

CURRICULUM VITAE

IDENTIFICATION

SURNAME	Lima da Costa
FORENAMES	António Carlos
OTHER SURNAME	Viana
PROFESSIONAL NAME	Carlos Lima
DATE OF BIRTH	1955/03/17
PLACE OF BIRTH	Ponte da Barca-PORTUGAL
NATIONALITY	Portuguese
MATRIMONIAL STATUS	Married, one child.

ADDRESS

RESIDENCE

Quinta do Badalinho
Badalinho-S.João dos Montes
2600-784-Vila Franca de Xira
Portugal
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PLACE OF WORK

Hospital Egas Moniz
Neuropathology Unit
Rua da Junqueira 126
1349-019-Lisboa
PORTUGAL
Phone number- 351213650365
Fax number- 351213650198

EDUCATION

1973/1980 Graduation in Medicine Universidade Nova de Lisboa-Faculdade Ciências Médicas de Lisboa

1985/1990- Neurological residence Hospital de Egas Moniz- Lisboa

1994/1997- Neuropathological education Laboratory of Pathology and Neuropathology-

Hospital de Santa Maria-Lisboa.(Professor João Lobo Antunes and José Guilherme Pimentel)
Laboratory of Neuropathology – University of Gottingen- Germany, (Professor Hans Kretzschmar)

PROFESSIONAL EXPERIENCE

1990 Specialist in Neurology

1998 Consultant (Senior)in Neurology.

SUBJECT: all aspects concerning clinical neurology in a central Hospital .

Specialist in Neuropathology

2002 Consultant(Senior) in Neuropathology

SUBJECT: all aspects concerning neuropathology in a Central Hospital.
Responsible for the Neuropathology Unit.

OTHERS:

1988- Present Member of the Board of the Laboratory of Experimental Microsurgery-Hospital Egas Moniz-Lisboa .

SUBJECT: Experimental work on the role of the olfactory mucosa in the regeneration of the spinal cord and peripheral nerve.

Experimental work on the effects of cryptococcal infection in the olfactory mucosa.
Culture of human olfactory stem cells for neurorestoration applications..

OTHER QUALIFICATIONS

Member of the former EU concerted action (CA) of the European Union (EU) "PATHOLOGY OF THE NERVOUS SYSTEM IN HIV INFECTION" directed by Professor F.Gray, from Paris-FRANCE.

Member of the former EU concerted action (CA) of the EU "THE HUMAN PRION DISEASES: FROM NEUROPATHOLOGY TO PATHOBIOLOGY AND MOLECULAR GENETICS", directed by Professor H. Budka, from Vienna- AUSTRIA

Member of the former concerted EU action (CA) of the EU "HUMAN

TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES: NEUROPATHOLOGY AND PHENOTYPIC VARIATION”, directed by Professor H. Budka, from Vienna- AUSTRIA

Member of the former EU concerted action (CA) of the EU “HUMAN TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES: THE NEUROPATHOLOGY NETWORK”, directed by Professor H. Budka, from Vienna- AUSTRIA.

Member of the EU former concerted action (CA) of the EU “NEUROCJD”, directed by Professor Richard Knight , Edhimburg- UK

Member of the former Portuguese Governemental Commission for survey and epidemiology of prion diseases.

2001- present Coordinator of the project sponsored by the Administration of the Hospital de Egas Moniz-Lisboa “**Olfactory mucosa autografts in Human SCI**”

PUBLICATIONS:

Vital JP, Exposto F, Laia M, Lima C. **O papel da mucosa olfativa na regeneração do nervo periférico.** Revista Portuguesa de Neurologia, 1993-13.

Lima C, Vital JP (1994). **OLFACTORY PATHWAYS IN THREE PATIENTS WITH CRYPTOCOCCAL MENINGITIS AND ACQUIRED IMMUNE DEFICIENCY SYNDROME.** J.Neurol Sci 123;195-199.

Lima C, Vital JP (1994). **OLFACTORY MUCOSA RESPONSE IN GUINEA PIGS FOLLOWING INTRANASAL INSTILLATION WITH *Cryptococcus neoformans* . A histological and immunocytochemical study.** Mycopathologia 126:65-

Lima C, Vital JP. **Olfactory pathways in four patients with cryptococcal meningitis and AIDS.** Neuropathology & Applied Neurobiology, May 1996, Vol 22, Suppl 1, pag.17.(abstract).

Lima C, Sousa S, Chorão M, Abecassis P, Leitão O."**Familial presenile dementia with osteopetrosis and diffuse neurofibrillary tangles: a new disease?"**Revista de Neurologia,

1996-19.

Berger J, Lima C, Champalimaud J, Rufina C, Leitão O, Budka H. **Detection of HIV-2 proviral DNA in the brain.** Clinical Neuropathology 1993;12:S1.(abstract).

Budka H, Lima C, Champalimaud J, Rufina C, Leitão O "Presence and distribution of HIV-2 antigens in the brain" Clinical Neuropathology 1993;12:S9.(abstract).

