**CURRICULUM VITAE**

**Name:** CARLES LALUEZA FOX

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**Date of birth:** 16/01/1965

**Current professional situation**

**Institution:** Consejo Superior de Investigaciones Científicas

**Place:** Institut de Biologia Evolutiva (CSIC-Universitat Pompeu Fabra)

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**Professional employment and starting date:** Research Professor CSIC (20-04-2017)

Final del formulario

**Academic formation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Degree** |  | **Institution** |  | **Date** |
| Biology |  | Universitat de Barcelona |  | 30/06/1988 |
| **PhD** |  | **Institution** |  | **Date** |
| Biology |  | Universitat de Barcelona |  | 06/10/1995 |

**Past professional employments**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activity** |  | **Center/Institution** |  | **Period** |
| Associate professor |  | Universitat de Barcelona |  | 01/10/1996 - 30/11/2003 |
| Researcher Ramon y Cajal |  | Universitat Pompeu Fabra |  | 01/12/2003 - 12/04/2004 |
| Lecturer |  | Universitat de Barcelona |  | 13/04/2004 -26/05/2008 |
| Researcher |  | CSIC |  | 26/05/2008-20-04-2017 |

**Main publications (1992-2018)**

**2018**

Ebenesersdóttir ,S.S., Sandoval-Velasco, M., Gunnarsdóttir, E.D., Jagadeesan, A., Guðmundsdóttir,V.B., Thordardóttir, E.L., Einarsdóttir, M.S., Moore, K.H.S., Sigurðsson, Á., Magnúsdóttir, D.N., Jónsson, H., Snorradóttir, S., Hovig, E., Møller, P., Kockum, I., Olsson, T., Alfredsson, L., Hansen, T.F.,, Werge, T., Cavalleri, G.L., Gilbert, E., Lalueza-Fox, C., Walser, J.W. 3rd, Kristjánsdóttir, S., Gopalakrishnan, S., Árnadóttir, L., Magnússon, Ó.Þ., Gilbert, M.T.P., Stefánsson, K., Helgason. A. (2018) Ancient genomes from Iceland reveal the making of a human population. **Science** 360, 1028-1032.

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**2017**

Tassi, F., Vai, S., Ghirotto, S., Lari, M., Modi, A., Pilli, E., Brunelli, A., Susca, R.R., Budnik, A., Labuda, D., Alberti, F., Lalueza-Fox, C., Reich, D., Caramelli, D., Barbujani, G. (2017) Genome diversity in the Neolithic Globular Amphorae culture and the spread of Indo-European languages. **Proc. Biol. Sci.** 284(1867): 20171540.

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**2014**

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**2013**

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**2012**

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Hernandez, M., Lalueza, C. and Garcia Moro, C. (1997): Fueguian cranial morphology: the adaptation to a cold, harsh environment. **American Journal of Physical Anthropology**, Vol. 103: 103-117.

Lalueza, C., Perez-Perez, A., Prats, E., Cornudella, L., and Turbon, D. (1997): Lack of founding Amerindian mitochondrial DNA lineages in extinct aborigines from Tierra del Fuego-Patagonia. **Human Molecular Genetics**, Vol. 6 (1): 41-46.

Lalueza, C., Gonzalez, A., and Vives, S. (1996): Cranial variation in the iberian peninsula and the balearic islands: inferences about the history of the population. **American Journal of Physical Anthropology**, Vol. 99 (3): 413-428.

Lalueza, C. (1996): Physical anthropological aspects of the mesolithic-neolithic transition in the Iberian Peninsula. **Current Anthropology**, Vol. 7 (4): 689-695.

Lalueza, C. (1996): Mitochondrial DNA haplogroups in four tribes from Tierra del Fuego/Patagonia: inferences about the peopling of America. **Human Biology**, Vol. 68 (6): 855-871.

Lalueza, C., Perez-Perez, A., and Turbon, D. (1996): dietary inferences through buccal microwear analysis of Middle and Upper Pleistocene human fossils. **American Journal of Physical Anthropology**, Vol. 100 (3): 367-387.

Lalueza, C., Juan, J., and Albert, R.Mª. (1996): Phytolith analysis on dental calculus, enamel surface and burial soil: information about diet and paleoenvironment. **American Journal of Physical Anthropology**, Vol. 101 (1): 101-113.

Lalueza, C. (1996): analysis of ancient mitochondrial dna from extinct aborigines from Tierra del Fuego/Patagonia. **Ancient Biomolecules**, Vol. 1: 43-55.

Ramos, M.D., Lalueza, C., Girbau, E., Perez-Perez, A., Quevedo, S., Estivill, X., and Turbon, D. (1995): Amplifying dinucleotide microsatellite loci from bone and tooth samples of up to 5,000 years of age: more inconsistency than usefulness. **Human Genetics**, Vol. 96: 205-212.

Perez-Perez, A., Lalueza, C. and Turbon, D. (1994): Intraindividual and Intragroupal variability of buccal tooth striation pattern. **American Journal of Physical Anthropology**, Vol. 94 (2): 175-188.

Lalueza, C., Juan, J., and Perez-Perez, A. (1994): Dietary information through the examination of plant phytoliths on the enamel surface of human dentition. **Journal of Archaeological Science**, Vol. 21: 29-34.

Lalueza Fox, C. and Perez-Perez, A. (1993): The diet of the Neanderthal child Gibraltar 2 (Devil's Tower) through the study of the vestibular striation pattern. **Journal of Human Evolution**, Vol. 24 (1): 29-41.

Lalueza, C., Perez-Perez, A. and Turbon, D. (1993): Microscopic study of the Banyoles' mandible (Girona, Spain): diet, cultural activity and toothpick use. **Journal of Human Evolution**, Vol. 24 (4): 281-300.

Lalueza, C. (1992): Information obtained from the microscopic examination of cultural striations. **International Journal of Osteoarchaeology**, Vol. 2: 155-169.

Lalueza Fox, C. and Berkovitz, B.K.B. (1992): Differences in the striation pattern in cases with unilateral buccal pathologies. **International Journal of Anthropology**, Vol. 7 (2): 27-39.

**Research Grants**

**Principal Investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Economía y Competitividad

**Title**: The genomic prehistory of the Iberian Peninsula

**Grant code:** BFU2015-64699-P

**Period:** 2016-2018

**Principal Investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Ciencia e Innovación

**Title**: Evolutionary inferences from targeted sequence retrieval of Neandertal genomic regions

**Grant code:** BFU2012-34157

**Period:** 2013-2015

**Partner investigator**

**Institution**: Australian Research Council (IP: Prof. Alan Cooper)

**Title**: A powerful new genetic view of the recent evolutionary history of humans and their diseases

**Grant code:** CP110105038 (380,000 Aus $)

**Period:** 2011-2013

**Principal Investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Ciencia e Innovación

**Title**: Diversidad genómica Neandertal caracterizada mediante técnicas de ultrasecuenciación

**Grant code:** BFU2009-06974

**Period:** 2009-2012

**Principal Investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Educación y Ciencia

**Title**: Genetica evolutiva de *Homo neanderthalensis*: análisis filogeográfico y rasgos adaptativos

**Grant code:** CGL2006-03987

**Period:** 2006-2009

**Partner investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Educación y Ciencia

**Title**: Ecología, biología y comportamiento social y técnico en el Pleistoceno y Holoceno de la Sierra de Atapuerca

**Grant code:** BOS 2003-08938-C03-03

**Period:** 2004-2006

**Partner investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Educación y Ciencia

**Title**: Aplicación de Nuevas Tecnologías al Estudio de la Diversidad Genética de las poblaciones humanas

**Grant code:** BOS2001-0794

**Period:** 2002-2004

**Partner investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Educación y Ciencia

**Title**: Análisis de la Diversidad Genética en poblaciones humanas y otros primates.

**Grant code:** PB-98-1064

**Period:** 1999-2001

**Partner investigator**

**Institution**: SPGC - Programa Nacional de Promoción General del Conocimiento, Ministerio de Educación y Ciencia

**Title**: Variabilidad del DNA mitocondrial antiguo extraído a partir de material esquelético: Contrastación de modelos de dispersión de las poblaciones humanas

**Grant code:** PB93-0021

**Period:** 1994-1997

**Partner Investigator**

**Institution**: ACIN - Acciones Integradas, MEDU - Ministerio de Educación y Ciencia.

**Title**: Análisis de DNA en Restos Oseos Humanos del Pasado y su Aplicación al Estudio de Migraciones y Enfermedades

**Grant code:** HB-38-A 92/

**Period:** 1992 -1993

**Published Books**

C. Lalueza Fox. (1999). **Missatges del passat**. Edicions Bromera, Universitat de València. ISBN: 84-7660-448-3.

C. Lalueza Fox (2002). **Races, racisme i diversitat**. Edicions Bromera, Universitat de València. ISBN: 84-7660-669-9; 84-370-5384-6.

C. Lalueza Fox (2002). **Razas, racismo y diversidad**. Editorial Algar. ISBN: 84-95722-07-0.

C. Lalueza Fox (2002). **Dioses y Monstruos**. Editorial Rubes. ISBN: 84-497-0093-0.

C. Lalueza Fox (2003). **El color sota la pell**. Editorial Rubes. ISBN: 84-497-0143-0.

C. Lalueza Fox (2003). **El bestiari extingit**. Pagès Editors. ISBN: 84-9779-060-X.

C. Lalueza Fox (2005). **Genes de Neandertal**. Editorial Síntesis. Madrid. ISBN: 84-9756-338-7.

C. Lalueza-Fox (2006). **Cuando éramos caníbales**. Ed. La Voz de Galícia. ISBN: 84-9757-233-5.

C. Lalueza-Fox (2013). **Palabras en el tiempo; la lucha por el genoma neandertal.** Ed. Crítica; colección Drakontos. ISBN10: 8498924545, ISBN13: 978-8498924541.

C. Lalueza-Fox (2016). **Genes, reyes e impostores. Una historia detectivesca tras los análisis genéticos de reyes europeos**. Ed. Cálamo. ISBN: 978-84-16742-02-8.

C. Lalueza-Fox (2017). **La forja genética de Europa; una nova visió del passat de les poblacions humanes.** Ed. Universitat de Barcelona. ISBN: 978-84-475-45077-8.

C. Lalueza-Fox (2017). **Des-extinciones.** Tibidabo Ediciones. ISBN: 978-84-9117-562-9.

**Research awards**

1-Winner of the Premi Ciutat de Barcelona of Scientific Research 2007. 8,000 €.

**Popular Science Awards**

1-Winner of the VII Premio Europeo de Divulgación Científica, promoted by the Universidad de Valencia, October 2001, with the book “Races, racisme i diversitat”. Awarded: 16 November 2001. Amount: 2,000,000 pesetas (12,000 €).

2-Winner of the VII Premio de Literatura Científica, promoted by the Fundació Catalana per a la Recerca, with the book “El color sota la pell”. Awarded: 14 November 2002. Amount: 6,500 €.

3-Winner of the 1st Premio Internacional de Ensayo Esteban de Terreros (Fundación Española para la Ciencia y la Tecnología) with the book “Genes de Neandertal”. Awarded: 30 June 2005. Amount: 10.000 €.

4-Winner of the XVIII Premio Prismas Casa de las Ciencias (La Coruña) with the book “Cuando éramos caníbales”. Awarded: 15 November 2005. Amount: 6.000 €.

**Research stays**

**1-Institution:** University of Cambridge, UK (Department of Biological Anthropology)

**Status:** Postdoctoral researcher (founded by Comissió Interdepartamental per a la Recerca i Innovació Tecnològica, Generalitat de Catalunya).

**Stay:** 1997 (1 year)

**2-Institution:** University of Oxford, UK (Department of Biological Anthropology)

**Status:** Postdoctoral researcher (founded by Comissió Interdepartamental per a la Recerca i Innovació Tecnològica, Generalitat de Catalunya).

**Stay:** 1998 (1 year)

**3-Institution:** deCODE Genetics (Reyjavik, Iceland)

**Status:** Scientific Advisor

**Stay:** 2001 (1 month)

**PhD Supervisor**

**Title:** Genetic analysis of the prehistoric peopling of Western Europe: ancient DNA and the role of contamination

**Student:** Maria Lourdes Sampietro

**University:** Universitat Pompeu Fabra

**Year**: 2007 **Qualification** : Apto Cum Laude

**Title:** Homo neanderthalensis evolutionary genetics: adaptation and phylogeographic analysis

**Student:** Elena Gigli

**University:** Universitat Pompeu Fabra

**Year**: 2011 **Qualification** : Apto Cum Laude

**Title:** Addressing Neandertal evolutionary genetics at three different resolution levels: admixture with modern humans, demography and social structure

**Student:** Federico Sánchez-Quinto

**University:** Universitat Pompeu Fabra

**Year**: 2014 **Qualification** : Sobresaliente Cum Laude

**Title:** Genetic analysis of prehistoric European populations

**Student:** Iñigo Olalde (Beca Doctorado País Vasco)

**University:** Universitat Pompeu Fabra

**Year:** 2016  **Qualification:** Sobresaliente cum laude- premio extraordinario de Tesis Doctoral

**Others**

**Title**: Carles Lalueza-Fox (2012). Current Biology 22(19): R822, Q&A.