2007-2010

2006

2005

2004

Curriculum Vitae of Dario Riccardo Valenzano

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Addresses and conta	<u>ct:</u>
Leibniz Institute on A Beutenbergstrasse 1 07745 Jena, German	Tel: +49 (3641) 65-6280
<u>Academic status</u> From July 2021	Full Professor at the Friedrich Schiller University of Jena (Germany) and Senior Group Leader at the Leibniz Institute on Aging (Fritz-Lippman Institute)
Scientific appointmer From January 2024 From April 2023 From July 2021 2016-2021 2013-2021	Director, Leibniz Institute on Aging, Fritz Lipmann Institute Principal Investigator at the Cluster of Excellence "Balance of the Microverse" at the Friedrich Schiller University in Jena, Germany Senior Group Leader at the Leibniz Institute on Aging (Fritz-Lippman Institute) CECAD Principal Investigator, CECAD, University of Cologne Max Planck Research Group Leader (equivalent to Associate Professor), Max Planck Institute for Biology of Ageing
Education April 2006 December 2002 October 2001	Ph.D. in Neuroscience, Scuola Normale Superiore, Pisa, Italy Diploma in Biology at Scuola Normale Superiore, Pisa, Italy BSc and MSc in Biology at the University of Pisa, Pisa, Italy
Research Experience From Jan 2024 From April 2023 From July 2021 2016-2021 2011-2013 2006-2011 2003-2006 2000-2002	 Director, Leibniz Institute on Aging, Fritz-Lipmann Institute Principal Investigator at the Cluster of Excellence "Balance of the Microverse" at the Friedrich Schiller University in Jena, Germany Senior Group Leader at the Leibniz Institute on Aging (Fritz-Lippman Institute) CECAD Principal Investigator, CECAD, University of Cologne Max Planck Research Group Leader Max Planck Institute for Biology of Ageing Research Associate Stanford University, Department of Genetics (Brunet lab) Postdoctoral Fellow Stanford University, Department of Genetics (Brunet lab) Graduate Student in Neurobiology at Scuola Normale Superiore, Pisa, Italy (Cellerino lab) Undergraduate Thesis Research ISTC of the CNR, Rome, Italy
Awards and Honors 2019 2018-2021 2010-2011	Nathan Shock New Investigator Award EMBO YIP Young Investigator Award Ellison/AFAR postdoctoral fellowship

