

Professor Nicole Soranzo, BSc, PhD, FMedSci

Curriculum Vitae

Present addresses:

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Education and training

1989-1994	Bachelor of Science in Biological Sciences (110/110 cum laude), University of Milan, Italy
1996-1999	PhD in Genetics and Biotechnology, University of Dundee, UK

Current Positions

Jan 2021-	Head of Genomics Research Centre - Population & Medical Genomics, Genomics
Jan 2017-	Senior Group Leader, Wellcome Sanger Institute, Hinxton, UK
Oct 2015-	Professor of Human Genetics, School of Clinical Medicine, University of Cambridge, Cambridge, UK

Previous Positions

1999-2002	Post-doctoral research fellow, University of Milan, Italy
2002-2005	Post-doctoral research fellow, University College London, UK
2005-2007	Senior Scientist, Pharmacogenomics Department, Johnson and Johnson Pharmaceutical Research and Development, Raritan, NJ, USA
2007-2009	Senior Staff Scientist, Wellcome Trust Sanger Institute, Hinxton, Cambridge, UK
2008-2009	Honorary Lecturer, King's College London School of Medicine, London, UK
2009-2011	Honorary Senior Lecturer, King's College London School of Medicine, London, UK
2009-2012	Career Development Group Leader, Wellcome Trust Sanger Institute, Hinxton, UK
2013-2015	Principal of Research, University of Cambridge, Cambridge, UK
2012-2017	Group Leader, Wellcome Trust Sanger Institute, Hinxton, UK

Web profiles

<https://humantechnopole.it/en/people/nicole-soranzo/>
<http://www.sanger.ac.uk/people/directory/soranzo-nicole>
<http://www.cardiovascular.cam.ac.uk/directory/nsoranzo>

<http://platelets.group.cam.ac.uk/people/nicole-soranzo>
<http://donorhealth-btru.nih.ac.uk/contact.html>
<http://orcid.org/0000-0003-1095-3852>
<https://scholar.google.co.uk/citations?user=WH1kIMIAAAAJ&hl=en>

Grant Funding

Dates	Title	Awarding body	Total award amount	Total amount to PI	Role
2009 - 2010	Replication for blood cell indices associations	Wellcome Trust (WT)	£29,568	£29,568	Sole PI
2009 - 2011	WTCCC3 Renal Transplant Dysfunction	Wellcome Trust (WT)	£10M	£3.2M	Co-applicant
2009-2010	In-depth characterization of cardiometabolic risk factors using metabolomics profiling	Pfizer	£1.8M	£300,000	Co-applicant
2009-2010	FP6 - ENGAGE Exchange and Mobility Program to Ann-Kristin Petersen	EU FP6 - ENGAGE	£9,458	£9,458	Sole PI
2009-2014	Premature cardiovascular disease and platelet quantitative traits	British Heart Foundation	£1,042,372	Awarded through University of Cambridge	Co-applicant
2010-2013	“10,000 UK genome sequences: accessing the role of rare genetic variants in health and disease”	Wellcome Trust (WT)	£10.4M	£2.4M	Co-applicant (Theme Leader)
2011-2013	Next Generation Sequencing in Extremes to Identify Functional Genetic Variants affecting Red Blood Cell Volume	LSBR (Netherlands)	€368,969	Awarded through University of Cambridge	Co-applicant
2011-2016	A BLUEPRINT of Hematopoietic Genomes	EU FP7	€35M	-	Co-applicant (Theme Leader)
2012-2017	NIHR Cambridge Biomedical Research Centre	NIHR	£110,073,288	Awarded through University of Cambridge	Co-applicant
2012-2015	EpiGeneSys RISE 1 new investigator award	EU FP7	€ 199,995	€ 199,995	PI
2013-2017	ESPOD fellowship to Valentina Iotchkova	WT/ EMBL	£162,000	£81,000	Co-applicant
2015-2018	Center for Therapeutic Target Validation	GSK/EMBL/W T	£131,336	£131,336	PI
2015-2020	NIHR Biomedical Research Unit in Donor Health and Genomics	NIHR	£4,099,619	£217,022	Co-applicant (Theme Leader)
2015-2018	ESPOD fellowship to Na Cai	WT/ EMBL	£162,000	£81,000	Co-applicant
2019-2023	Centre of Research Excellence	British Heart Foundation	£5,996,000	£750,000	Co-applicant (Theme Leader)

