

Curriculum vitae Eva Terzibasi Tozzini

Index

<i>Important note</i>	<i>p. 2</i>
<i>Personal data</i>	<i>p. 2</i>
<i>Identifiers and bibliometric indexes</i>	<i>p. 2</i>
<i>Training</i>	<i>p. 3</i>
<i>Work experiences</i>	<i>p. 3</i>
<i>Qualifications</i>	<i>p. 4</i>

Important note:

Relating to scientific publications, please note that in 2009 I changed my surname from "Terzibasi" to "Terzibasi Tozzini" - For this reason I appear in the publications on PubMed as "Terzibasi, E" until 2009, and as "Terzibasi, E", or "Terzibasi, ET", or "Tozzini, ET", or "Terzibasi Tozzini E", subsequently

Personal data

Name	Eva Terzibasi Tozzini
Address	Via Vallebuia 25, Calci – Pisa (Italy)
Phone	Office: 0503152756, or 0815833322 - Mobile: 349 1846923
Fax	-
E-mail	eva.terzibasi@szn.it , eva.terzibasi@sns.it , eva.terzibasi@gmail.com
Nationality	Italian
Date of birth	August 28th 1976
Posizione attuale	Researcher at the Stazione Zoologica Anton Dohrn of Naples (From November 4 th 2019)

Bibliometric identifiers

ORCID: orcid.org/0000-0003-3317-1538

(more updated for publications : <https://orcid.org/my-orcid?orcid=0000-0003-3317-1538>)

Publons: <https://publons.com/researcher/1213436/eva-terzibasi-tozzini/publications/>

WOS Researcher ID: AEA-0204-2022 (<https://www.webofscience.com/wos/author/record/AEA-0204-2022>)

Scopus ID: <http://www.scopus.com/inward/authorDetails.url?authorID=12142181900&partnerID=MN8TOARS>

Loop: <https://loop.frontiersin.org/people/138289/publications>

Google Scholar: cpksIV4AAAAJ (<https://scholar.google.com/citations?user=cpksIV4AAAAJ&hl=en>)

Training

PhD

- Duration (from - to) 2004-2006
 - Institution University of Pisa
 - Field of work and experiences Neurophysiology and Developmental Biology. Thesis title: "Neurophysiological study of ageing" (relators: Dott. Luciano Domenici, Dott.ssa Enrica Strettoi)

- Achieved qualification PhD in “Neurosciences and Developmental Biology” April 16th 2007

Laurea

- Duration (from - to) 1995-2000
 - Institution University of Pisa
 - Field of work and experiences Marine Biology (ecology) at the Department of Human and Environmental Sciences: Thesis title “Pilot Study at Giannutri Island on the application of new underwater sampling methods to monitor the biodiversity of Coralligenous environment”
- Achieved qualification Degree in Biology

Work experiences

1

- Date (da – a) NOVEMBRE 2019 – OGGI
- Institution/Company Stazione Zoologica Anton Dohrn - BEOM dep (Biology and Evolution of Marine Organisms) – Via Caracciolo 333 (Villa Comunale) – 80122, Napoli
- Type of employment Researcher tenured

2

- Date (da – a) GENNAIO 2011 – LUGLIO 2019
- Institution/Company Laboratorio di Biologia (Bio@SNS), Scuola Normale Superiore, Piazza dei Cavalieri 7, 56127 - Pisa
- Type of employment Research fellow

3

- Date (da – a) 1 SETTEMBRE 2006 - 31 DICEMBRE 2010 (contratto part-time da Settembre a Dicembre 2006, full-time da Gennaio 2007 a Dicembre 2010)
- Institution/Company Biology of Aging Group, Fritz Lipmann Institute for Aging Research – Leibnitz Institute, Beutenberg Strasse 11 – Beutenberg Campus, 07745, Jena - Germania
- Type of employment Researcher

Native language: Italian

Other languages: Inglese, Francese Tedesco

Students supervision and technicians training:

- Supervision of undergraduated student of the Scuola Normale Superiore (Giorgia Battistoni and Aurora Savino), 2012-2013
- Supervision of the research fellow Mirko Mutalipassi, 2014-2015 (AIRC project 2011)
- Training of the laboratory technician Erika Seghesio (ACTIAL project)