Mário Carreira, Carlos Lima, José Pimentel e Maria Sande Lemos. **DOENCA DE CREUTZFELDT-JAKOB: Estudo retrospectivo 1980-1996, resultados preliminares.** Saúde em números. Nov.96;11:36.

José G.Pimentel, Carlos Lima. "**Encefalopatias espongiformes humanas**". Revista da ORDEM dos MÉDICOS Fevereiro de 1997. .

Herbert Budka and participants of the Concerted Action. **The human prion diseases: from neuropathology to pathobiology and molecular genetics. Final report of an EU Concerted Action.** Neuropathology & Applied Neurobiology, 1997, Vol 23, pag.416/422.

Escada P, Vital JP, Capucho C, Lima C, da Silva JM, Penha RS. **Meningoencephalic herniation into the middle ear.** Revue de Laryngologie Otologie Rhinologie. 120(1):47-52, 1999.

Lima C, Sousa S.. **Familial presenile dementia with osteopetrosis and diffuse neurofibrillary tangles.** Neuropathology & Applied Neurobiology, May 1999, Vol 25, Suppl 1, pag.71.(abstract).

Fontoura P. Vale J. Lima C. Scaravilli F. Guimaraes J. **Progressive myoclonic ataxia and JC virus encephalitis in an AIDS patient.** Journal of Neurology, Neurosurgery & Psychiatry. 72(5):653-6, 2002.

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD. **Olfactory Mucosa Autografts in Human Spinal Cord Injury.** Proceedings of the 12th European Congress of Neurosurgery (EANS). Lisbon (Portugal), September 7-12, 2003.

Peduzzi, J.D., J.M. Meythaler, F. Rosser and C. Lima, (2004) **Olfactory Mucosa Produces Functional Improvement in Rats with Severe, ChronicSpinal Cord Injuries,** J. Neurotrauma 21:1342(abstract).

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD. **“Olfactory mucosa autografts in human spinal cord injury: A Pilot Clinical Study”.** e Journal of Spinal Cord Medicine . Volume 29, Number 3, 2006.

OTHERS:

September 7-12, 2003 –12th European Congress of Neurosurgery- Lisbon-Portugal

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD. Speaker **“Olfactory Mucosa Autografts in Human Spinal Cord Injury”**

November, 15-2003- Rehabilitation Institute of Michidan- Detroit Medical Center- USA.

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD;..

“ Olfactory mucosa autografts in SCI: from Rats to Humans.”

November, 17,18, 2003. University of Alabama-UAB-USA

Invited speaker

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD.

“ Olfactory mucosa autografts in SCI: from Rats to Humans.”

And

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD

“Cellular transplants in Human SCI: the olfactory mucosa experience and future challenges to Rehabilitation”.

February 20-21, 2004- ICCP SCI Clinical Trials Workshop, Vancouver, Canada

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD. Invited speaker and poster Presentation **“Olfactory Mucosa Autografts in Human Spinal Cord Injury”..**

November –2004- Rehabilitation Institute of Michigan- Detroit Medical Center- USA

Invited speaker

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD

Olfactory mucosa autografts in human SCI. (from rats to humans)

December, 4-2004, Osaka University, Osaka-Japan.

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD. Invited speaker **“Cellular therapies for human SCI: the olfactory mucosa experience”**

December 5,8-2004 , 4th Asia Pacific Symposium on Neural Regeneration,2004 , Osaka-Japan.

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD. Invited Speaker **“Olfactory Mucosa Autografts in Human Spinal Cord Injury: an update”**

June 19-24, 2005,13th World Congress of Neurological Surgery, Marrakesh, Morocco.

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; Peduzzi ,Jean, PhD . Poster Presentation **“Olfactory mucosa autografts in human sci”**

Julho,21-23, 2005- Centro Reabilitação da Tocha—Portugal . Co-organization of the 1th World Symposia on OMA (Olfactory Mucosa Autografts).

September 23-2005 International Conference "Advanced in Biology and Treatment of Malignant Brain Gliomas; Stem Cells and Neurosciences", Rome-Italy.

Lima, C*; Vital, JP; Escada, P; Peduzzi, J
Invited speaker “**Cellular therapies for human sci: the olfactory mucosa experience.**

December 15-16- 2005 ;Patients and stem cells – European Patient Conference Brussels-Belgium

. *Invited* speaker at the Session Five: **Politics and the Media.**

May 18-20 , 2006- Milano-Italy. 8th Congress of the Cell Transplant Society
Lima, C*; Vital, JP; Escada, P; Peduzzi, J.
Invited speaker/Chair “**Cellular therapies for human sci: the olfactory mucosa experience.**

Maio 21, 2006- Athens-Greece. Iaso General Hospital de Atenas .. Invited speaker
Lima, Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando,
MD, Capucho, C, MD, Peduzzi ,Jean, PhD

Oral presentation ”**Cellular therapies for human sci: the olfactory mucosa experience”**

June, 6-2006 – Caracas- Venezuela- Clínica Félix Boada.. Invited speaker
Lima, Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando,
MD, Capucho, C, MD, Peduzzi ,Jean, PhD

Oral presentation ”**Cellular therapies for human sci: the olfactory mucosa experience”**

June, 12-2006; Maracaibo- Venezuela. Universidad del Zulia. Invited speaker
Lima, Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando,
MD, Capucho, C, MD, Peduzzi ,Jean, PhD

Oral presentation: "Cellular therapies for human sci: the olfactory mucosa experience"

Setembro,9-10, 2006- Centro Giusti-Florence -Italy- Co-organization of the 2th World Symposia on OMA (Olfactory Mucosa Autografts).

