

CURRICULUM VITAE: Daniel Eduardo Vigo

1. Datos personales

Lugar y fecha de nacimiento: Buenos Aires, 4 de abril de 1973. Nacionalidad: Argentina, Española. Domicilio Laboral: A. Moreau de Justo 1600, C1107AAZ. Buenos Aires - Argentina. E-Mail: danielvigo@uca.edu.ar

2. Formación académica

- Formación postdoctoral: Visiting fellow, Faculty of Psychology and Educational Sciences, Katholieke Universiteit Leuven. 2010-2012.
- Doctor por la Universidad de Buenos Aires. Área Ciencias Fisiológicas. 2007, Facultad de Medicina, Universidad de Buenos Aires.
- Especialista en Estadística para Ciencias de la Salud. 2021, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.
- Especialista en Clínica Médica. 2003, Ministerio de Salud de la Nación.
- Médico. 1998, Facultad de Medicina. Universidad de Buenos Aires.

3. Posiciones profesionales

2024 y continúa: Vice Director: Instituto de Investigaciones Biomédicas BIOMED (UCA-CONICET).

2018 y continúa: Investigador Independiente. Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET). Línea de trabajo: cronofisiología básica y clínica.

2010 y continúa: Visiting Research Fellow. Faculty of Psychology and Educational Sciences, Katholieke Universiteit Leuven. Líneas de trabajo: emociones y función respiratoria, proyecto Mars500.

2017 y continúa: Profesor Titular. Metodología de la Investigación. Carrera de Medicina, Facultad de Ciencias Médicas, Universidad Católica Argentina.

1999-2003: Médico residente en Clínica Médica. Hospital General de Agudos "Dalmacio Vélez Sarsfield". Secretaría de Salud. Gobierno de la Ciudad de Buenos Aires.

4. Proyectos financiados (últimos cinco años)

1. 2018-2022: Chronobiology of Antarctic Isolation: the use of Belgrano II Antarctic Station as a Space Analogue. Financiamiento: ONR Global – USAMRDC N62909-20-1-2064. Función: Investigador responsable.

5. Publicaciones (últimos cinco años)

<https://orcid.org/0000-0003-2291-245X> https://scholar.google.es/citations?user=lpHsUxy_k8C&hl=es

1. Vigo DE*, Tuerlinckx F, Scaramal M, Reimann Baptista R, Bersenev E, Van den Bergh O, Aubert A. Infradian cardiovascular rhythms and between subject cardiovascular coupling in Mars 500 prolonged confinement study. *Acta Astronautica* 2025 (in press).
2. Solomons D, Schonfeld D, Arias S, Vigo DE, Azpiazu D, Pérez Chada D. Sleep Apnea Screening Through a News Portal Using the STOP-Bang Questionnaire. A Proof-of-Concept Study. *Sleep and Breathing* 2025; 25(89). <https://doi.org/10.1007/s11325-025-03253-y>
3. Visalli M, Plano SA, Tortello C., Vigo DE, Galmarini, MV. Development and Validation of a Protocol to Determine Product Perception in Relation to the Moment of the Day. *MethodsX* 2025: 14, 103174 <https://doi.org/10.2139/ssrn.5074598>
4. Mul Fedele M, Casiraghi L, Plano SA, Bellone G, Golombek D*, Vigo DE*. Bridging the gap: examining circadian biology and fatigue alongside work schedules. *npj Biol Timing Sleep* 2024: 1, 12. <https://doi.org/10.1038/s44323-024-00011-3>
5. Cardinali DP*, Vigo DE*. Chronobiotic and cytoprotective activity of melatonin in the cardiovascular system. Doses matter. *npj Biol Timing Sleep* 2024: 1, 7. <https://doi.org/10.1038/s44323-024-00007-z>
6. Mul Fedele ML, López Gabeiras MDP, Simonelli G, Diez JJ, Bellone GJ, Cagliani J, Larrateguy L, Eiguchi K, Golombek DA, Cardinali DP, Pérez-Chada D, Vigo DE. Multivariate analysis of the impact of sleep and working hours on medical errors: a MICE approach. *BMC Public Health*. 2023 Nov 23;23(1):2317. <https://doi.org/10.1186/s12889-023-17130-4>.
7. Tortello C, Folgueira A, Lopez JM, Didier Garnham F, Sala Lozano E, Rivero MS, Simonelli G, Vigo DE, Plano SA. Chronotype delay and sleep disturbances shaped by the Antarctic polar night. *Sci Rep*. 2023 Sep 24;13(1):15957. <https://doi.org/10.1038/s41598-023-43102-0>
8. Abulafia C, Vidal MF, Olivar N, Odzak A, Brusco I, Guinjoan SM, Cardinali DP, Vigo DE. An Exploratory Study of Sleep-Wake Differences of Autonomic Activity in Patients with Mild Cognitive Impairment: The Role of Melatonin as a Modulating Factor, *Clinical Interventions in Aging* 2023: 18:, 771-781, <https://doi.org/10.2147/CIA.S394749>
9. Brusco, L., Cruz, P., Cangas, A., Rojas, C., Vigo, D. and Cardinali, D. 2021. Efficacy of melatonin in non intensive care unit patients with COVID-19 pneumonia and sleep dysregulation. *Melatonin Research* 2021. 4 (1), 173-188. <https://doi.org/10.32794/mr11250089>
10. Gallardo J, Bellone G, Plano S, Vigo DE, Risk M. Heart Rate Variability: Influence of Pre-processing Methods in Identifying Single-Night Sleep-Deprived Subjects. *J. Med. Biol. Eng.* 2021. <https://doi.org/10.1007/s40846-020-00595-8>
11. Goswami N, Abulafia C, Vigo DE, Moser M, Cornelissen G, Cardinali D. Falls Risk, Circadian Rhythms and Melatonin: Current Perspectives. *Clin Interv Aging*. 2020; 15: 2165-2174. <https://doi.org/10.2147/CIA.S283342>
12. Tortello C, Folgueira A, Nicolas M, Cuiuli JM, Cairolí G, Crippa V, Barbarito M, Abulafia C, Golombek D, Vigo DE*, Plano SA*. Coping with Antarctic demands: Psychological implications of isolation and confinement. *Stress and Health* 2020. <https://doi.org/10.1002/smi.3006>

