

Piero Carninci, Ph.D.

As of Sep /6th/2022

Education

1989 Ph.D, Biological Sciences at University of Trieste

1990 National (Italian) Examination for the profession of Biologist, University of Ferrara, Italy

Career Positions

February 2022-	[Main Position] Leader of the Laboratory for Transcriptome Technology, and Leader of the Laboratory for Single Cell Technologies, RIKEN Center for Integrative Medical Sciences,
July 2020-	[Main Position] Head of Research Center of Genomics Research Centre, Fondazione Human Technopole
July 2019 – June 2020	Scientific Advisor, Consultant, Fondazione Human Technopole
October - November 2018	Leader of the Laboratory for RIKEN-IFOM Joint Laboratory for Cancer Genomics, RIKEN
April 2018-January 2022	Deputy Director of the Center for Integrative Medical Sciences, Leader of the Laboratory for Transcriptome Technology, and Leader of the Laboratory for Single Cell Technologies, RIKEN
July 2017-July 2020	Visiting Professor at Faculdade de Medicina Universidade de Sao Paulo, Brazil
August 2016- March 2023	MICE Ambassador
January 2016-present	Foreign Adjunct Professor in Genome Analysis at Karolinska Institutet, Department of Bioscience and Nutrition
April 2015-Mar 2017	Adjunct Professor at Gunma University Graduate School of Medicine.
Apr. 2014 - Apr. 2015	Leader of Sequencer Technology Team, RIKEN
Dec 2014-Mar 2018	Leader of Genome Information Analysis Team, RIKEN
April 2013-Mar 2020	Visiting Professor, Graduate School of Medical Life Science, Yokohama City University
April 2013-Mar 2018	Deputy Director of the Center for Life Science Technologies Director of the Division of Genomics Technologies Director of the Life Science Accelerator Technologies Development Group Leader of the Transcriptome Research Team, RIKEN
April 2013-present	Chief Scientist (tenure)
April 2012-March 2013	Senior Research Scientist at RIKEN(tenure)
Dec 2011- May 2020	Co-founder and CEO, TransSINE Technologies Ltd., a RIKEN Venture
Sept 2011-present	Cooperative Researcher, Tokyo Metropolitan Institute of Gerontology

April 2008-March 2013	Leader of the Functional Genomics Technology Team Leader of the Omics Resource Development Unit Deputy Project Director of the LSA Technology Development Group RIKEN, Yokohama Institute, Japan
April 2006- Sep. 2014	Adjunct Professor, Gunma University
April 2003- March 2008	Senior Scientist at RIKEN, Wako, Genome Science Laboratory (tenure); adjunct appointment as Senior Scientist at RIKEN Genomic Sciences Center, RIKEN Yokohama Institute, Japan
Oct 2001 - Mar 2003	Scientist, Genome Science Laboratory (tenure), RIKEN, Wako, Japan
April 1997- Sept 2001	Scientist, RIKEN-Tsukuba Life Science Center, GS-laboratory (tenure), Japan
Oct 1995-March 1997	STA Fellow at RIKEN, Genome Science Laboratory, Wako, Japan
April 1995 - Sept 1995	Genome Science Laboratory research position at RIKEN, Tsukuba, Japan.
Oct 1990- Mar 1995	Researcher at TALENT srl (http://www.spin.it/talent/).
Sept 1991- Dec 1993	Researcher with Prof. C. Schneider, director of the National Laboratory of Italian Consortium for Biotechnology, Trieste, Italy
Oct 1989 - Sept 1990	Health assistant in military hospital, part-time consultant in TALENT srl, Trieste, Italy Compulsory Italian army duty as in a military hospital. At the same time, was a part-time consultant in a biotechnology company, TALENT srl, Trieste, Italy, and prepared the National examination.
April 1989-Sept 1989	Research Associate in laboratory of Prof. C. Schneider, ICGEB, Trieste, Italy, where he developed a discontinuous buffer system to increase speed and resolution in sequencing electrophoresis and methods for the rapid purification of Genomic DNA from whole blood and yeast.