2019-2022	Target Validation Using Metabolomics	BioMarin Pharmaceuticals	£1,000,042	£1,000,042	PI
2021-2022	Chan Zuckerberg Foundation	Chan Zuckerberg Foundation	£2,800,000	£2,800,000	PI

Awards and honours

- 2010 [Paula und Richard von Hertwig-Preis for International Cooperation](#)
2012 [MRC Suffrage Science Award](#)
2014 [Movers and Shakers in Biobusiness, BioBeats](#)
2016 [Top Italian Women Scientist](#)
2018 [Fellow of the Academy of Medical Sciences \(FMedSci\)](#)
2019 [Fellow of the European Molecular Biology Organisation \(EMBO\)](#)
2020 [Forbes Italia - Top 100 Italian Women 2020](#)

[Highly Cited Researcher, Thomson Reuters](#) (2014 and onwards)

Awards to Team Members

- 2010 ENGAGE Young Investigator (So-Youn Shin)
2018 Semi-finalist, William J. Epstein Trainee Award in Human Genetics (Kousik Kundu)
2018 Winner, William J. Epstein Trainee Award in Human Genetics (Dragana Vuckovic)

Positions of Trust

- 2009-2015 Steering Committee and Chair, HaemGen Consortium
2009-2012 Steering Committee, MAGIC (Meta-Analyses of Glucose and Insulin related traits Consortium)
2009-2012 Steering Committee, GBPG (Global Blood Pressure Genetics) Consortium
2009-2012 Steering Committee, Wellcome Trust Case Control Consortium Phase 3
2011-2015 Steering Committee and Co-chair of Cohorts project, UK10K Project
2011-2016 Steering Committee, EU FP7 BLUEPRINT Project
2015-2021 Steering Committee and Theme Leader, NIHR BTRU
2012- Scientific Advisory Board, GECCO (Genetics and Epidemiology of Colorectal Cancer Consortium, Fred Hutchinson Cancer Research Center)
2015 Selection Committee, Head of Division of Genetics and Molecular Medicine (King's College London)
2016- Steering Committee, BHF Cambridge Centre of Excellence ([CRE](#))
2017- Scientific Advisory Board, MRC Integrative Epidemiology Unit ([IEU](#))
2017- Steering Committee, Cambridge Biomedical Research Centre ([BRC](#))
2018- Steering Committee, Cardiovascular Strategic Research Initiative ([SRI](#))
2018- Management Committee, Human Technopole ([HTI](#))
2018 Board of Electors to the Professorship of Donor Health and Genomics (University of Cambridge)
2019- Organising Committee, International Common Disease Alliance
2019- Scientific Advisory Board, MRC WIMM CCB
2020 Recruitment panel, Director of Heart and Lung Institute, University of Cambridge
2020 Board of Electors to the Professorship of Molecular Endocrinology (University of Cambridge)

Grant review

2012-2017	Award Committee, Wellcome Trust-Royal Society Sir Henry Dale Junior Investigator
2016	Award Committee, Investigator Awards, Academy of Finland
2017-2019	Expert Review Panel (Genetics and Genomics), Wellcome Trust
2018	Review Panel, CIFAR Genetic Networks Program, Canada
2021	Review Panel, CRG Bioinformatics and Genomics, Barcelona
2022	Evaluation panel, European Research Council Consolidator Grant 2022

