Personal Data

Name: Hugo F. Carrer
Date of birth: April 3, 1941
Address: Hipolito Irigoyen 43 - 5C; 5000 Cordoba, Argentina
Telephone: 5493546458090

Education

Graduate studies

School of Medicine, Universidad Nacional de Córdoba
1960 to1966
Medical Graduate

Post-graduate studies

Doctoral thesis: Influence of mesencephalic reticular formation on the control of pituitary gonadotrophin release.
School of Medicine
Universidad Nacional de Córdoba
Doctor in Medicine, 1971

Post-doctoral studies

Certificate of Post-Doctoral Study
in Neuroendocrinology of Reproduction
University of California, Los Angeles
USA, 1975
In English

Present position:

Principal Researcher
Consejo Nacional de Investigaciones
Científicas y Técnicas of Argentina

(Retired)

Languages

Spanish (mother tongue)
English  (second language)
French
Portuguese
Italian

Work Experience as translator, editor and interpreter.

Due to the nature of my profession, for the last 35 years I have been dedicated on a full time basis to scientific research in Medicine, specifically on the following fields: (Neuro)Anatomy, Neurophysiology, Neurobiology, Neuroendocrinology, Pharmacology and Neuropharmacology and Behaviour.

My work requires that I read and write extensively in English, and in a proficient manner. As a consequence of this, I have authored more than thirty papers as the senior writer.
Also, I have presented the results of my research at many international conferences, seminars, symposia, etc in various countries, delivered in English along the thirty five years of my professional career.

As well, I have evaluated research reports submitted for publication to several international journals. This includes not only assessing the scientific side of the paper, but also the literary ones, like grammar, style, and coherence and consistency.

Finally, I have been invited to write in English chapters and reviews of the literature published in academic books, on the fields of expertise above mentioned.

To sum up, I have a thorough knowledge and practice of the English language in written form as all high standard international reports are published in this language.
I have a solid command of spoken English, since my work demanded that I presented results explaining them in English and also, for some years, I lived in English speaking countries, like the USA or where the preferred language for communication was English, as in Japan and Sweden. This allowed me to perform as an interpreter when presenters required English into Spanish interpretation, mostly in Argentina.

Please find below the specific details of my work experience.

Fellowships
Working and living for several years in foreign countries where all personal relations were conducted in English

1972 Awarded by the Svenska Institutet to do research work at the Avdelning for Medicinsk Farmakologi, Uppsala Universitets, Sweden.
In English

1973/4 Awarded by the Ford Foundation to do research work at the Department of Anatomy, School of Medicine,
University of California, Los Angeles
USA.

1983 Awarded by the Japan International Cooperation Agency to do research work at the Department of Physiology, University of Kanazawa, Japan.
In English

1991/92 Awarded by the Wenner Gren Foundation to do research work at the Karolinska Institute, Stockholm, Sweden.
In English

Positions held

Researcher:

1971/72 Institut d'Histologie
Faculté de Medecine
Université de Strasbourg, France
In French

1972/73 Avdelning for Medicinsk Farmakologi
Uppsala Universitets
Sweden
In English

1973/75 Department of Anatomy
School of Medicine
University of California
Los Angeles, USA
In English

1983 Department of Physiology
University of Kanazawa
Kanazawa, Japan
In English

Research grants
Writing of grant proposals for international agencies

Programa latinoamericano de investigaciones en reproduccion humana (PLAMIRH)
Control of sexual behavior: neural structures for sensory-endocrine integration
1977 and 1978
In English

European Economic Community
Multidisciplinary analysis of phenotipic differentiation of neuronal cell typpes induced by central glia
1993 to 1995
In English

Fundacao de amparo a pesquisa do estado de Sao Paulo
Projeto Tematico: Regulacao neuroendocrina e efeitos do estresse sobre a funcao reprodutora feminina
In collaboration with J.Anselmo Franci, Universidad de Sao Paulo, Brasil
2006-2009
In Portuguese

Publications
Writing and/or editing of scientific reports published in international indexed, peer reviewed journals. Follow some of my most recent publications.

Prior stress facilitates fear memory, attenuates GABAergic inhibition and increases synaptic plasticity in the rat basolateral amygdala
Rodriguez Manzanares P., Isoardi N., Carrer H.F and Molina V.A.
Journal of Neuroscience, 25 (38): 8725-8734, 2005.
In English

Effects of estrogen on neuronal growth and differentiation (review)
Carrer, H.F., Cambiasso, M.J. and Gorosito, S.
Journal of Steroid Biochemistry and Molecular Biology 93(2-5): 319-323, 2005
In English

Inhibition of TrkB  synthesis blocks axogenic effect of estradiol on hypothalamic neurons in vitro
V.I. Brito, H.F. Carrer and M.J. Cambiasso
European Journal of Neuroscience, 20 (2): 331-337, 2004.
In English

Increased fear learning coincides with neuronal disinhibition and facilitated LTP in the basolateral amygdala following benzodiazepine withdrawal in rats
Isoardi N.A., Martijena I.D., Carrer H.F. and Molina V.A.
Neuropsychopharmacology, 29: 1852-1864, 2004
In English

Neurotrophic factors and estradiol interact to control axogenic growth in hypothalamic neurons (review)
Carrer, H.F., Cambiasso, M.J., Brito,V. and Gorosito,S.
Annals of the NY Academy of  Sciences, 1007: 1-11, 2003
In English

Estradiol regulates the slow Ca2+ -activated K+ current (sIAHP) in hippocampal pyramidal neurons
H.F. Carrer, A. Araque and W. Buño
Journal of  Neuroscience, 23 (15): 6338-6344, 2003
In English

Sexual differentiation of the brain: genes, estrogen and neurotrophic factors
Carrer H.F. and Cambiasso M.J. (review)
Cellular and Molecular Neurobiology, Special Issue on Neuroscience in Latin America II, 22(5/6): 479-500, 2002.
In English

Non-genomic mechanism mediates estradiol stimulation of axon growth in male rat
hypothalamic neurons in vitro
Cambiasso M.J and Carrer H.F
Journal of Neuroscience Research, 66: 475-481, 2001
In English

Differential effect of oestradiol and astroglia conditioned media on the growth of hypothalamic neurones from male and female rat brains
Julia M. Cambiasso, Jorge Colombo and Hugo F. Carrer
European Journal of Neuroscience 12(7): 2291-2298, 2000.
In English