13. Wainsztein A, Abulafia C, Goldberg X, Camacho-Téllez V, Vulcano M, Vigo DE, Menchón J, Soriano-Mas C, Nemeroff CB, Guinjoan S, Castro MN. Diurnal variation of heart rate variability as a physiological index of mood and emotion regulation processes in Major Depression and Borderline Personality Disorder. *Personalized Medicine in Psychiatry* 2020, 23–24: 100065. <https://doi.org/10.1016/j.pmip.2020.100065>
14. Terroba-Chambi C, Abulafia C, Vigo DE*, Merello M*. Heart Rate Variability and Mild Cognitive Impairment in Parkinson's Disease. *Mov Disord. Epub* 2020 Dec;35(12):2354-2355. <https://doi.org/10.1002/mds.28234>
15. Seoane H, Moschetto L, Orliacq F, Orliacq J, Serrano E, Cazenave ML, Vigo DE, Pérez Lloret S. disruption in medicine students and its relationship with impaired academic performance: a systematic review and meta-analysis. *Sleep Medicine Reviews* 2020: 53 (101333). <https://doi.org/10.1016/j.smrv.2020.101333>
16. Díez JJ, Plano S, Caldart C, Bellone G, Simonelli G, Brangold M, Cardinali DP, Golombek D *, Pérez Chada D *, Vigo DE *. Sleep misalignment and circadian rhythm impairment in long-haul bus drivers under a two-up operations system. *Sleep Health* 2020; 6(3):374-386. <https://doi.org/10.1016/j.sleh.2019.12.011>
17. Martínez Vivot R, Pallavicini C, Zamberlan F, Vigo DE, Tagliazucchi E. Meditation Increases the Entropy of Brain Oscillatory Activity. *Neuroscience* 2020: 431:40-51. <https://doi.org/10.1016/j.neuroscience.2020.01.033>
18. Terroba-Chambi C, Bruno V, Vigo DE *, Merello M *. Heart rate variability and falls in Huntington's disease. *Clinical Autonomic Research* 2020. 31(2):281-292. <https://doi.org/10.1007/s10286-020-00669-2>
19. Tortello C, Agostino PV, Folgueira A, Barbarito M, Cuiuli JM, Coll M, Golombek D, Plano SA*, Vigo DE*. Subjective time estimation in Antarctica: The impact of extreme environments and isolation on a time production task. *Neuroscience Letters* 2020: 725 (23), 134893. <https://doi.org/10.1016/j.neulet.2020.134893>