Conference organisation

2017	Scientific Organising Committee, Genomics of Common Diseases
2018	Moderator, American Society of Human Genetics
2021	Academic Organiser & Speaker, Cell Symposia “20 Years of the Human Genome: From Sequence to Substance” San Diego, April 2021 (with Tuuli Lappalainen)

Editorial Service

2011	Editorial Board, Cardiogenetics
2011-2012	Guest Editor, PLoS Genetics
2011-	Editorial Board, BMC Cardiovascular Disorders
2012	Guest Editor, Cardiogenetics
2014-	Editorial Board, European Journal of Genetic Epidemiology
2015-	Editorial Board, Molecular Biology and Evolution
2015-	Editorial Board, Trends in Genetics
2018-	Editorial Board, PLoS Biology

Academic Service

Postgraduate courses regularly taught

2009-	PhD Programme, Sanger Institute, University of Cambridge,
2011-	PhD Programme, British Heart Foundation, University of Cambridge
2012-	Sardinia Genetics Summer School
2012-	Leena Peltonen School of Human Genomics

PhD advisor

2010-2014	Aparna Radhakrishnan (Secondary advisor)
2012-2015	Jie Huang (Primary advisor)
2014-2017	Alice Stanley (Primary advisor)
2016-2019	Lisa Schmunk (Secondary advisor)
2016-2019	Parsa Akbari (Secondary advisor)
2018-2021	Brittany Howell (Primary advisor)

PhD advisory committee

2009-2012	Dirk Paul (Advisor P. Deloukas)
2011-2014	Zihao Ding (Advisor R. Durbin)
2013-2017	Leyland Taylor (Advisors F. Collins/E. Birney)
2014-2018	Fernando Riveros-Mackay (Advisor I. Barroso)

2017-2020 Mohammed Almarri (Advisor. C. Tyler-Smith)

PhD First-year Viva Examiner (Sanger Institute)

2012 Jimmy Liu (Advisor C. Anderson)
2014 Kaur Alasoo (Advisor D. Gaffney)
2015 Vagheesh Narasimhan (Advisor R. Durbin)
2015 Jan Botthof (Advisor A. Cveic)
2016 Rachel Moore (Advisor I. Barroso)
2019 Tapoka Mkandawire (Advisor M. Berriman)
2020 Veronika Kedlian (Advisor S. Teichmann)

PhD Viva Examiner

2010 Michael Inouye, University of Leiden
2012 Suthesh Sivapalaratnam, University of Amsterdam
2012 Gad Abraham, University of Melbourne
2014 Maria Gutierrez-Arcelus, University of Geneva
2014 Donal Gorman, University of Cambridge
2015 Massimo Mezzavilla, University of Trieste
2015 Dragana Vuckovic, University of Trieste
2015 Manuel Rivas, University of Oxford
2015 Claudia Giambartolomei, University College London
2016 Ilaria Gandin, University of Trieste
2016 Serena Sanna, University of Groningen
2017 Matthias Heindel, University of Cambridge
2020 Diego Garrigo, CRG, Spain
2020 Melike Donertas, University of Cambridge

Current Team

2011- Klaudia Walter (Senior Staff Scientist, Wellcome Trust)
2013- Stephen Watt (Senior Research Assistant, Wellcome Trust)
2015- Kousik Kundu (Post-doctoral Fellow, NIHR)
2017- Manuel Tardaguila (Post-doctoral Fellow, Wellcome Trust)
2018- Hannes Postingl (Senior Staff Scientist, Wellcome Trust)
2018- Eve Coomber (Senior Research Associate, Wellcome Trust)
2019- Patrick Albers (Post-doctoral Fellow, Wellcome Trust)
2019- Suraj Singh (Post-doctoral Fellow, Wellcome Trust)
2019- Dominique von Schiller (Research Associate, Wellcome Trust)
2020- Jing Guo (Post-doctoral Fellow, NIHR BTRU)
2020- Nicole Staudt (Project Manager, Cardinal Project, Wellcome Trust)

Current Extended Team (with NIHR BTRU and University of Cambridge)