Stanford Center on Longevity postdoctoral fellowship

Young Researcher Scuola Normale Superiore Award

Young Researcher Scuola Normale Superiore Award

First prize at the Stanford Genetics Retreat poster session

Dario Riccardo Valenzano, PhD			
2003 2002	Young Researcher Scuola Normale Superiore Award University of Pisa Gold Medal for outstanding curricular achievements		
1999	Scuola Normale Superiore undergraduate scholarship		
	t third-party grants		
2018-2025*:	DFG (SFB) CRC 1310 "Predictability in Evolution": Funded four-year grant on "Co-evolution of gut microbiota and immune cells during ageing in killifish", €1.073M		
2023-2027:	Carl-Zeiss Foundation "microbAlome, AI-based microbiome analysis in aging", €1.25M		
Presentations			
2002	Associazione Italiana di Primatologia, Rome, IT		
2004	Evolution and Human Behavior meeting, Berlin, GE		
2004	Italian Organization of Science Teachers (ANISN), Viareggio, IT		
2005	International Symposium on Neuroplasticity, Pisa, IT		
2008	Aging Symposium: Linking Evolution to Mechanisms, Fribourg, CH		
2009	Stanford Current Issues in Genetics, Stanford, CA, US		
2009	Lunch Bunch UC Riverside Seminar Series, Riverside, CA, US		
2009	Stanford Center on Longevity, Stanford, CA, US		
2010	Stanford Current Issues in Genetics, Stanford, CA, US		
2010	Bay Area Aging Meeting Club, San Francisco, CA, US		
2010	Longevity Consortium, Washington D.C., US		
2010	Molecular Genetics of Aging, Cold Spring Harbor, NY, US		
2010	Bay Area Population Genetics Meeting, Stanford, CA, US		
2011	Buck Institute for Aging Research, Novato, CA, US		
2011	Scuola Normale Superiore, Pisa, IT		
2011	University of Pisa, Dept. Biologia Cellulare, Pisa, IT		
2011	Max-Planck Institute for the Biology of Ageing, Cologne, DE		
2012	Harvard University, Department of MCB, Cambridge, MA, US		
2012	UC Berkeley, Department of MCB, Berkeley, CA, USA		
2012	Max-Planck Institute for the Biology of Ageing, Cologne, DE		
2012	American Kllifish Association, WKW, Portland, OR, US		
2012	University of Alabama at Birmingham, NORC, Birmingham, AL, US		
2012	ENDO 2012, Houston, Tx, US		
2012	DGIST, Hyeonpung-Myeon, Daegu, SK		
2013	Max-Planck Institute for the Biology of Ageing, Cologne, DE		
2014	1 st Nothobranchius Symposium, Pisa, Italy		
2014	Poppelsdorfer Schlossgespräche: University of Bonn, DE		
2014	SFB670 – Cell-autonomous Immunity CECAD, Cologne, DE		
2014	IRB, Barcelona, ES		
2015	ERIBA, Groningen, NL		
2015	MPI Molecular Biomedicine, Münster, DE		
2015	SFB680, Institute for Theoretical Physics, Cologne, DE		
2015	King's College, MCR Centre for Dev Neurobiol, London, UK		
2015	Babraham Institute, University of Cambridge, Cambridge, UK		
2015	Max Planck Institute for Plant Breeding, Cologne, DE		
2015	Francis Crick Institute, London, UK		
2015	Department of Zoology, University of Cambridge, Cambridge, UK		
2015	German Association for Aging Research (DGfA), Jena, DE		
2016	DZNE, Munich, DE		
2016	2 nd Cologne Ageing Conference, Cologne, DE		
2016	2 nd Nothobranchius Symposium, Jena, DE		
2016	Max Planck Institute for Developmental Biology, Tuebingen, DE		
2016	CSHL, Mechanisms of Aging, Cold Spring Harbor, USA		
2016	University of Bern, Bern, CH		

2016 Eawag Institute, Zürich, CH 2016 Cellular Mechanisms of Neurodegeneration, Eibsee, DE 2016 CECAD Faculty Retreat, Cologne, DE 2016 Forum Scientiarum, University of Tuebingen, Tuebingen, DE 2016 1st International Symposium Research on Healthy Ageing, Lille, FR 2017 GIF Young Scientists' Meeting, Ma'ale Ha-Hamisha, IL 2017 LCSB, Luxembourg Center for Systems Biomedicine, Luxembourg, LU 2017 Scuola Normale Superiore di Pisa, Pisa, IT 2017 ICM Institute for Brain and Spinal Cord, Paris, FR 2017 American Aging Association, NY, US GRC, "Aging, Biology of", Les Diablerets, CH 2017 2017 GRC, "Ecological and Evolutionary Genomics", Biddeford, US 2017 Jackson Laboratory, Farmington, US 2017 14th Transgenic Technology Meeting, Salt Lake City, US 2017 Leibniz Institute on Aging, Jena, DE 2017 IFOM, Milan, IT 2017 Symposium on Innovative Models in Infection and Immunity, Lille, FR 2017 EMBO, Heidelberg, DE 2017 BMS Symposium, MPG, Berlin, DE 2017 Oxford University, Zoology Department, Oxford, UK 2017 AGEART, MPI-AGE, Cologne 2017 Exploratory Round Table Conference (MPG, CAS), Shanghai, CN 2018 Healthy Ageing: from molecules to organisms, Hinxton, UK 2018 KU Leuven, Leuven, BE 2018 Keystone Symposium Aging, Inflammation and Immunity, Austin, US 2018 MyAgeGroup Symposium, Austin, US Microbiome in Host Physiology and Aging Workshop, Singapore, SG 2018 2018 Humans and the Microbiome (CIFAR), NTU, Singapore, SG 2018 Journée de la Recherche Translationelle, Pasteur Institute, Paris, FR 2018 Interventions to extend healthspan and lifespan, Kazan, RU 2018 Annual EMBO YIP meeting, Vienna, AT University of Pisa, Cellular and Developmental Biology, Pisa, IT 2018 2018 Seminar über Versuchstiere und Tierversuche, BfR, Berlin, DE 2018 Old Herborn University Seminars, "Aging and the Microbiome", DE University of Kiel, CRC/SFB 1182, Kiel, DE 2018 2018 Max Planck Institute for Ornithology, Seewiesen, DE 2018 Microbiological Colloquium (SFB 766), Tübingen, DE 2018 UK Genome Science, Nottingham, UK Models and insights in translational research, Goethe U, Frankfurt, DE 2018 2018 Cell Symposium Aging and Metabolism, Sitges, ES 2018 Mechanisms of Aging, CSHL, Cold Spring Harbor, NY, US 2018 Frontiers in Aging, Moscow State University, Moscow, RU 2018 Bioscience Symposium Complexity of Aging, Copenhagen, DK 2018 MRC London Institute of Medical Sciences, London, UK 2018 Aquatic Models to study regeneration and aging, IRCAN, Nice, FR 2018 IPMM/IPHS graduate program on Molecular Medicine, Cologne, DE EMBO YIP Sectorial Meeting in Microbiology, Heidelberg, DE 2018 2018 DGfA meeting, Jena, DE 2018 CECAD annual retreat, Cologne, DE 2019 1st Crick-Beddington DevBio Symposium, Crick Institute, London, UK 2019 Genetic, Evolution and Environment Lecture, UCL, London, UK 2019 CDDF Workshop on Cancer Growth and Therapy, Munich, DE 2019 Helsinki Institute of Life Science, Helsinki, FI 2019 John Stuart Mill College, Vrij Universiteit, Amsterdam, NL 2019 NUS, Singapore, SG 2019 EMBO YIP, Singapore, SG 2019 Genome Editing for Comparative Genomics, JEB, Massa Marittima, IT

2019 GSK, Siena, IT 2019 Max Planck Institute for Chemical Ecology, Jena, DE 2019 Hallmarks of Biological Failure, Santa Fe Institute, Santa Fe, US 2019 Model organisms for the study of aging and disease, Lausanne, CH 2019 EMBL, Unit of Developmental Biology, Heidelberg, DE 2019 Quadram Institute, Norwich, UK 2019 FLI Colloquium, Jena, Leibniz Institute on Aging, DE Keynote seminar at the 5th Annual ISEMPH meeting, Zurich, CH 2019 2019 EMBO YIP Evolution Sectorial Meeting, Basel, CH 2019 PhD Day, IRCAN, Nice, FR 1st European Geroscience Conference, Madrid, ES 2019 2019 Beyond the Standard: Non-model Vertebrates in Molecular Biomedicine, EMBO Workshop, MDC, Berlin, DE 2019 Associatión Latinoamericana de Genética, ALAG, Mendoza, AR 120th Intl Titisee Conference "Evolution of Immune Defense Mechanisms" Titisee, 2019 DE 2019 Department of Genetics, University of Bari, IT 2019 Max Planck for Chemical Ecology, Jena, DE 2019 Gutenberg Workshop: The Biology of Ageing, Mainz, DE 2019 CRC 1310 midterm symposium, Cologne, DE Microbiota and Aging Symposium, CECAD, University of Cologne, DE 2019 2019 Gerontological Society of America, Austin, US ICMM annual meeting, University of Copenhagen, Helsingør, DK 2019 2019 BIG Talk, Faculty of Biology and Medicine, University of Lausanne, Lausanne CH 2020 Microbiota and Aging Symposium, Leibniz Institute, Jena, DE 2020 Hohenheim University, Stuttgart, DE 2020 Department of Genetics, University of Cologne, Cologne, DE 2020 Seminar at PRBB, Barcelona, ES 2020 Museum Mensch und Natur, Munich, DE 2020 Keynote seminar, Signalife, Nice, FR Intra- and Inter-cellular mechanisms of Aging, Keystone meeting, Vancouver, CA 2020 2020 ZMBH, University of Heidelberg, Heidelberg, DE 2020 Brown University Colloquium on the Biology of Human Aging, video conference AgingScienceTalks, video seminar 2020 Institute Gulbenkian de Ciência, video seminar 2020 7th Aging Research & Drug Discovery Meeting (ARDD), video seminar 2020 2020 Michigan State University Ecology, Evolution and Behavior, video seminar University of Muenster, Muenster, DE 2020 2020 TU Dresden, CMCB program (video) Keynote talk, SynAge annual retreat, University of Magdeburg, DE (video) 2020 2020 Erasmus Medical Center, Rotterdam (video) BTI-PGS Virtual distinguished lecture, Cornell University (video) 2020 2020 2020 Molecular Biology Society of Japan (video) 2020 eLife Symposium: Aging, Geroscience and Longevity (video) 2021 MolMet webinar, Karolinska Institute (video) 2021 Aarhus University, Kjeldgaard Lectures (video) Life Science Switzerland (LS2), keynote (video) 2021 2021 USC L. Davis School of Gerontology, L.A., US (video) 2021 University of Leicester, UK (video) 2021 Max Planck Lecture, MPFI, US (video) 2021 Keynote Speaker, 3rd International Symposium of the RTG1743, DE (video) 2021 Basic Biology of Aging Spring Speaker Series, UW in Seattle, US (video) 2021 Seeon Conference – Microbiota, Probiotics and Host, Keynote speaker, DE (video) 2021 Max Planck Institute for Developmental Biology, Tuebingen, DE 2021 8th Aging Research & Drug Discovery Meeting (ARDD), Copenhagen, DK 2021 International African Turquoise Killifish Conference, MDI BL, Bar Harbor, US 2021 EMBO YIN evolution sectoral meeting (online)