Technology transfert Activities:

- Participation in Technology Transfer meetings and workshops: 1) Borsa della Ricerca 2016, 15-17 Maggio, Salerno- 2) *"Innovative Entrepreneurship in Universities – From the Idea to the Business Plan"*, June 16th 2016, Sala Convegni Vincenzo da Massa Carrara, Complesso San Micheletto, Scuola IMT Alti Studi Lucca, - Workshop organized by JOTTO-Joint Technology Transfer Office Scuola Superiore Sant'Anna, Scuola Normale Superiore and IMT School for Advanced Studies Lucca-([allegato n.8](#)) 3) *"Strumenti di innovazione e valorizzazione della ricerca nei settori biotecnologico e agrofood"* - June 30th 2016, Scuola Superiore S. Anna, Pisa - Workshop organized by JOTTO-Joint Technology Transfer Office: Scuola Superiore Sant'Anna, Scuola Normale Superiore e Scuola IMT Alti Studi Lucca

Academic Titles

Italian ASN: Abilitazione Scientifica Nazionale a Professore di II fascia (SSC 05/D1, Fisiologia)

Italian ASN: Abilitazione Scientifica Nazionale a Professore di II fascia (SSC 05/B2, Anatomia comparata e Citologia)

Organization and/or participation as speaker in national and international scientific conferences

- Member of the Organization Committee of the 1st International Symposium *"From bush to bench: 10 years of Nothobranchius furzeri as a model system in biology"*, Sala Azzurra of the Scuola Normale Superiore, February 6-8 2014, Pisa, contacts management with external sponsors (Techniplast, AISAL)
- Oral presentation at the 1st Nothobranchius Symposium, *"From bush to bench: 10 years of Nothobranchius furzeri as a model system in biology"* February 6-8 2014, Pisa (IT)
- Selected speaker to the international meeting *"Healthy Ageing: From Molecules to Organisms"*, 18-20 May 2015, Cambridge (UK)
- Invited speaker at the 3rd Nothobranchius Symposium, 7-9 2016, Max Planck Institute for Biology of Ageing, Koeln, (DE)
- Invited speaker at the "4th Mancunian Skin Club (MSC) Annual International Workshop", May 10-11 2018, Chetham's College of Music, Manchester (UK)
- Selected speaker at "the annual meeting of the German Association for Aging Research (DGfA)", December 6-7 2018, Jena (DE)
- Selected speaker to "The 2nd Italian Zebrafish Meeting", January 30 to February 1 - 2019, Pisa, Italy

- Selected speaker to “The 3d Italian Zebrafish Meeting”, February 9 to February 11 - 2022, Napoli, Italy

Participation to the activity of research groups characterized by national and international collaborations:

- Continuative scientific collaboration with national (University of Pisa, Napoli, Camerino) and international research groups (FLI-Leibniz Institute di Jena, Germania – LIENSs, Université de La Rochelle, France – Institute of Vertebrate Biology of Brno, Repubblica Ceca) as demonstrated by joint publications
- participation as researcher to the project financed by Deutsch Forschungsgemeinschaft (DFG) „Role of SIRT1 and TOR in regulation of vertebrate longevity“
- Participation to the project financed by ARN (Agence National de la Recherche) „Aging and functional integrity: modulation by Life-extending treatments in a vertebrate model with extremely short lifespan (ALIVE)“ (subcontractor)
- Experimental and organizational responsibility of the project on behalf of third parties for Actial Farmaceutica SpA

Scientific responsibility of national and international research projects, admitted to financing based on competitive calls for peer review:

- Drafting, management and scientific responsibility for the AIRC project, “My First AIRC Grant (MFAG) 2011”: “The short-lived fish *Nothobranchius furzeri* as a model of age-dependent spontaneous tumorigenesis”
- Scientific responsibility for the internal financing project of the Scuola Normale Superiore: GR11TERZIB, “Effects of Notch-delta pathway modulation in the short-lived teleost *Nothobranchius furzeri*”