2014- Tao Jiang (Post-doctoral Fellow, NIHR)
2016- Qi Guo (Career Development Fellow, NIHR)
2016- Lisa Schmunk (PhD Student, British Heart Foundation)
2016- Parsa Akbari (PhD Student, NIHR)

Alumni

Name	Period	Role	Current position
So-Youn Shin	2009-2013	Post-doc	Senior Scientist, GNS healthcare, New Jersey, USA

Aparna Radhakrishnan	2009-2011	PhD	Bioinformatics Analyst, Washington University
Yasin Memari	2009-2012	Post-doc	Senior Bioinformatician, University of Cambridge
Chris Franklin	2011-2014	Post-doc	Senior Scientist, Genomics Plc.
Jie Huang	2012-2014	PhD	Faculty at VA Healthcare Boston, USA
Massimiliano Cocca	2013-2014	Visiting PhD Student	Biomedical engineer, University of Trieste, Italy
Matthias Geihs	2014-2014	Visiting Masters Student	Post-doctoral fellow, Technische Universität Darmstadt, Germany
Heleen Bouman	2014-2015	Visiting post-doc	Resident in Internal Medicine, Maastricht UMC+, Netherlands
Daniel Mead	2014-2016	Project manager	Research Project Manager at Optimum Patient Care
Lu Chen	2011-2016	Post-doc	Associate Professor at Sichuan University, China and Fellow of China's 1000 Talents Programme
Heather Elding	2014-2017	Post-doc	Financial Markets Consultant, Quanteam UK and Co Director at Dedicated Apps Ltd
Ying Yan	2014-2017	Bioinformatician	Curator, Sanger Institute
Valentina Iotchkova	2013-2017	Post-doc	MRC Fellow in Computational Biology, MRC Weatherall Institute of Molecular Medicine
Louella Vasquez	2012-2017	Post-doc & staff scientist	Bioinformatician, Lund University, SciLifeLab and National Bioinformatics Infrastructure Sweden
Lorenzo Bomba	2015-2018	Post-doc	Research Scientist at BioMarin Pharmaceuticals Inc., USA
Na Cai	2016-2019	Post-doc	Principal Investigator, Helmholtz Pioneers Campus
Parsa Akbari	2016-2020	PhD	Senior Scientist at Regeneron, USA
Lisa Schmunk	2016-2020	PhD	Post-doc, BHF CRE
Alice Mann	2018-2019	PhD	Operations Manager, Open Targets
Dragana Vuckovic	2017-2020	Post-doc	Lecturer in Computational Epidemiology and Biostatistics, Imperial College

Visiting Scientists

2010-2011 - Lorenzo Bomba (PhD student, Università Cattolica di Piacenza, Italy)
2011-2011 - Antonietta Robino (PhD student, University of Trieste, Italy)
2012-2012 - Michela Traglia (Post-doctoral fellow, University of Milan, Milan, Italy)
2012-2012 - Jan Krumsiek (Post-doctoral fellow at Helmholtz Zentrum München, Germany)
2015-2015 - Caterina Barbieri (PhD student, University of Milan, Milan, Italy)
2015-2015 - John Morris (PhD student, McGill University, Montreal, Canada)
2015-2015 - Dragana Vuckovic (Post-doctoral fellow, University of Trieste, Italy)
2016-2016 - Sahir Bhatnagar (PhD student, McGill University, Montreal, Canada)
2019-2019 - Lucy Goudswaard (PhD student, Bristol University)

2019-2019 - Fabio Zanarello (MSc student, University of Milano, Italy)
2019-2019 - Megan Garcia (MSc student, KTH Royal Institute of Technology, Sweden)
2019-2019 - Maliha Chowdhury (BSc student, Independent University, Bangladesh (IUB)) (Sanger Prize Winner)

Sabbatical

2010-2010 - Prof. Giovanni Malerba (Assistant Professor, University of Verona, Italy)
2016-2017 - Prof. Nicholas Morrell (University of Cambridge, UK)

