Nduka (Master in Public Health, MPH)

Project title: *Clinical effectiveness of risk factor interventions for preventing cardiovascular events in HIV-infected persons on antiretroviral therapy*

Completed date: Fall 2012

Edidiong Uwak (Master in Public Health, MPH)

Project title: *A systematic literature review of the prevalence and associated risk factors for obstructive sleep apnoea among adult population world-wide*

Completed date: Nov 2012

Hope Ojukwe (Master in Public Health, MPH)

Project title: *A systematic review of Community Development approaches to health promotion for smoking cessation in adults living in deprived communities in the UK*

Completed date: Dec 2012

**SAVERIO STRANGES, MD, PhD**

Saad Siddiqui (Master in Public Health, MPH)

Project title: *The geographic variation of obesity with relation to urbanisation in India*

Completed date: Fall 2013

Rose Nvue (Master in Public Health, MPH)

Project title: Evaluation of maternal health in low - income conflict affected countries:

A Systematic Review of Literature

Completed date: April 2014

Benedeth Ezejimofor (Master in Public Health, MPH)

Project title: *A systematic review of the prevalence and associated risk factors for Pre-eclampsia among women of maternal age in Sub Saharan Africa*

Completed date: May 2014

Dr Hendy Maheswaran (Academic Clinical Fellow)

Project title: *The interplay between folate, vitamin B12 and homocysteine status in a nationwide sample of British adults: should we consider B12 fortification?*

Completed date: September 2009

Dr Angelique Mavrodaris (Academic Clinical Fellow)

Project title: *Nutritional management of hypertension: cost versus benefit*

Completed date: September 2009

Dr Emma Wong (Foundation Year 2 Trainee in Public Health)

Project title: *Cross-cultural comparison of correlates/determinants of quality of life between the US and UK*

Period: January-April 2010

Dr Sanjeet Guraewal (Foundation Year 2 Trainee in Public Health)

Project title: *Vitamin K levels and cardio-metabolic health: systematic review and meta-analysis*

Period: January-April 2010

Dr Camilla Day (Foundation Year 2 Trainee in Public Health)

Project title: *Vitamin D supplementation and depressive mood*

Period: September-December 2010

Dr Nicola Wilson (Foundation Year 2 Trainee in Public Health)

Project title: *Dietary advice for reducing cardiovascular risk: systematic review and meta-analysis*

Period: December 2010-April 2011

Dr Angharad de Cates (Foundation Year 2 Trainee in Public Health)

Project title: *Sleep problem, quality of life and general wellbeing*

Period: April-August 2011

Dr William Tigbe (NIHR Clinical Lecturer in Public Health)

Period: August 2011-March 2015

Dr Matthew Farr (Foundation Year 2 Trainee in Public Health)

Period: August-December 2011

Dr Morag Jarvis (Foundation Year 2 Trainee in Public Health)

Project title: *Vitamin D and longevity*

Period: December 2011-April 2012

**SAVERIO STRANGES, MD, PhD**

Dr Jennifer Holmes (Foundation Year 2 Trainee in Public Health)  
Period: April 2012-August 2012

Dr Christian Drew (Foundation Year 2 Trainee in Public Health)  
Period: August 2012-December 2012

Dr Joanna MacIver (Foundation Year 2 Trainee in Public Health)  
Period: December 2012-April 2013  
Dr Hannah Lunn (Foundation Year 2 Trainee in Public Health)  
Period: April 2013-August 2013

Dr Rebecca Wheelhouse (Foundation Year 2 Trainee in Public Health)  
Period: August 2013- December 2013

Dr Christos Mousoulis (Academic Clinical Fellow)  
Period: December 2013-present

Dr Morag Sime (Foundation Year 2 Trainee in Public Health)  
Period: December 2013-April 2014

Dr Zainab Oseni (Foundation Year 2 Trainee in Public Health)  
Period: April 2014-August 2014

Dr Obadah Ghannam (Foundation Year 2 Trainee in Public Health)  
Period: August 2014-December 2014

*Department of Population Health, Luxembourg Institute of Health, Strassen, Luxembourg*

Tatjana Makovski (PhD in Epidemiology, LIH-University of Maastricht)  
Project title: *Multimorbidity and quality of life: epidemiological perspective from the European Region*  
Completed date: Spring 2022

*Department of Epidemiology and Biostatistics, Western University, London, ON, Canada*

Brian Hallam (MSc, Epidemiology & Biostatistics)  
Project title: *The Epidemiology of Infective Endocarditis Among People Who Inject Drugs in London, Ontario*  
Completed date: Summer 2018

Jason Mulimba Were (MSc, Health Geography)  
Project title: *The Transitioning Nutrition Status of Countries in Sub-Saharan Africa*  
Completed date: Summer 2018

Melissa Majoni (MSc, Epidemiology & Biostatistics)  
Project title: *Relationship Between Exercise Training Adherence and Improvement in Functional Capacity among Transient Ischemic Attack and Mild Non-disabling Stroke Survivors in Cardiac Rehabilitation*  
Completed date: Summer 2019

Sophia Nunes (MSc, Epidemiology & Biostatistics)  
Project title: *The Relationship between Sleep and Internalizing Problems among Canadian Adolescents*  
Completed date: Summer 2019

**SAVERIO STRANGES, MD, PhD**

Romaisa Pervez (MSc, Epidemiology & Biostatistics)

Project title: *Social connectedness and self-perceived mental health in Canadian transitional aged youth*

Completed date: Spring 2020

Rachel Brown (MSc, Epidemiology & Biostatistics)

Project title: *Examining the Correlates of Adolescent Food and Nutrition Knowledge in London, Ontario*

Completed date: Summer 2020

Nicolas Woods (MSc, Epidemiology & Biostatistics)

Title: *Breakfast Consumption and Diet Quality of Teens in Southwestern Ontario*

Completed date: Summer 2020

Rea Alonzo (MSc, Epidemiology & Biostatistics)

Title: *Interplay between Shift Work, Psychological Distress, Sleep Quality, and Cognitive Performance*

Completed date: Summer 2021

Evan Wiley (MSc, Epidemiology & Biostatistics)

Title: *Residential Greenness and Substance Use*

Completed date: Summer 2021

Chinmoy Talukder (MSc, Epidemiology & Biostatistics)

Title: *Healthcare Utilization by Immigrants with Multimorbidity: A Population Based Cross-sectional Study of the 2015-2016 Canadian Community Health Survey (CCHS)*

Completed date: Fall 2021

Brook Elana Carol Hadwen (MSc, Epidemiology & Biostatistics)

Title: *Traditional and Emerging Risk Factors and Characteristics Associated with Hypertension in Rheumatoid Arthritis*

Completed date: Spring 2022

Juan-Camilo Vargas (PhD in Epidemiology & Biostatistics)

Project title: *Multimorbidity and cognition among Canadian older adults: A three-decade perspective*

Completed date: Fall 2022

Tasneem Lalva (MSc, Epidemiology & Biostatistics)

Title: *Patterns of multimorbidity among immigrants to Canada: an analysis of the CCHS-IMDB (Canadian Community Health Survey-Longitudinal Immigration Database)*

Completed date: Fall 2022

Jane Yuan (MSc, Epidemiology & Biostatistics)

Title: *Socioeconomic Patterning of Physical Activity among Middle-Aged to Older Adults*

Completed date: Spring 2023

Jason Mulimba Were (PhD in Epidemiology & Biostatistics)

Project title: *Predictors of the double burden of malnutrition among women of reproductive age and preschool children in Sub-Saharan Africa: a case-study of four countries*

Completed date: Summer 2023

Mohammed A. Fadel (MSc, Epidemiology & Biostatistics)

Title: *Hypertension Awareness and Control Among Middle-aged and Older Adults in Canada: Findings from the Canadian Longitudinal Study on Aging*

Completed date: Summer 2023

**SAVERIO STRANGES, MD, PhD**

Shreni Patel (MSc, Epidemiology & Biostatistics)

Title: *Sleep and Multimorbidity in the Canadian Longitudinal Study on Aging*

Completed date: Summer 2023

*Ongoing graduate students' supervision at Western University:*

- Supervisor for Ishor Sharma - PhD, Epidemiology & Biostatistics
- Supervisor for Kevin McIntyre - PhD, Epidemiology & Biostatistics
- Supervisor for Rebecca Rodrigues - PhD, Epidemiology (Maastricht University)
- Supervisor for Dritan Bejko - PhD, Epidemiology (Maastricht University)
- Supervisor for Misa Tanaka - MSc, Epidemiology & Biostatistics
- Supervisor for John Anagnostopoulos - MSc, Epidemiology & Biostatistics
- Supervisor for Luis Limo - MSc, Epidemiology & Biostatistics
- Supervisor for Bill Minh Le - MSc, Epidemiology & Biostatistics
- Supervisor for Yasaman Hajiesmaeli - MSc, Epidemiology & Biostatistics
- Supervisor for Michelle Ariel Yeschin - MSc, Epidemiology & Biostatistics
- Supervisor for Nana Ama Tiwaa-Boateng - MSc, Epidemiology & Biostatistics

*Member of PhD and MSc supervisory committee at Western University:*

- Jordan Edwards/PhD: *"Mood and anxiety disorders among 1<sup>st</sup> and 2<sup>nd</sup> generation migrant groups in Ontario"*; completed date: Fall 2020
- Sarah Singh/PhD: *"Cardiovascular health and cardiovascular and cardiovascular disease hospitalizations in the Canadian population"*; completed date: Fall 2020
- Branka Vujcic/MSc: *"Factors associated with mental well-being among migrant groups in Canada"* (completed)
- Myanca Rodrigues/MSc: *"The risk of chronic health conditions after a first episode of psychosis"* (completed)
- David McHugh/MSc, *"Understanding Physical Activity Behaviour in Rural-Dwelling Ontarian's Living with Chronic Disease"* (completed)
- Ulaina Tariq/MSc: *"Changes in dietary behaviour among children: effects of provincial policies"* (completed)
- Faiza Rab/PhD: *"Assessing capabilities of fragile health systems in fragile contexts"*

**LETTERS OF RECOMMENDATION/REFERENCES**

---

1. **Prof. Richard P. Donahue**, Professor, Department of Epidemiology and Environmental Health, School of Public Health and Health Professions, State University of New York at Buffalo, Buffalo, NY, USA, email: [rpd1@buffalo.edu](mailto:rpd1@buffalo.edu)
2. **Prof. Joan Dorn**, Medical Professor and Chair of the Department of Community Health and Social Medicine, Sophie Davis School of Biomedical Education, City College of New York (CUNY), NY, USA, email: [Jdorn@med.cuny.edu](mailto:Jdorn@med.cuny.edu)
3. **Prof. Oscar H. Franco**, Director Department of Global Public Health & Bioethics, Professor of Public Health | Chair Healthy Living Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands, email: [O.H.Franco@umcutrecht.nl](mailto:O.H.Franco@umcutrecht.nl)
4. **Prof. Eliseo Guallar**, Professor, Departments of Epidemiology and Medicine, and Welch Center for Prevention, Epidemiology and Clinical Research, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA, email: [eguallar@jhsph.edu](mailto:eguallar@jhsph.edu)



**SAVERIO STRANGES, MD, PhD**

5. **Prof. Mark S. Kaplan**, Professor of Social Welfare, UCLA Luskin School of Public Affairs, Los Angeles, CA, USA, email: [kaplanm@luskin.ucla.edu](mailto:kaplanm@luskin.ucla.edu)
6. **Prof. Mika Kivimäki**, Professor of Social Epidemiology, Department of Epidemiology and Public Health, University College London, London, UK, email: [mika.epid@public-health.ucl.ac.uk](mailto:mika.epid@public-health.ucl.ac.uk)
7. **Prof. James R. Marshall**, Former Senior Vice President for Cancer Prevention and Population Sciences, and Chair of the Department of Cancer Prevention and Population Sciences, Roswell Park Cancer Institute (RPCI), Buffalo, NY, USA, email: [James.Marshall@roswellpark.org](mailto:James.Marshall@roswellpark.org)
8. **Prof. Margaret Rayman**, Professor of Nutritional Medicine, Nutritional Sciences Division, Faculty of Health and Medical Sciences, University of Surrey, Guildford, UK, email: [m.rayman@surrey.ac.uk](mailto:m.rayman@surrey.ac.uk)
9. **Prof. Elio Riboli**, Chair in Cancer Epidemiology and Prevention, Faculty of Medicine, School of Public Health, Imperial College London, London, UK, email: [e.riboli@imperial.ac.uk](mailto:e.riboli@imperial.ac.uk)
10. **Dr. Jean-Claude Schmit**, Director of Health (Chief Medical Officer), Ministry of Health, Luxembourg, email: [Jean-Claude.Schmit@ms.etat.lu](mailto:Jean-Claude.Schmit@ms.etat.lu)
11. **Prof. Amardeep Thind**, Director, Schulich Interfaculty Program in Public Health, Western University, London, Ontario, Canada, email: [athind2@uwo.ca](mailto:athind2@uwo.ca)
12. **Prof. Maurizio Trevisan**, Dean of College of Health Sciences, VinUniversity, Hanoi, Vietnam, email: [trevisan.m@vinuni.edu.vn](mailto:trevisan.m@vinuni.edu.vn)
13. **Prof. Victor Zammit**, Professor of Metabolic Biochemistry, University of Warwick Medical School, Coventry, UK, email: [V.A.Zammit@warwick.ac.uk](mailto:V.A.Zammit@warwick.ac.uk)

Updated on September 1, 2023

**Saverio Stranges, MD, PhD, FAHA**



Professor and Chair, Department of Epidemiology and Biostatistics  
Professor, Departments of Family Medicine and Medicine  
Director, Africa Institute, Western University  
Co-Director, Western Centre for Climate change, Sustainable Livelihoods and Health  
Vice-President Chronic Disease Section, European Public Health Association  
Visiting Professor of Epidemiology & Public Health, Humanitas University, Italy  
Visiting Professor of Epidemiology & Public Health, University of Luxembourg  
Schulich School of Medicine & Dentistry  
Western University  
London, ON, Canada, N6A 5C1  
Email: [saverio.stranges@uwo.ca](mailto:saverio.stranges@uwo.ca)