Formal Assignment of teaching or research fellowships at qualified foreign or supranational universities and research institutions;

- Research contract at the Fritz Lipmann Institute for Aging Research – Leibniz Institute, Beutenberg Strasse 11 – Beutenberg Campus, 07745, Jena (DE)

Participation in editorial committees of journals, editorial collections, encyclopedias and essays of recognized prestige:

- Co-editor of the Special Issue “Biology of Aging” - *Seminars in Cellular and Developmental Biology Journal*
- Editor of the Special Issue “Advance in Research on Neurogenesis”, in IJMS (https://www.mdpi.com/journal/ijms/special_issues/Neurogenesis_ANG)
- Editor of the Special Issue "Biological Functions of Neurotrophins: New Insights from Canonical and Noncanonical Model Organisms", in IJMS (https://www.mdpi.com/journal/ijms/special_issues/Functions_Neurotrophins)
- Guest Associate Editor in Cellular Biochemistry (Frontiers)
- Editor del Research Topic di Frontiers “Non-Canonical Model Organisms and Comparative Approaches to Understanding Cellular and Molecular Mechanisms of Aging” (allegato n.32)
- Guest editor di Frontiers: Endocrinology of Aging (Frontiers) (allegato n.32)

- Editor of the Research Topic di Frontiers “Endocrine Disruptors in Neurodegeneration and Aging: New Insights from Canonical and Non-canonical models” (<https://www.frontiersin.org/research-topics/24998/endocrine-disruptors-in-neurodegeneration-and-aging-new-insights-from-canonical-and-non-canonical-mo>)
- Editor of the Research Topics in IJMS: "Advance in Research on Neurogenesis" ([https://www.mdpi.com/journal/ijms/special issues/Neurogenesis ANG](https://www.mdpi.com/journal/ijms/special%20issues/Neurogenesis%20ANG)) and "Biological Functions of Neurotrophins: New Insights from Canonical and Noncanonical Model Organisms" ([https://www.mdpi.com/journal/ijms/special issues/Functions Neurotrophins](https://www.mdpi.com/journal/ijms/special%20issues/Functions%20Neurotrophins))
- Review activity for the following scientific journals: The Journal of Comparative Neurology, Molecular Nutrition and Food Research, Brain Research; Histochemistry and Cell Biology (Publons account: <https://publons.com/a/1213436>)
- Selected as reviewer for the ERC Starting Grant Program 2022
- Selected as reviewer for the FRA2022 Program of the University Federico II of Naples

Certified teaching and educational activities:

- 10-h modules (Methodologies of Immunohistochemistry), part of the SNS cours “Laboratory of Biology”, for the 2nd year SNS undergraduate students (2017 and 2019), Scuola Normale Superiore, Pisa (IT)
- Seminars cycle in “Neurobiology of Marine Organisms (Couse “Seminars in Neuroscience”) into the Neuroscience PhD of the Scuola Normale Superiore (2h*6 seminars in 2020&2021; 2h*8 seminars in 2022)
- Supervisor of the SNS PhD student Sara Bagnoli
- Evaluation Committee member of the doctoral thesis of the PhD Students Valerio Corvaglia, Giacomo Siano and Giovanna Testa (Scuola Normale Superiore)
- Faculty Board Member of the PhD in Neuroscience of the Scuola Normale Superiore of Pisa.

Third mission activities:

- Informative educational activity for the project "AIRC into the schools" – November 11th 2012 at the Liceo Scientifico Cecioni, Livorno (IT)

Full publications list

Tot. cit. N = 2628 Citations by 1743 documents (Scopus), 3580 (Google Scholar)
h-index= 20 (Scopus), 22 (Google Scholar)

(updated to November 2022)

1: Genade T*, Benedetti M*, Terzibasi E*, Roncaglia P, Valenzano DR, Cattaneo A, Cellerino A. Annual fishes of the genus *Nothobranchius* as a model system for aging research. *Aging Cell*. 2005 Oct;4(5):223-33. Review. PubMed PMID: 16164422. * questi autori hanno contribuito in maniera uguale alla pubblicazione (co-first author)

IF:11

Cited by Cell Previews

2: Valenzano DR, Terzibasi E, Genade T, Cattaneo A, Domenici L, Cellerino A. Resveratrol prolongs lifespan and retards the onset of age-related markers in a short-lived vertebrate. *Curr Biol*. 2006 Feb 7;16(3):296-300. PubMed PMID: 16461283.