Institutional roles

2009- Member of the Sequencing Committee (SeqCom)
2009- Member of the PDF Committee
2009- Member of the Committee of Graduate Studies (ad hoc help with student shortlisting)
2012-2014 Chair of the Scientific Advisory Council, Wellcome Trust Sanger Institute
2016- Mentoring Circle (several mentoring activities within and outside the institute)
2018- Chair of the Equality in Science Committee
2018- Chair of the Post-doctoral Studies Committee

Platform Talks, Keynotes and Invited Seminars since 2009

04.2009 - King's College London - London, UK
04.2009 - Cardiogenics Annual Meeting - Lubeck, Germany
04.2009 - European Society of Human Genetics - Vienna, Austria
05.2009 - Helmholtz Zentrum Munich - Munich, Germany
09.2009 - University of Verona - Verona, Italy
10.2009 - Amsterdam Medical Center - Amsterdam, the Netherlands
10.2009 - ASHG Meeting, Honolulu, Hawaii - USA
10.2009 - Triticaeae Meeting - Lodi, Italy
11.2009 - Bloodomics Meeting, Madingley, UK
11.2009 - Yang-Ming Institute of Public Health - Taiwan
11.2009 - National Yang Ming University - Taiwan
11.2009 - Academia Sinica - Taiwan

04.2010 - Scandinavian Human Genetics Meeting - Oslo, Norway
06.2010 - British Heart Foundation PhD program - Cambridge, UK
06.2010 - American Diabetes Association - Orlando, USA
08.2010 - First OpenGENE Young Investigator Workshop - Tartu, Estonia
08.2010 - Leena Peltonen School of Human Genetics – Hinxton, UK

02.2011 - Cardiogenics Annual Meeting - Lubeck, Germany
03.2011 - University of Naples - Naples, Italy
04.2011 - Burlo Garofolo Children Hospital - Trieste, Italy
05.2011 - A Global View of Human Disease Genomics - Helsinki, Finland
06.2011 - School of Hygiene and Tropical Medicine - London, UK
07.2011 - San Raffaele Medical institute - Milano, Italy
08.2011 - Leena Peltonen School of Human Genomics – Hinxton, UK
09.2011 - Sardinia Genetics Summer School - Pula, Italy
09.2011 - Cambridge Statistics Initiative - Cambridge, UK
10.2011 - ASHG - Montreal, Canada
10.2011 - Statistics Workshop - Paris, France

11.2011 - Rotterdam SNP Course - Rotterdam, the Netherlands

02.2012 - University of Leicester - Leicester, UK

03.2012 - Convegno “Studiando il Sangue verso la Medicina” - Verona, Italy

03.2012 - V International meeting on complex traits and genetic isolates - Trieste, Italy

04.2012 - IPCAT - Cambridge

04.2012 - University of Washington - Seattle, USA

05.2012 - University of Reading - Reading, UK

05.2012 - EMBL-EBI Industry Programme & MetaboLights Project Workshop - Hinxton, UK

05.2012 - University College London - London

08.2012 - Leena Peltonen School of Human Genomics - Cambridge, UK

09.2012 - Genomics of Common Diseases 2012 - Potomac, MD, USA

09.2012 - Sardinia Genetics Summer School 2012 - Pula, Italy

09.2012 - WT Advanced Course: Design and Analysis of Genetic Association Studies - Hinxton, UK

11.2012 - University of Reading, Reading, UK

11.2012 - Rotterdam SNP Course - Rotterdam, the Netherlands

01.2013 - Keystone Symposium on New Frontiers in Cardiovascular Genetics - Tahoe City, USA

04.2013 - Genomic Disorders 2013 – Hinxton, UK

04.2013 - CIMR, University of Cambridge - Cambridge, UK

05.2013 - Department of Genetics, Stanford University - Stanford, USA

05.2013 - Biology of Genomes - Cold Spring Harbor, USA

07.2013 - Computational Biology CB2 conference - Basel, Switzerland

07.2013 - Q-bit - Tübingen, Germany

08.2013 - Sardinia Summer School - Pula, Italy

09.2013 - WT Advanced course: Design and Analysis of Genetic Association Studies – Hinxton, UK