2021 International Congress of Zoology (online) 2021 EMBO YIN microbiology sectoral meeting, Bordeaux, FR 2022 IPMM Web-Lecture Molecular Medicine (online) 2022 "Balance of the Microverse" Cluster of Excellence (online), Jena, DE 2022 Interdisziplinäres Zentrum für Klinische Forschung (online), Jena, DE 2022 2nd Euro-Geroscience Conference, Toulouse, FR 2022 UMC and Hubrecht Institute, Utrecht, NL 2022 European Institute of Technology, Health Aging advanced course (online) 2022 Molecular, Cellular and Organismal drivers of aging, CNIO, Madrid, ES 2022 Developmental Circuits in Aging – EMBO workshop, Crete, GR 2022 2022 IMB Conference Epigenetics of Ageing – Mainz, DE 2022 ProMoAge: Protein Modification: a Key Mechanism for Ageing, Oberhof, DE 2022 NIA Genetic Variation and Aging, UW, Seattle, US 2022 INTECOL22, Geneva, CH 2022 Annual Retreat, Hannover Medical School, Goslar, DE 2022 Royal Belgian Zoological Society, Kortrijk, BE 2022 Nathan Shock Center, University of Alabama, Birmingham, US 2022 Living Systems III Symposium, Max Planck Institute for Biology, Tübingen, DE 2023 Keynote lecture at Behavioral Ecology Meeting (BEM), Chioggia, IT 2023 IIMBC, Warsaw, PL 2023 CRC1310, annual meeting, Cologne, DE (online) 2023 Jena Microbiome Meeting, Jena, DE 2023 Biology of Aging Symposium IV, 2023, Montreal, CA 2023 Jacques Monod Conference on regeneration and aging, Roscoff, FR 2023 American Aging Association, Oklahoma City, US 2023 2023 Biology of Aging Summer School, MBL, Woods Hole, US 2023 10th Aging Research & Drug Discovery Meeting (ARDD), Copenhagen, DK 2023 Horizons in metaorganism research (CRC1182), Kiel, DE 2023 Friedrich-Loeffler Institute, Institute of Molecular Pathogenesis, Jena, DE 2023 Museum Koenig Bonn, MeeGene, Bonn, DE 2023 Chinese Academy of Sciences, SINH, Shanghai, CH 2023 TimePie Longevity Forum, Shanghai, CH M3 Research Center, Tübingen Medical Faculty, Tübingen, DE 2023 Baylor College of Medicine (MCB), Houston, Texas, US 2024 2024 DFG CRC1310 Retreat, Setubal, PT EMBO Workshop Developmental Circuits in Aging, Nice, FR 2024 2024 Horizons in Aging Research at the FLI, Jena, DE 2024 Curing Aging Conference, Chicago, US

Professional memberships and activities

German Association for Aging Research (DGfA)

Faculty of 1000 (F1000)

Board member, graduate school of Biology, University of Pisa, Pisa, Italy Leibniz Graduate School on Aging, committee member, Jena, Germany