IF:10,9

Comment in Faculty of 1000

Cited by Nature News

Cited by Cell Previews

3: Valenzano DR*, Terzibasi E*, Cattaneo A, Domenici L, Cellerino A. Temperature affects longevity and age-related locomotor and cognitive decay in the short-lived fish *Nothobranchius furzeri*. *Aging Cell*. 2006 Jun;5(3):275-8. PubMed PMID: 16842500. * questi autori hanno contribuito in maniera uguale alla pubblicazione (co-first author)

IF:11

4: Terzibasi E, Valenzano DR, Cellerino A. The short-lived fish *Nothobranchius furzeri* as a new model system for aging studies. *Exp Gerontol*. 2007 Jan-Feb;42(1-2):81-9. Epub 2006 Oct 17. Review. PubMed PMID: 17049789.

IF:4,25

5: Gargini C, Terzibasi E, Mazzoni F, Strettoi E. Retinal organization in the retinal degeneration 10 (rd10) mutant mouse: a morphological and ERG study. *J Comp Neurol*. 2007 Jan 10;500(2):222-38. PubMed PMID: 17111372; PubMed Central PMCID: PMC2590657.

IF:3,03

6: Terzibasi E, Valenzano DR, Benedetti M, Roncaglia P, Cattaneo A, Domenici L, Cellerino A. Large differences in aging phenotype between strains of the short-lived annual fish *Nothobranchius furzeri*. *PLoS One*. 2008;3(12):e3866. doi: 10.1371/journal.pone.0003866. Epub 2008 Dec 4. PubMed PMID: 19052641; PubMed Central PMCID: PMC2585814.

IF:3,75

7: Terzibasi E, Calamusa M, Novelli E, Domenici L, Strettoi E, Cellerino A. Age-dependent remodelling of retinal circuitry. *Neurobiol Aging*. 2009 May;30(5):819-28. Epub 2007 Oct 24. PubMed PMID: 17920161.

IF:5,13

8: Terzibasi E, Lefrançois C, Domenici P, Hartmann N, Graf M, Cellerino A. Effects of dietary restriction on mortality and age-related phenotypes in the short-lived fish *Nothobranchius furzeri*. *Aging Cell*. 2009 Apr;8(2):88-99. doi: 10.1111/j.1474-9726.2009.00455.x. PubMed PMID: 19302373.

IF:11

Cited by Cell Previews

9: Hartmann N, Reichwald K, Lechel A, Graf M, Kirschner J, Dorn A, Terzibasi E, Wellner J, Platzer M, Rudolph KL, Cellerino A, Englert C. Telomeres shorten while Tert expression increases during

ageing of the short-lived fish *Nothobranchius furzeri*. *Mech Ageing Dev.* 2009 May;130(5):290-6. doi: 10.1016/j.mad.2009.01.003. Epub 2009 Jan 22. PubMed PMID: 19428446.
IF:5,5

10: Di Cicco E, Tozzini ET, Rossi G, Cellerino A. The short-lived annual fish *Nothobranchius furzeri* shows a typical teleost aging process reinforced by high incidence of age-dependent neoplasias. *Exp Gerontol.* 2011 Apr;46(4):249-56. doi: 10.1016/j.exger.2010.10.011. Epub 2010 Nov 3. PubMed PMID: 21056099.
IF:4,25

Cited by Cell Previews

11: Hartmann N, Reichwald K, Wittig I, Dröse S, Schmeisser S, Lück C, Hahn C, Graf M, Gausmann U, Terzibasi E, Cellerino A, Ristow M, Brandt U, Platzer M, Englert C. Mitochondrial DNA copy number and function decrease with age in the short-lived fish *Nothobranchius furzeri*. *Aging Cell.* 2011 Oct;10(5):824-31. doi: 10.1111/j.1474-9726.2011.00723.x. Epub 2011 Jun 27. PubMed PMID: 21624037.
IF:11