10.2013 - Oxford Autumn Genomics Forum – Oxford, UK

11.2013 - IHEC/BLUEPRINT meeting – Berlin, Germany

11.2013 - MRC Integrative Epidemiology Unit Launch – Bristol, UK

12.2013 - EpiGeneSys Annual Investigator Meeting – Babraham, UK

02.2014 - GECCO investigator meeting - Seattle, USA

03.2014 - Wellcome Trust Investigator Retreat - Ashford, UK

03.2014 - BLUEPRINT meeting - Amsterdam, the Netherlands

06.2014 - European Society of Human Genetics - Milano, Italy

06.2014 - Genetic Epidemiology of Malaria - Hinxton, UK

06.2014 - 1000 Genomes Project and Beyond - Cambridge, UK

06.2014 - EMBO Training Course in Genomics - Hinxton, UK

07.2014 - University of Minneapolis - Minneapolis, USA

08.2014 - Leena Peltonen School of Human Genomics - Cambridge, UK

10.2014 - BLUEPRINT/IHEC meeting – Rome, Italy

10.2014 - IHEC meeting - Vancouver, Canada

10.2014 - American Society of Human Genetics - San Diego, USA

11.2014 - From Functional Genomics to Systems Biology - Heidelberg, Germany

11.2014 - Genetics Department, University of Cambridge - Cambridge, UK

11.2014 - McGill University - Toronto, Canada

01.2015 - International Symposium on Genome Science 2015 - Tokyo, Japan

02.2015 - WT researchers meeting - Farnham, UK

03.2015 - International Hugo Meeting - Kuala Lumpur, Malaysia

05.2015 - Biology of Genomes - Cold Spring Harbor, USA

05.2015 - New York Genome Centre - New York, USA
06.2015 - Sardinia Summer School - Pula, Italy
07.2015 - ISAFG2015 - Piacenza, Italy
09.2016 - Genomics of Common Diseases, Hinxton, UK
10.2015 - Sanger Institute Graduate PhD Programme, Hinxton, UK
12.2015 - Target Validation using Genomics and Informatics, Hinxton, UK

03.2016 - Jesus College, Cambridge, March 2016 (Career Talk)
03.2016 - Sanger/EBI Seminar Series, Hinxton, March 2016 (Invited Lecture)
03.2016 - Sanger post-doctoral fellows retreat, Cambridge, March 2016 (Career Talk)
04.2016 - International Congress of Human Genetics (ICHG 2016), Kyoto, Japan (Invited Session)
06.2016 - Keystone Symposia on Understanding the Function of Human Genome, Uppsala, Sweden (Plenary)
07.2016 - WT Advanced Course on “Human Genome Analysis: Genetic Analysis of Multi-factorial Diseases” Hinxton, UK (Guest Speaker)
08.2016 - Leena Peltonen School of Human Genomics, Hinxton (PhD talk and tutor)
09.2016 - IHEC/BLUEPRINT International Meeting, Brussels (Keynote)
09.2016 - BHF Centre of Excellence Early Career Event, Cambridge (Career)
10.2016 - International Genetic Epidemiology Society Meeting, Toronto, Canada (Keynote)
11.2016 - Epigenomics of Common Disorders, Hinxton (Invited)
11.2016 - Italian Society of Human Genetics Annual Meeting, Turin, Italy (Keynote)
11.2016 - University of Oxford (Invited Talk)
12.2016 - TopMed Scientific Advisory Board (Keynote)
12.2016 - American Society of Haematology Annual Meeting, San Diego, USA (Keynote)