Awards

- 2001 First prize of the Biotec Award in Milan, Italy for constructing full-length cDNA encyclopedia, dedicated to Italian Scientists under 40 in biological research
- 2007 Yamazaki-Teiichi Award (<http://www.mst.or.jp/prize/2007/jushou.html>) for the developing cap-trapper technology and its use for annotating genome output
- 2009 OSC Award 2009 “Development of the Cap Analysis of Gene Expression (CAGE) Method”
- 2011 OSC Award 2010 “Successful Completion of FANTOM4 project”
- 2012 NISTEP Researchers Award 2012 (<http://www.nistep.go.jp/archives/7212>)

2014 HUGO Chen Award of Excellence 2014

2016 2016 Scopus Eureka Prize for Excellence in International Scientific Collaboration (FANTOM5)

2016 Shimadzu Prize 2016

2018 The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Prizes for Science and Technology, Research Category

Memberships and Chairs

- Member of the International Committee on Standardized Genetic Nomenclature for Mice (2003-2014)
- Associate Editor of the journal "Genomics" (September 2006-2014)
- Scientific Advisory Board of DNAform (January 2009-June 2013)
- Editorial Board of Nature Communications (2010-2016)
- Editorial Board of BioEssays (2010-2019)
- Member of IMGC Secretariat (2010-2013)
- Member of RIKEN Science Council (2011-)
- Advisory Panel (AP) Member of NPG's Scientific Data (2013-2018)
- HUGO Council Member (Jan 2015 - Dec 2017)
- HUGO Membership and HUGO Journal Editorial Board (June 2013-)
- Member of the Board of Directors of Japan Society for Omics Medicine (October 2013-2018)
- Program Committee of The 11th International Workshop on Advanced Genomics (11AGW February 2014- May 2015)
- Editorial Board of Cell Systems (2015-2019)
- Scientific Advisory Board of International Genome Sample Resource IGSR (2015-2019)
- Chair of Organizing committee of the International mouse genome conference (IMGC) in 2015 in Yokohama, Japan
- Organizing committee of The 12th International Workshop on Advanced Genomics (12AGW, April 2016- May 2017)
- The RNA Society of Japan (2016-)
- Genome technology 164 meeting (2016-)
- HCA (Human Cell Atlas) Organizing Committee (Oct. 2016-)
- HCA (Human Cell Atlas) Executive Office (Oct. 2017-)
- Meeting planning committee of the HCA General Meeting - Rehovot, Israel 18-19 October 2017
- Human Genome Meeting (HGM2018, HUGO) International Program committee (2017-2018)
- EMBO Associate Member (2017-)
- Organizing "Human Cell Atlas (Human Cell Atlas) Asia". Okinawa Japan (Nov 30-Dec 1 2017)
- EASI-Genomics Scientific Advisory Board (SAB), Tentative 2018-
- Steering committee member for Genome technology 164 committee (2018-)

- Organizing committee of The 12th International Workshop on Advanced Genomics (13AGW, April 2018- May 2019)
- Human Genome Meeting (HGM2019 HUGO) International Program Committee (IPC) (2018-2019)
- Review Editor of the Editorial Board of Human Genomics, a specialty of Frontiers in Genetics (2018-)
- International Science & Technology Advisory board of Life Time Consortium (2018-)
- Meeting Planning committee and Program committee of the HCA General Meeting - Hinxton, UK, 08-09 March 2018
- HCA (Human Cell Atlas) Standards and Technology Working Group (STWG), (May 2018-)
- HCA (Human Cell Atlas) Joint Coordinating committee (JCC), (July 2018-)
- HCA (Human Cell Atlas) Publication committee, (Aug 2018-)
- Meeting Program committee of the HCA General Meeting – Broad, US, 1-2 November 2018
- Meeting Planning committee and Program committee of the HCA General Meeting – Tokyo Japan 23-24 May 2019
- Organizing “EMBO Workshop, Single cell biology”, Tokyo Japan (May 20-22 2019)
- Organizing “HCA (Human Cell Atlas) General meeting, Tokyo Japan (May 23-24 2019)
- Meeting Planning committee and Program committee of the HCA General Meeting – Barcelona 10-11 October 2019
- Human Genome meeting (HGM2020, HUGO) International program committee (IPC) (2019-2020)
- Director of Human Cell Atlas, Inc (May 2020-)

Major Publications

Publications out of a total of over 400 papers, which have been cited over 104,200 citations, H-index=119