12: D'Angelo L, de Girolamo P, Cellerino A, Tozzini ET, Castaldo L, Lucini C. Neurotrophin Trk receptors in the brain of a teleost fish, *Nothobranchius furzeri*. *Microsc Res Tech.* 2012 Jan;75(1):81-8. doi: 10.1002/jemt.21028. Epub 2011 Jun 15. PubMed PMID: 21678525.
IF:2,9

13: Tozzini ET, Baumgart M, Battistoni G, Cellerino A. Adult neurogenesis in the short-lived teleost *Nothobranchius furzeri*: localization of neurogenic niches, molecular characterization and effects of aging. *Aging Cell.* 2012 Apr;11(2):241-51. doi: 10.1111/j.1474-9726.2011.00781.x. Epub 2012 Jan 13. PubMed PMID: 22171971; PubMed Central PMCID: PMC3437507.
IF:11

Comment on Faculty of 1000

14: D'Angelo L, De Girolamo P, Cellerino A, Tozzini ET, Varricchio E, Castaldo L, Lucini C. Immunolocalization of S100-like protein in the brain of an emerging model organism: *Nothobranchius furzeri*. *Microsc Res Tech.* 2012 Apr;75(4):441-7. doi: 10.1002/jemt.21075. Epub 2011 Oct 22. PubMed PMID: 22021149.
IF:2,9

15: D'Angelo L, de Girolamo P, Lucini C, Terzibasi ET, Baumgart M, Castaldo L, Cellerino A. Brain derived neurotrophic factor: mRNA expression and protein distribution in the brain of the teleost *Nothobranchius furzeri*. *J Comp Neurol.* 2013 Aug 24. doi: 10.1002/cne.23457. [Epub ahead of print] PubMed PMID: 23983038.
IF:3,03

16: Tozzini ET, Dorn A, Ng'oma E, Polačik M, Blažek R, Reichwald K, Petzold A, Watters B, Reichard M, Cellerino A. Parallel evolution of senescence in annual fishes in response to extrinsic mortality. *BMC Evol Biol.* 2013 Apr 3;13:77. doi: 10.1186/1471-2148-13-77. PubMed PMID: 23551990; PubMed Central PMCID: PMC3623659.
IF:3,44

17: Terzibasi Tozzini E, Savino A, Ripa R, Battistoni G, Baumgart M, Cellerino A. Regulation of microRNA expression in the neuronal stem cell niches during aging of the short-lived annual fish *Nothobranchius furzeri*. *Front Cell Neurosci*. 2014 Feb 21;8:51. doi: 10.3389/fncel.2014.00051. eCollection 2014. PubMed PMID: 24600353; PubMed Central PMCID: PMC3930850.

IF:6,15

18: Polačik M, Blažek R, Režucha R, Vrtílek M, Terzibasi Tozzini E, Reichard M. Alternative intrapopulation life-history strategies and their trade-offs in an African annual fish. *J Evol Biol*. 2014 May;27(5):854-65. doi: 10.1111/jeb.12359. Epub 2014 Mar 26. PubMed PMID: 24666645.

IF:2,52

19: Baumgart M, Groth M, Priebe S, Savino A, Testa G, Dix A, Ripa R, Spallotta F, Gaetano C, Ori M, Terzibasi Tozzini E, Guthke R, Platzer M, Cellerino A. RNA-seq of the aging brain in the short-lived fish *N. furzeri* - conserved pathways and novel genes associated with neurogenesis. *Aging Cell*. 2014 Dec;13(6):965-74. doi: 10.1111/accel.12257. Epub 2014 Jul 25. PubMed PMID: 25059688; PubMed Central PMCID: PMC4326923.

IF:11

20: Baumgart M, Di Cicco E, Rossi G, Cellerino A, Tozzini ET. Comparison of captive lifespan, age-associated liver neoplasias and age-dependent gene expression between two annual fish species: *Nothobranchius furzeri* and *Nothobranchius korthause*. *Biogerontology*. 2015 Feb;16(1):63-9. doi: 10.1007/s10522-014-9535-y. Epub 2014 Oct 15. PubMed PMID: 25315356.