01.2017 - Cambridge Metabolomics Forum, Cambridge, UK (Keynote)
04.2017 - NGS’17, Barcelona, Spain (Keynote)
06.2017 - Sardinia Summer School, Pula, Italy (Tutor)
06.2017 - Leena Peltonen School of Human Genomics, Hinxton, UK (PhD talk and tutor)
12.2017 - TOPMed Steering Committee and External Advisory Panel, Tysons, USA (Invited Talk)
12.2017 - Target Validation Using Genomics and Informatics, Hinxton, UK (Keynote)

01.2018 - Keystone Symposia on Translational Systems Immunology, UTAH, USA (Invited Talk)
01.2018 - Hematology Department, University of Cambridge (Invited Talk)
05.2018 - University of Chicago (Invited Talk)
06.2018 - UK Biobank Annual Meeting (Invited Talk)
10.2018 - SIGU - Italian Human Genetics Society, Catania, Italy (Invited Talk)
12.2018 - Functional Genomics 2018: From Big Data to Clinic, Doha, Qatar (Invited Talk)
12.2018 - Common Disease Consortium Meeting, Oxford, UK (Invited Talk)

04.2109 - International Stroke Genetics Consortium Annual Meeting, Cambridge, UK (Keynote)
05.2019 - Hay Literary Festival, Hay, UK (Invited Talk)
09.2019 - Common Disease Consortium Meeting, Washington DC, USA (Invited Talk)
10.2019 - EMBO Fellows Meeting, Heidelberg, Germany (Invited Talk)
11.2019 - My Life in Science - Babraham Institute, Babraham, UK (Career Talk)
11.2019 - StepWide programme for female postdoctoral researchers, Cambridge, UK (Career Talk & Panel)

01.2020 - Centre for Genomic Regulation, Barcelona, Spain (Invited Talk)
02.2020 - Evolutionary Systems Biology, Hinxton, UK (Invited Speaker)
03.2020 - Symposium Lille Integrated Genomics Advanced Network, Lille, France (Keynote, post-poned)

04.2020 - Radcliffe Department of Medicine Annual Symposium (Keynote, postponed to 2021)
04.2020 - EMBO Population Genetics Course (Keynote, postponed to 2021)
10.2020 - ENCODE 2020 Meeting (virtual)
10.2020 - University of Bonn Graduate School of Clinical and Population Science Programme (virtual)
11.2020 - "From personalized human genomes to immune system variation", Weizmann Institute, Israel
(postponed)

04.2021 - Gordon Research Conference on the Cell Biology of Megakaryocytes and Platelets, Lucca, Italy
04.2021 - Cell Symposia "20 Years of the Human Genome: From Sequence to Substance" San Diego,
USA (Academic Organiser & Speaker)

07.2021 - The Italian Genetics Association (AGI) and The Italian Society of Agricultural Genetics (SIGA)
Seminar Series 2021 (virtual)

Public Engagement

Delivered a lecture on "Human Disease: Nature, Nurture or Both?" at the 2019 [Hay Literary Festival](#)

Delivered a talk on Human Technopole at the 2021 [Giornata della Ricerca Italiana nel mondo](#)

Participated in the talk on "Io e il mio DNA" at the 2021 [HT presents – Dialogues on science and society
Nov 2021 Festival Della Scienza](#)

Publications

H-index = 123, 82,783 citations

For manuscripts with greater than 10 authors, the first and last author are indicated, with the number of other authors and the relative position of Soranzo, N indicated in square brackets. In blue are manuscripts with first-or last (including joint) author contribution, which also contain the following notation:

- * Joint first author
- ** Joint last author
- § Corresponding author

Peer reviewed

1. Provan, J., **Soranzo, N.**, Wilson, N.J., McNicol, J.W., Forrest, G.I., Cottrell, J., and Powell, W. (1998). Gene-pool variation in Caledonian and European Scots pine (*Pinus sylvestris* L.) revealed by chloroplast simple-sequence repeats. *Proc Biol Sci* 265, 1697-1705.
2. **Soranzo, N.**, Provan, J., and Powell, W. (1998). Characterization of microsatellite loci in *Pinus sylvestris* L. *Mol Ecol* 7, 1260-1261.
3. Muluvi, G.M., Sprent, J.I., **Soranzo, N.**, Provan, J., Odee, D., Folkard, G., McNicol, J.W., and Powell, W. (1999). Amplified fragment length polymorphism (AFLP) analysis of genetic variation in *Moringa oleifera* Lam. *Mol Ecol* 8, 463-470.
4. **Soranzo, N.**, Provan, J., and Powell, W. (1999). An example of microsatellite length variation in the mitochondrial genome of conifers. *Genome* 42, 158-161.
5. Provan, J., **Soranzo, N.**, Wilson, N.J., Goldstein, D.B., and Powell, W. (1999). A low mutation rate for chloroplast microsatellites. **Genetics** 153, 943-947.
6. Soranzo, N., Alia, R., Provan, J., and Powell, W. (2000). Patterns of variation at a mitochondrial sequence-tagged-site locus provides new insights into the postglacial history of European *Pinus sylvestris* populations. *Mol Ecol* 9, 1205-1211.

7. Rockman, M.V., Hahn, M.W., **Soranzo, N.**, Goldstein, D.B., and Wray, G.A. (2003). Positive selection on a human-specific transcription factor binding site regulating IL4 expression. *Curr Biol* 13, 2118-2123.
8. **Soranzo, N.**, Sari Gorla, M., Mizzi, L., De Toma, G., and Frova, C. (2004). Organisation and structural evolution of the rice glutathione S-transferase gene family. *Mol Genet Genomics* 271, 511-521.
9. Hahn, M.W., Rockman, M.V., **Soranzo, N.**, Goldstein, D.B., and Wray, G.A. (2004). Population genetic and phylogenetic evidence for positive selection on regulatory mutations at the factor VII locus in humans. *Genetics* 167, 867-877.
10. Rockman, M.V., Hahn, M.W., **Soranzo, N.**, Loisel, D.A., Goldstein, D.B., and Wray, G.A. (2004). Positive selection on MMP3 regulation has shaped heart disease risk. *Curr Biol* 14, 1531-1539.
11. **Soranzo, N.**, Cavalleri, G.L., Weale, M.E., Wood, N.W., Depondt, C., Marguerie, R., Sisodiya, S.M., and Goldstein, D.B. (2004). Identifying candidate causal variants responsible for altered activity of the ABCB1 multidrug resistance gene. *Genome Res* 14, 1333-1344.
12. Ahmadi, K.R., [14 authors, **Soranzo, N.**: 4], and Goldstein, D.B. (2005). A single-nucleotide polymorphism tagging set for human drug metabolism and transport. *Nat Genet* 37, 84-89.
13. Colombo, S.*, **Soranzo, N.***[10 authors], and Swiss H.I.V. Cohort Study (2005). Influence of ABCB1, ABCC1, ABCC2, and ABCG2 haplotypes on the cellular exposure of nelfinavir in vivo. *Pharmacogenet Genomics* 15, 599-608.
14. Rockman, M.V., Hahn, M.W., **Soranzo, N.**, Zimprich, F., Goldstein, D.B., and Wray, G.A. (2005). Ancient and recent positive selection transformed opioid cis-regulation in humans. *PLoS Biol* 3, e387.
15. **Soranzo, N.**, Bufe, B., Sabeti, P.C., Wilson, J.F., Weale, M.E., Marguerie, R., Meyerhof, W., and Goldstein, D.B. (2005). Positive selection on a high-sensitivity allele of the human bitter-taste receptor TAS2R16. *Curr Biol* 15, 1257-1265.
16. Tate, S.K., [12 authors, **Soranzo, N.**: 6], and Goldstein, D.B. (2005). Genetic predictors of the maximum doses patients receive during clinical use of the anti-epileptic drugs carbamazepine and phenytoin. *Proc Natl Acad Sci U S A* 102, 5507-5512.
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