

CURRICULUM VITAE

PERSONAL DETAILS

<i>Name</i>	Florin Mircea ILIESCU
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<i>Nationality</i>	Romanian, British
<i>Languages</i>	Romanian, English (fluent), French, Italian, Spanish (conversational)
<i>Computer literacy</i>	Microsoft Office, SPSS statistical software, R programming language

EDUCATION

<i>January 2009 – May 2016</i> <i>Degree</i>	University of Cambridge – Pembroke College PhD in Human Evolutionary Genetics with Prof Toomas Kivisild
<i>October 2006 – January 2009</i> <i>Degree Started</i>	University of Cambridge – Pembroke College Research in Neuroscience and Immunology started but project changed and PhD continued in Human Evolutionary Genetics
<i>September 2004 – June 2006</i> <i>Degree</i>	The University of Edinburgh - College of Science and Engineering Bachelor of Science with Honours in Molecular Biology (a Darwin Trust scholarship covering the 3 rd and 4 th years of study)
<i>September 2002 – June 2004</i> <i>Degree started</i>	The University of Bucharest – Faculty of Biology Bachelor of Science in Biochemistry (the first two years completed, degree continued at The University of Edinburgh)

RESEARCH AND WORK EXPERIENCE

<i>September 2020 – To date</i>	Laboratory of Human Genomics, UMF Craiova, Romania > Director of the research project: “The genetic diversity of admixed populations in South Asian and European populations”.
<i>July 2019 – February 2020</i>	University of York > Postdoctoral researcher in evolutionary genomics of tropical parasites
<i>February 2019 – July 2019</i>	Roehampton University > Data research analyst working with the head of student engagement on RAFA2 project: closing the attainment gap between BAME and white students across UK universities.
<i>July 2017 – February 2019</i>	Pontificia Universidad Catolica de Chile – Centre for Intercultural and Indigenous Research (CIIR), Santiago de Chile > Postdoctoral research on the evolutionary genetics of Chilean populations
<i>January 2009 – May 2016</i>	University of Cambridge – Division of Biological Anthropology > PhD project on the genetics and evolution of human skin pigmentation

<i>Key Skills</i>	> Interdisciplinary mind, extensive knowledge of genetics, a holistic view of human biology and evolution, manipulating large biological datasets, complex statistical analyses - R programming language, the ability to present and disseminate scientific discoveries to both specialist and general audiences
<i>June 2010 – October 2017</i>	Squire Law Library – The Cambridge University Library > Part-time evening library assistant
<i>September 2009 – February 2010</i>	Fieldwork research in Hyderabad, India > Data collection from 1405 individuals, genotyping over 3000 samples in the host institute, The Centre for Cellular and Molecular Biology, Hyderabad
<i>Key Skills</i>	> Dealing with various stakeholders, talking to people and earning their trust with an honest approach, dealing with the most unexpected situations during fieldwork collection, genetic analyses under difficult lab conditions
<i>July 2009</i>	The Darwin Festival, Cambridge > Working in a variety of roles as part of the Darwin Festival volunteer team
<i>October 2008 – April 2009</i>	University of Cambridge – Department of Pathology, CAMPOD > Fund raising through organising charity events for CAMPOD
<i>January 2008 – January 2009</i>	University of Cambridge – Department of Pathology > Research project on the adaptive immune system
<i>October 2006 – December 2007</i>	University of Cambridge – Department of Pathology > Research project on the development of mouse neural stem cells
<i>January 2006 – May 2006</i>	The University of Edinburgh – Institute for Stem Cell Research > Honours project on the epigenetics of stem cells

TEACHING

<i>January 2019 – to date</i>	University of Cambridge – Institute of Continuing Education > Tutor and course director for the evolutionary biology courses
<i>July 2016 – July 2017</i>	University of Cambridge – Institute of Continuing Education > Tutor and course director for the evolutionary biology diploma
<i>January 2011 – March 2011</i>	Supervising the Biological Anthropology course: the human animal > Genetics focused module discussing comparative genomics and its applications to human evolutionary genetics research today
<i>October 2010 – May 2011</i>	Supervising the Paper 2 Course: Humans in Biological Perspective > General first year course covering an extensive range of topics: human evolution, evolutionary genetics, human adaptation, and cultural evolution

PARTICIPATION AT CONFERENCES

<i>April 2017</i>	American Association of Physical Anthropology, New Orleans > Selected poster presentation within a special posters' symposium on the evolution and genetics of human skin colour around the world: "The complicated genetic landscape of skin colour in India"
<i>April 2016</i>	American Association of Physical Anthropology meeting, Atlanta

> Selected podium presentation in the human genetic variation session:
“Unravelling the evolutionary forces driving skin colour diversity in India”

September 2015

GENOPRO conference, Invertis University, Bareilly, India

> Invited plenary lecture: “Unravelling the genetics of human pigmentation in India”

April 2014

EMBO conference, Leicester: Human evolution in the genomic era

> Selected oral presentation: “The evolutionary genetics of human pigmentation in India”

September 2012

Cambridge Biological and Life Sciences Symposium, Cambridge

> Oral presentation: “The evolutionary genetics of human pigmentation in India”

June 2012

Annual meeting of the society for molecular biology and evolution (SMBE), Dublin

> Poster presentation: “The genetics of human pigmentation in India”

14th January 2011

Cambridge Evolutionary Genetics Workshop

> Oral Presentation: “An association study of human pigmentation genes in South Asia”

REVIEW PAPERS - published

November 2018

The American Journal of Physical Anthropology (AJPA): Quillen EE, et al. Shades of complexity: new perspectives on the evolution and genetic architecture of human skin

> Co-authorship: key review paper, part of the core team

RESEARCH PAPERS – published

January 2023

The American Journal of Biological Anthropology (AJBA): Iliescu, F.M., et al. The effect of skin colour variation on 25(OH)D concentration in Polish children.

> First authorship

March 2020

Scientific Reports: Rai N., et al. Ancient mtDNA from the extinct Indian cheetah supports unexpectedly deep divergence from African cheetahs

> Co-authorship: part of the core team, analysed data and wrote the paper

August 2018

The American Journal of Human Biology (AJHB): Iliescu FM, et al. The influences of genes, the environment, and social factors on the evolution of skin color diversity in India.

> First authorship

September 2016

Nature Journal: Pagani L, et al. Genomic analyses inform on migration events during the peopling of Eurasia.

> Co-authorship: part of the core team that analysed the data, discussed the results, and wrote the article

November 2013

PLoS Genetics Journal: Basu Mallick C*, Iliescu FM*, et al. (2013) The light skin allele of SLC24A5 in South Asians and Europeans shares identity by descent

> First authorship (shared)

July 2013

Annals of Human Genetics Journal: Raj SM, et al. (2013) Variation at diabetes – and obesity – associated loci may mirror neutral patterns of human population diversity and diabetes prevalence in India

> Co-authorship

Fellowships and grants

February 2019

Fondecyt postdoctoral grant from the Chilean Research Council

> 3 years postdoctoral fellowship awarded to pursue the submitted proposed research project following a competitive international contest

September 2009 – February 2010

Research funding covered from UKIERI Major Award

> Research and travel grant for 6 months of fieldwork in India