IF:4,28

Comment on Faculty of 1000

21 Blažek R, Polačik M, Kačer P, Cellerino A, Režucha R, Methling C, Tomášek O, Syslová K, Terzibasi Tozzini E, Albrecht T, Vrtílek M, Reichard M. Repeated intraspecific divergence in life span and aging of African annual fishes along an aridity gradient. *Evolution* 2016 Dec 7. 71 (2), 386-402. Doi: 10.1111/evo.13127

IF:4,17

22: Ripa R, Dolfi L, Terrigno M, Pandolfini L, Savino A, Arcucci V, Groth M, Terzibasi Tozzini E, Baumgart M, Cellerino A. MicroRNA miR-29 controls a compensatory response to limit neuronal iron accumulation during adult life and aging. *BMC Biol*. 2017 Feb 13;15(1):9. doi: 10.1186/s12915-017-0354-x.

IF:7,36

Cited by Nature News

23: Terzibasi-Tozzini E¹, Martinez-Nicolas A, Lucas-Sánchez A. The clock is ticking. Ageing of the circadian system: from physiology to cell cycle. *Semin Cell Dev Biol*. 2017 Jun 16. pii: S1084-9521(16)30309-3. doi: 10.1016/j.semcd.2017.06.011.

IF:7,49

24: Cellerino A, Terzibasi Tozzini E. Biology of aging: New models, new methods. *Semin Cell Dev Biol*. 2017 Epub Jul 19. doi.org/10.1016/j.semcd.2017.07.024

IF:7,49

- 25: Api M, Biondi P, Olivotto I, Terzibasi E, Cellerino A, Carnevali O. Effects of Parental Aging During Embryo Development and Adult Life: The Case of *Nothobranchius furzeri*. *Zebrafish*. 2018 Jan 5. doi: 10.1089/zeb.2017.1494. IF:2,23
- 26: Montesano A, Baumgart M, Avallone L, Castaldo L, Lucini C, Terzibasi Tozzini E, Cellerino A, D'Angelo L, de Girolamo P. Age-related central regulation of orexin and NPY in the short lived African killifish *Nothobranchius furzeri*. *J Comp Neurol*. 2019 Jan 21. doi: 10.1002/cne.24638. [Epub ahead of print] PMID:30666646 IF:3,03
- 27: Leggieri A, Attanasio C, Palladino A, Cellerino A, Lucini C, Paolucci M, Terzibasi Tozzini E, de Girolamo P, D'Angelo L. Identification and Expression of Neurotrophin-6 in the Brain of *Nothobranchius furzeri*: One More Piece in Neurotrophin Research. *J Clin Med*. 2019 Apr 30;8(5). pii: E595. doi: 10.3390/jcm8050595. IF:4,81
- 28: Kelmer Sacramento E, Kirkpatrick JM, Mazzetto M, Baumgart M, Bartolome A, Di Sanzo S, Caterino C, Sanguanini M, Papaevgeniou N, Lefaki M, Childs D, Bagnoli S, Terzibasi Tozzini E, Di Fraia D, Romanov N, Sudmant PH, Huber W, Chondrogianni N, Vendruscolo M, Cellerino A, Ori A. Reduced proteasome activity in the aging brain results in ribosome stoichiometry loss and aggregation. *Mol Syst Biol*. 2020 Jun;16(6):e9596. doi: 10.15252/msb.20209596. PMID: 32558274; PMCID: PMC7301280. IF:13,07
- 29: Terzibasi Tozzini, Eva. (2020). *Nothobranchius furzeri* as a New Model System for Ageing Studies. 190.1007/978-981-32-9005-1_15. (Chapter in book: *Models, Molecules and Mechanisms in Biogerontology, Cellular Processes, Metabolism and Diseases*, pp.303-31)
30. Napoli D, Lupori L, Mazziotti R, Sagona G, Bagnoli S, Samad M, Sacramento EK, Kirkpartick J, Putignano E, Chen S, Terzibasi Tozzini E, Tognini P, Baldi P, Kwok JC, Cellerino A, Pizzorusso T. MiR-29 coordinates age-dependent plasticity brakes in the adult visual cortex. *EMBO Rep*. 2020 Nov 5;21(11):e50431. doi: 10.15252/embr.202050431. Epub 2020 Oct 7. IF: 9,07
31. Terzibasi Tozzini E, Cellerino A. *Nothobranchius* annual killifishes. *Evodevo*. 2020 Dec 15;11(1):25. doi: 10.1186/s13227-020-00170-x. PMID: 33323125; PMCID: PMC7739477. IF: 3,56
32. Holtze S, Gorshkova E, Braude S, Cellerino A, Dammann P, Hildebrandt TB, Hoeflich A, Hoffmann S, Koch P, Terzibasi Tozzini E, Skulachev M, Skulachev VP, Sahm A. Alternative Animal Models of Aging Research. *Front Mol Biosci*. 2021 May 17;8:660959. doi: 10.3389/fmolb.2021.660959. PMID: 34079817; PMCID: PMC8166319. IF:5,59
33. Bagnoli S, Terzibasi Tozzini E. Age-Dependent Regulation of Notch Family Members in the Neuronal Stem Cell Niches of the Short-Lived Killifish *Nothobranchius furzeri*. *Front Cell Dev Biol*. 2021 Jul 9;9:640958. doi: 10.3389/fcell.2021.640958. PMID: 34307342; PMCID: PMC8299727.