Organization of meetings and symposia

- 2012 discussion leader, Gordon Research Seminar, Biology of Aging
- 2015 moderator, German Association for Aging Research
- 2016 organizer, Second Nothobranchius Symposium
- 2018 organizer, 2018 Nothobranchius Symposium
- 2019 discussion leader, GlaxoSmithKlein "Palio Meeting" on the future of vaccines
- 2019 vice-chair, Gordon Research Conference, Biology of Aging
- 2021 chair, 2nd eLife symposium on Aging, Geroscience and Longevity
- 2021 2021 Nothobranchius Symposium
- 2021 EMBO/YIN Evolution Sectoral Meeting
- 2022 Annual Meeting of the German Society for Aging Research
- 2022 chair, Conservation Genomics at the Population Level, Wellcome Genome Campus

Dario Riccardo Valenzano, PhD

2023	chair, Gordon Research Conference, Biology of Aging
2024	chair, 2024 Aging and Microbiome Meeting, Jena, Germany
2025	chair, Keystone Aging, TBD

Serving on editorial board eLife

Reviewing activities

Scientific journals: Aging Cell; Aging and Mechanisims of Disease; BBA – Molecular Basis of Disease; BMC Genomics; BMC Microbiology; Cell Reports; Current Biology; Developmental Dynamics; Development Genes and Evolution; eLife; Frontiers in Microbiology; Experimental Gerontology; Fishes; G3: Genes, Genome, Genome Biology; Genome Biology and Evolution; Genome Research; Genetics; GeroScience; Gut Microbes; Hormone and Metabolic Research; Invertebrate Reproduction and Behavior; iScience; Journal of Comparative Physiology B; Journal of Experimental Biology; the Lancet Healthy Longevity; Microbial Cell; Microbiome; Molecular Biology and Evolution; Molecular Phylogenetics and Evolution; Nature; Nature Aging; Nature Communications; Nature Medicine; Nature Protocols; PLoS Genetics; PLoS ONE; PNAS; Proceedings of the Royal Society B; Science; Science Advances; Scientific Reports; Trends in Genetics.

Scientific publishers: Chigago University Press, Oxford University Press.

Research Grants: AFAR, Blood Cancer UK, Czech Science Foundation, DFG, ERC, HSFP, INSPIRE Geroscience, Polish National Science Centre, SWO (Belgium), Research Foundation -Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO), Università di Camerino (Italy), Simons Foundation, Swiss National Science Foundation, Wellcome Trust.

Media coverage

2006	"Eat less, live more", The Economist
	http://www.economist.com/node/6823498
2015	"A model for ageing", Max Planck Gesellschaft news
	http://tinyurl.com/oykxp92
2015	"Short-lived fish may hold clues to human ageing"
	http://www.nature.com/news/short-lived-fish-may-hold-clues-to-human-ageing- 1.18945
2016	"Live fast, die young", Nature Technology feature
2010	http://www.nature.com/nature/journal/v535/n7612/full/535453a.html
2016	"Dem Traum der ewigen Jugend auf der Spur" BR Wissen
2010	http://www.br.de/themen/wissen/altern-alterungsprozess-tierwelt-100.html
2017	"Young poo makes aged fish live longer" Nature News
	http://www.nature.com/news/young-poo-makes-aged-fish-live-longer-1.21770
2017	"A fishy way to longevity: young poo" Science
	http://www.sciencemag.org/news/sifter/fishy-way-longevity-young-poo
2017	"Youthful poo makes aged fish live longer" Scientific American
	https://www.scientificamerican.com/article/youthful-poo-makes-aged-fish-live-longer/
2017	"Wired awake: 10 must read articles for April 6" Wired
	http://www.wired.co.uk/article/wired-awake-060417
2017	"Biology gone wild" Cell
	http://www.sciencedirect.com/science/article/pii/S0092867417307626
2017	"Gut microbes influence life expectancy" Elife
	https://elifesciences.org/for-the-press/779a3695/gut-microbes-influence-life-
	expectancy
2017	"Gut microbes from younger killifish extend life in older killifish" Medium
	https://medium.com/beautyinaging/gut-microbes-from-younger-killifish-extend-life-
	in-older-killifish-9aafe1c15cf5
2017	"Young guts make elderly fish sprightly" Nature
	https://www.nature.com/articles/d41586-017-02936-1

- 2018 "Gut microbes as a novel anti-aging intervention?" The Science Breaker https://thesciencebreaker.org/breaks/microbiology/gut-microbes-as-a-novel-antiaging-intervention
- 2019 "Neutral Evolution shapes lifespan and ageing"
- https://www.mpg.de/13660866/0702-balt-110438-neutral-evolution-shapes-lifespanand-ageing
- 2019 Der Killifisch und die Falten meines Vater
 - https://www.arte.tv/de/videos/086132-008-A/verknuepft/
- 2019 "Die genetische Last des Killifisches"

https://www.laborjournal.de/editorials/1861.php

- 2019 "Will he be 130?" Nov 22, Spiegel Online
- 2022 "Das Uhrwerk des Lebens" <u>https://www.zdf.de/arte/das-uhrwerk-des-lebens</u>
- 2023 "Alte Fische, altes Immunsystem" <u>https://www.laborjournal.de/editorials/2730.php</u>
 2023 "My heartening summer school class on the new science of aging" <u>https://www.bostonglobe.com/2023/09/03/opinion/my-heartening-summer-school-</u> class-new-science-aging/ (The Boston Globe)

Teaching

- 2003 Undergraduate orientation school. Scuola Normale Superiore di Pisa, San Miniato Pisa, Italy.
- 2008 Undergraduate course "Longevity", Stanford University, USA.
- 2009 Undergraduate course "Longevity", Stanford University, USA.
- 2015 Graduate course "Genomics for the Neurosciences". Scuola Normale Superiore di Pisa, Italy.
- 2015 Master module "Functional Genomics". University of Cologne, Cologne, Germany.
- 2016 Graduate course "Neurogenomics". Scuola Normale Superiore di Pisa, Pisa, Italy. 2016 Master module "Population Genetics". University of Cologne, Cologne, Germany.
- 2016 Undergraduate course "Evolutionary Biology". Scuola Normale Superiore, Pisa, Italv.
- 2016 Master module "Functional Genomics". University of Cologne, Cologne, Germany. 2017 Master module "Population Genetics". University of Cologne, Cologne, Germany.
- 2018 Master module "Functional Genomics". University of Cologne, Cologne, Germany. 2018 Master module "Population Genetics". University of Cologne, Cologne, Germany.
- 2018 Module "Analysis of the Microbiome and Quantitative Genetics" for the PhD course "Neurogenomics". Scuola Normale Superiore, Pisa, Italy.
- 2018 "Stochastic models in DNA sequence evolution" (SS 2018), University of Cologne, Institute of Mathematics (with Professor Alexader Drewitz).
- 2018 PhD Summer School on ^{*}Aging and the Microbiome", Old Herborn University, Herborn, Germany.
- 2018 "Comparative and Experimental Approaches in Aging Biology Research, An Applied Laboratory in Aging Research Models" for undergraduates and PhD students. MDI Biological Laboratory, Bar Harbor, Maine, United States.
- 2018 CECAD Summer School, CECAD, University of Cologne, Cologne, Germany.
- 2018 "Forever young" Frontiers in Aging Research. Lecture series of the IPMM/IPHS graduate program on Molecular Medicine, Cologne, Germany.
- 2019 Master module "Functional Genomics". University of Cologne, Cologne, Germany.
- 2019 Master module "Population Genetics". University of Cologne, Cologne, Germany.
 2019 Module "Analysis of the Microbiome" for the PhD course "Neurogenomics", Scuola Normale Superiore, Pisa, Italy.
- 2020 "Evolutionary biology of Aging", Cologne Graduate School on Aging, Cologne, Germany.
- 2020 Cologne Graduate School on Aging Summer School, Cologne, Germany.
- 2021 "Genetics, Genomics, and Cell Biology of Aging", Princeton University, US.
- 2021 "Population Genetics and Molecular Evolution", University of Cologne, Germany.
- 2022 "Alterung und Krankheitsentstehung: Intestinal stem cells and microbiome in aging", Friedrich Schiller University, Jena, Germany.
- 2022 European Institute of Technology, Health Aging advanced course

Dario Riccardo Valenzano, PhD

- 2023 "Alterung und Krankheitsentstehung: Intestinal stem cells and microbiome in aging", Friedrich Schiller University, Jena, Germany. MBL Biology of Aging Advanced Research Training Summer Course, Woods Hole,
- 2023 Cape Cod, US.