September 14-16, 2006- Vatican-Rome-Italy-The Pontifical Academy for Life and the World Federation of Catholic Medical Associations (FIAMC) - "STEM CELLS: WHAT FUTURE FOR THERAPY? Scientific aspects and bioethical problems". Invited speaker

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD, CapUCHO, C, MD, Peduzzi ,Jean, PhD

Oral presentation "Possible uses of stem cells in the lesions of the spinal cord".

November 29 - December 2, 2006 • Lake Buena Vista, Florida-USA. The Howard H. Steel Conference; Injuries and Dysfunction of the Spinal Cord in Children.
Lima, C*; Vital, JP;Escada, P;Peduzzi, J.

Invited speaker: Oral presentation .**Cellular Therapies for Human Spinal Cord Injury: The Olfactory Mucosa Autograft Experience in Portugal .**

December 8-10,2006; 5th APSNR, (Asia-Pacific Symposium Neural Regeneration), Shanghai, China.

Invited speaker. Oral presentation. Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD; Peduzzi ,Jean, PhD

Olfactory mucosa autotransplantation for spinal cord injury

April, 17-2007 – House of the Lords – London –UK

Seminar on human embryonic stem cell research and the opportunities presented by adult stem cell therapies.Invited speaker. Oral presentation.

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD; Peduzzi ,Jean, PhD
USE OF OLFACTORY MUCOSA AS SOURCE OF ADULT STEM CELLS FOR SPINAL CORD INJURY

REPAIR•

April, 28-2007– Monterrey-Mexico- 50^a aniversario Clinica Vitro

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD ; CapUCHO, C,MD; Peduzzi ,Jean, PhD

"Cellular therapies for human sci: the olfactory mucosa experience"

May, 17-20-2007 – Cartagena de Indias- Colombia.

13th International Conference in Spinal Management ICSM

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD

Use of Olfactory Mucosa Autografts for Human SCI repair.

July, 24-2007- Rehabilitation Institute of Michigan- Detroit Medical Center-USA.

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts and Overground Gait Training : a Combinatory Therapy for Human SCI Recovery.

July 29-2007- Rehabilitation Hospital Indiana- Indianapolis-USA.

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts and Overground Gait Training : a Combinatory Therapy for Human SCI Recovery.

August 1-2007- Christiana Care Health Hospital – Christiana-Delaware-USA.

Visiting Professor and Presentation at Surgical Grand Rounds of the Department of Surgery

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD.

Olfactory mucosa autograft therapy for spinal cord injury.

August,1-2007- Delaware Institute of Neurological Sciences- Delaware-USA

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts and Overground Gait Training : a Combinatory Therapy for Human SCI Recovery.

August, 2-2007- Delaware Biotechnology Institute of the University of Delaware. - Delaware-USA

Invited speaker. Oral presentation.

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD; Peduzzi ,Jean, PhD
USE OF OLFACTORY MUCOSA AS SOURCE OF ADULT STEM CELLS FOR SPINAL CORD INJURY

REPAIR•

October, 20 -2007 - 25º Curso Pós-Graduado Dr. Carlos George-Tissue and Cell Therapy-1st International Course on tissue and Cell Therapy organized by Santa

**Marta Hospital –
Lisbon-Portugal**

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts in Human SCI

**November, 17 – 2007 – Traumatismes médullaires ; Blessés médullaires :
Recherches et thérapies nouvelles. Corum de Montpellier- Montpellier- France.**

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts and Overground Gait Training : a Combinatory Therapy for Human SCI Recovery.

December, 12 - 2007- Neuricinesis- Cordoba-Argentina.

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Carlos Arcangeli; Giovanna Lazzeri; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts and Overground Gait Training : a Combinatory Therapy for Human SCI Recovery.

February, 9 – 2008- Osaka University Nakanoshima Center- Department of Neurosurgery

Osaka University Medical School. Workshop on Olfactory Mucosa Autografts in Osaka- Japan.

Invited speaker. Oral presentation

Lima,Carlos, M.D; Vital, José Pratas,M.D., PhD; Escada, Pedro, MD ;Ferreira Armando, MD; Capucho, C,MD ; Carlos Arcangeli; Giovanna Lazzeri; Peduzzi ,Jean, PhD.

Olfactory Mucosal Autografts and Overground Gait Training : a Combinatory Therapy for Human SCI Recovery.

Carlos Lima, MD