IF: 6,7

34. Almada-Pagan PF, Lucas-Sanchez A, Martinez-Nicolas A, Terzibasi E, de Lama MAR, Cellerino A, Mendiola P, de Costa J. Membrane lipids and maximum lifespan in clownfish. *Fish Physiol Biochem.* 2021 Dec 4. doi: 10.1007/s10695-021-01037-1. Epub ahead of print. PMID: 34862943.
IF: 3

35. Louka A, Bagnoli S, Rupert J, Esapa B, Tartaglia GG, Cellerino A, Pastore A, Terzibasi Tozzini E. New lessons on TDP-43 from old *N. furzeri* killifish. *Aging Cell.* 2021 Dec 23:e13517. doi: 10.1111/accel.13517. Epub ahead of print. PMID: 34939315.
IF: 11

36. Bagnoli S, Terzibasi Tozzini E, Cellerino A. EdU and Immunofluorescence Staining of *Nothobranchius furzeri* Organotypic Cultures. (PMID:36180211) *Cold Spring Harbor Protocols*, 2022
IF: 1,28

37. Bagnoli S, Brogi L, Fronte B, Bibbiani C, Terzibasi Tozzini E, Cellerino A. Long-Term Brain Organotypic Cultures of the Turquoise Killifish *Nothobranchius furzeri*. (PMID:36167677) *Cold Spring Harbor Protocols*, 2022
IF: 1,28

38. Bagnoli S, Fronte B, Bibbiani C, Terzibasi Tozzini E, Cellerino A. Quantification of noradrenergic-, dopaminergic-, and tectal-neurons during aging in the short-lived killifish *Nothobranchius furzeri*. (PMID:35986561 PMCID:PMC9470901) *Aging Cell*, 2022, 21(9):e13689
IF: 11

PREPRINTS

- Aging is associated with a degeneration of noradrenergic-, but not dopaminergic-neurons, in the short-lived killifish *Nothobranchius furzeri* (PPR:PPR305121) Bagnoli S, Fronte B, Bibbiani C, Tozzini ET, Cellerino A - bioRxiv, 2021
- New lessons on TDP-43 from the killifish *N. furzeri* (PPR:PPR278752) Louka A, Bagnoli S, Rupert J, Esapa B, Tartaglia GG, Cellerino A, Pastore A, Tozzini ET - bioRxiv, 2021
- Reduced proteasome activity in the aging brain results in ribosome stoichiometry loss and aggregation (PPR:PPR73346) Sacramento EK, Kirkpatrick JM, Mazzetto M, Baumgart M, Bartolome A, Di Sanzo S, Caterino C, Sanguanini M, Papaevgeniou N, Lefaki M, Childs D [...] Ori A - bioRxiv, 2019

Data: 11/11/2022

Signature:

