CURRICULUM VITAE

● PERSONAL INFORMATION

Family name, First names: **Ewald, Collin Yvès**

Date and place of birth: 25. December 1980, Basel, Switzerland

Spoken languages: English (fluent), German (native), French (basic)

Nationality: Swiss

Current employer:

ORCID: orcid.org/0000-0003-1166-4171, Research ID: K-6303-2015, Google Scholar, Wikipedia

Lab website: www.ewaldlab.com

● EDUCATION

2011	**Ph.D. in Molecular Biology and Neuroscience**, City University of New York, USA Ph.D. Supervisor: Chris Li
2008	Master of Philosophy, Biology, City University of New York, USA.
2007	Master of Science, Molecular Biology, University of Basel, Switzerland.
2005	Bachelor of Science, Molecular Biology, University of Basel, Switzerland.
2001	Matura in Mathematics, Gymnasium am Kirschgarten, Basel, Switzerland.

● CURRENT POSITIONS

2023- Scientific Investigator and Professor at the University Department of Geriatric Medicine FELIX PLATTER

2023- Docent at ETH Zurich

2016-2023 Assistant Professor (SNF professorship, non-tenure track)
Institute of Translational Medicine/ Department of Health Sciences and Technology, ETH Zürich/ Switzerland.

- Led research team of 4 Ph.D. students and 3 postdocs, 1 Guest Professor, 17 Master Students / 2 Medical Students / 4 Bachelor Students / 3 High School Students.
- 42 peer-reviewed publications from my independent lab (last 7 years), and 37 (co-)corresponding PI (and/or last author)
- 1 patent filed
- Total 3rd Party funds raised (2016-2022): 3.5 million CHF
- Certified Good Clinical Practice GCP1-3, Animal experimentation license LTK1-2 (mice, rats), induced pluripotent stem cells (iPSC; DRC Harvard Medical School)
- 10 Chair and 10 doctoral examinations (Ph.D. defenses)
- 5 keynote talks, 30 invited talks at international conferences (including WEF)
- 3 international and 4 national conferences co-organized
- >20 Interviews in newspapers, news media, and podcasts

● PREVIOUS POSITIONS

2015 – 2016	**Instructor in Medicine, Harvard Medical School, USA.**
2015 – 2016	Visiting Scholar, Whitehead Institute for Biomedical Research (Massachusetts Institute of Technology), USA.
2015 – 2016	Research Associate, **Junior Faculty Member, Joslin Diabetes Center**, USA.
2011 – 2014	Postdoctoral Research Fellow in Medicine (with T. Keith Blackwell), Harvard Medical School, Joslin Diabetes Center, USA.
2006 – 2011	Graduate Research Fellow in Neuroscience (with Chris Li), City University of New York, USA.
2005 – 2006	Master's research Friedrich Miescher Institute (FMI) for Biomedical Research (with Joy Alcedo and Nancy Hynes), University of Basel and part of the Novartis Research Foundation, Switzerland.

- **SCIENTIFIC ADVISORY BOARDS AND START-UPS**

2023/06/09- Scientific Advisory Board Member of Invive, AI-risk assessment for life insurance.
2022/05/25- Scientific Advisory Board Member of Longaevus Technologies LTD
2022/03/01- Scientific Advisory Board Member of Galyan Bio Inc.
2021/12/15- Scientific Advisory/ Consultancy for Biotein
2021- External Advisory Board Member for BBSRC/MRC Ageing across the life course interdisciplinary research network, University of Liverpool's Institute of Life Course and Medical Sciences.
2021/12/01- Advisory Board Member of Biotech/Medical Board, Life Extension Board, Neuroscience Board
2021/09/30- Co-founder and CEO of Tinka Therapeutics. Winner of Longevity Hackathon 2021 Discovered and published: AI-predicted mTOR inhibitor (TKA001) for longevity.
2021/07/01- Co-founder, Sci. Advisory Board, and Shareholder of AVEA LIFE AG Developed NAD+ booster (published), Spinout Collagen Activator (patent pending)
2021/03/01 - 2017 Scientific Advisory Board Member of Maximon AG Longevity Start-up Builder Industrial Advisory Board D-HEST ETH Zurich

- **FELLOWSHIPS**

2014 – 2016 Advanced Postdoc Mobility Fellowship (P300P3_154633), Swiss National Science Foundation, Harvard Medical School, Joslin Diabetes Center, USA.
2013 – 2014 Ellison Medical Foundation/ American Federation for Aging Research (AFAR 13166), Harvard Medical School, Joslin Diabetes Center, USA.
2012 – 2013 Fellowship for prospective researchers (PBSKP3_140135), Swiss National Science Foundation, Harvard Medical School, Joslin Diabetes Center, USA.
2010 Competitive CUNY Research Grant for Doctoral Students, City University of New York, USA.
2007 Competitive CUNY Research Grant for Doctoral Students, City University of New York, USA.

- **MENTORING OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

2022-2023 Claudio Viecelli (postdoc): Current position: TomFit AG, Chief Product Officer
2021-2023 Alex Dakhovnik (postdoc): Current position: Startup in stealth
2021-2023 Anita Goyala (postdoc): Current position: Postdoc at PSI
2022-2023 Cecilia Park (Research Assistant).
2021 Pavlo Mozharovski (Guest professor)
2018-2022 Eline Jongsma (Ph.D. student). Current position: Postdoc at University of Zurich.
2017-2020 Richard Venz (Ph.D. student). Accomplishments: 2 first-author publications (*eLife, G3*). Current position: Chemistry Teacher Gymnasium Biel-Seeland.
2016-2020 Cyril Statzer (Ph.D. student). Accomplishments: 4 first-author publications (*Nat. Comm, Aging Cell, iScience, Matrix Bio Plus*). COST Short-Term Scientific Mission Award. Current position: Postdoc at Roche.
2016-2020 Alina Teuscher (Ph.D. student). Accomplishments: 4 first-author publications. Winner Presentation Price Life Science ZH. Current position: Research Fellow. Kantonales Labor Basel.
2016 –2023 17 Master Students / 2 Medical Students / 4 Bachelor Students / 3 High School Students, Institute of Translational Medicine/ Department of Health Sciences and Technology, ETH Zürich/ Switzerland
2011 – 2014 2 Master Students, 3 Bachelor Students, Harvard Medical School, Joslin Diabetes Center, USA.

2009 – 2011 3 Bachelor Students, 2 High School Students, City University of New York, USA.

- **COMMITTEE SERVICE**

2023/01/24 Chair of doctoral examination (defense) of Christoph Brenner (D-HEST, ETHZ)
2022/12/19 Doctoral examiner (defense) of Harshitha Santhosh Kumar (UZH). PhD committee
2022/08/25 Chair of doctoral examination (defense) of Dane Donegan (D-HEST, ETHZ)
2022/07/05 Chair of doctoral examination (defense) of Jing Zhang (D-HEST, ETHZ)
2022/06/29 Doctoral examiner (defense) of James Moore (UZH). PhD committee 2018-22
2021/10/18 ETHZ Medaille Committee for Master Theses
2021/11/09 Chair of doctoral examination (defense) of Carolin Thomas (D-HEST, ETHZ)
2021/05/20 Ph.D. Thesis Reviewer for Aleksandra Fergin (UZH)
2020/11/13 Doctoral examiner (defense) of Melanie Salamito (ENS Lyon)
2020/06/17 Chair of doctoral examination (defense) of Andreia Filipa Martinho Fernandes (D-HEST, ETHZ)
2019/12/10 Chair of doctoral examination (defense) of Fateme Jaleh (D-HEST, ETHZ)
2019/09/13 Doctoral examiner (defense) of Huseyin Baris Atakan (EPFL)
2019/07/02 Doctoral examiner (defense) of Roger Philippe Krenger (EPFL)
2019/06/05 Doctoral examiner (defense) of Tina Pekec (FMI)
2019/01/23 Chair of doctoral examination (defense) of Nadja Weissfeld (D-HEST, ETHZ)
2018/10/09 Doctoral examiner (defense) of Roel Paulus Josephus Bevers (EPFL)
2018/05/04 Chair and doctoral examiner (defense) of Caroline Escoubas-Guney (Harvard)
2018/03/28 Doctoral examiner (defense) of Nadia Sarait Vertti Quintero (D-CHAB, ETHZ)
2018/06/01 Doctoral examiner (defense) of Adrienne Joelle Laurence Mottis (EPFL)
2018/01/24 Doctoral examiner (defense) of Simon Berger (D-CHAB, ETHZ)
2017/12/08 Chair of doctoral examination (defense) of Shahana Fedele (D-HEST, ETHZ)
2017/10/27 Chair of doctoral examination (defense) of Deepti Ramachandran (D-HEST, ETHZ)
2016/10/11 ETHZ Medaille Committee for Master Theses

- **TEACHING ACTIVITIES**

2019 – Teaching Professor – 376-0303-00L Colloquium in Translational Science. 3 block seminars à 3,5 hrs à 60 minutes.
2018 – 2019 Teaching Professor – 376-0209-00L Molecular Disease Mechanisms. 2h Lecture about Ageing- Introduction and General Concepts, Bachelor & Master Students, ETH Zürich, Switzerland.
2017 – **Designed my own Course** for Master & Ph.D. Students, Teaching Professor – 376-1151-00L **Translation of Basic Research Findings from Genetics and Molecular Mechanisms of Aging,** 14 x 2h Lectures, 3 credit points, ETH Zürich, Switzerland.
The students very well received my teaching performance: for example, the general student satisfaction ranks 4 to 4.5, whereas my dedication in lecturing gets a score beyond 4.5 out of 4.8 (out of 5 being the highest possible score).
2017 – Teaching Professor – 376-0302-00L Practicing Translational Science, 8 x 2h per semester, ETH Zürich, Switzerland.
2017 - 376-0006-02L Laboratory Course in Molecular Biology, ETH Zürich, Switzerland.
2014 – 2016 Teaching Assistant – Genetics (390qc), Nanocourse, 8h, Harvard Medical School, USA.
2015 – 2016 Teaching Volunteer – Educating children, 11 x 3h, Department of Early Education and Care, Corner Coop School, Boston, USA.
2006 – 2007 Teaching Assistant – Genetics (Bio20600), 14 x 1h, City University of New York, USA.
2006 – 2007 Teaching Assistant – Biology (Bio101), 14 x 4h, City University of New York, USA.

- **TEACHING EDUCATION**

2017 “Teaching at ETH for Assistant Professors: Committed and skilled" course DOZ 2017.1,
ETH Zürich/ Switzerland

2013 Certificate for Mini Symposia/ Academy Center for Teaching and Learning
Harvard Medical School, USA

- **TRANSLATIONAL MEDICINE EDUCATION**

2022 Certified Good Clinical Practice GCP 1-3 (Modul 1&2 Principal Investigator, Modul 3 Sponsor; Swissethics accredited), University of Zürich

2021 Continuing Medical Education (CME) Certified “Longevity Medicine for physicians (101, 201)”. DeepLongevity. Medical Society of Delaware

2018 Labortierkunde (animal experimentation license, mice and rats) LTK1-2

2015 DRC induced Pluripotent Stem Cell Core Certificate, Joslin Diabetes Center, Harvard Medical School.

- **ENTREPRENEURSHIP EDUCATION**

2022 Certificate Bootcamp1: Entrepreneurship 101. MITx

2022 Ten simple rules for building a successful science start-up.
DOI: 10.1371/journal.pcbi.1009982

2006-2007 New York Academy of Sciences Entrepreneurship course

- **ORGANIZATION OF SCIENTIFIC MEETINGS**

2022 Annual Meeting of the German Society for Aging Research. Organizing Committee.

2019 Scientific Program Committee for the 22nd International *C. elegans* Conference June 20-24, ca. 3000 participants, International Meeting, University of California, Los Angeles, USA.

2019 Organizer of the Annual Meeting of the Swiss Society for Matrix Biology, 40 participants, 2 keynote speakers, Bern, Switzerland.

2018 Mentor of the Pre-Conference Young Investigator Session (March 21-22nd), 12 talks, 26 participants, Poster judge, Young Investigator Jury for competition in the main meeting, Joint Annual Meeting of the German and Swiss Society for Matrix, Stuttgart, Germany.

2018 Co-Organizer of the Joint Annual Meeting of the German and Swiss Society for Matrix Biology, March 22-24th), 92 participants, 6 keynote speakers, Stuttgart, Germany.

2017 Organizer of the Annual Meeting of the Swiss Society for Matrix Biology, 37 participants, 2 keynote speakers, Bern, Switzerland.

2017 Session Chair for the Aging and Longevity Session, Genetics of America 21st *C. elegans*
ca. 3000 participants, International Meeting, University of California, Los Angeles, USA.

- **INSTITUTIONAL RESPONSIBILITIES**

2017 – Deputy Biosafety Officer for Schwerzenbach Building, ETH Zürich/ Switzerland.

2016 – Faculty member, Department of Health Sciences and Technology, ETH Zürich/ Switzerland.

2016 – Faculty member and evaluator of the Molecular Life Sciences Ph.D. program of the UZH/ETH Life Science Zurich Graduate School, Switzerland.

- **COMMISSIONS OF TRUST**

2022- Guest Editor American Journal of Physiology Cell. The Extracellular Matrix and its Derived Effector Molecules in Aging: Regulators and Therapeutic Targets

2017 – **Editorial Board:** *Frontiers in Aging, Intervention in Aging,* Associate Editor (link), *Journal of Aging Studies and Therapies*, USA. (link), *Cellular Signalling* (ISSN: 0898-6568, link), *Gerontology* (ISSN: 0304-324X, link)

2014 – **Reviewer** for *Nature Communications, eLife, PNAS, Cell Reports, PLOS Genetics (link), EMBO Reports, Genetics (link), Scientific Reports, Aging Cell (link), Experimental Gerontology (link), Molecular Metabolism, Journal of Gerontology: Biological Sciences, Redox Biology, Plos One, Bio-protocol, JoVE*, *PeerJ, Molecules, Cancers*.

2015 – Evaluator for Swiss National Science Foundation, Swiss Cancer League Research Foundation, German-Israeli Foundation for Scientific Research and Development, and ETH Research Foundation.

- **MEMBERSHIPS IN SCIENTIFIC SOCIETIES**

2023- World.Minds (https://www.worldminds.org)
2022- ETH Entrepreneur Club
2022- Harvard Club of Switzerland
2021- On-Deck Longevity Biotech Fellowship (**Mentor**) https://www.beondeck.com/longevity-biotech/
2020- Deutsche Gesellschaft für Alternsforschung (DGfA) (**Vice-President**) http://alternsforschung.org
2019- The StressNetwork.ch (www.stressnetwork.ch)
2017- The Swiss Society for Aging Research (**President & Founder**) www.ssfar.ch
2017- The International Society for Matrix Biology
2017- The German Society for Matrix Biology
2017- The Swiss-American Society
2016- The Swiss Society for Matrix Biology (**Vice-President**) www.ssmb.ch
2016- The GENiE Network Europe (Young Investigator)
2016 – 2023 The Molecular Life Science Graduate School Zürich (UZH and ETH)
2016 The German Society for Aging Research
2016 – 2023 The Federation of European Neuroscience Societies
2013 – 2016 Gerontological Society of America
2006 – 2023 Genetics Society of America
2011 – 2012 Society for Neuroscience
2006 – 2012 New York Academy of Sciences

RESEARCH SUPPORT

Total 3rd Party funds raised (2016-2022): CHF 3’514’767

On-going Grants

Completed

PP00P3_190072 Collin Y. Ewald (PI) CHF 800’000
08/01/20-07/31/22

CHF 132’483

08/01/22-07/31/23
Swiss National Science Foundation Professorship
Protein homeostasis of extracellular proteins during aging [link]
Role: Group Leader

SNF open access / Chronoshub (Publication fee) CHF 43’334 2016-22

PP00P3_163898 Collin Y. Ewald (PI) CHF 1’600’558
06/01/16-5/31/20
Swiss National Science Foundation Professorship
The role of extracellular matrix enhancement in promoting healthy aging [link]
Role: Group Leader

ETH-30 16-2 Collin Y. Ewald (PI) CHF 231’400 09/01/17-8/31/20
ETH Research Grant
Identifying novel strategies to promote healthy ageing via preferential translation of ATF-5
Role: Group Leader

46295 Collin Y. Ewald (PI) CHF 100’000 09/01/17-8/31/18
Dr. Wilhelm Hurka Stiftung
Establishing transgenic model organisms to investigate novel strategies that prevent spreading and extracellular protein aggregation associated with Parkinson’s-, Alzheimer’s-, and other neurodegenerative diseases
Role: Group Leader

12267 Collin Y. Ewald (PI) CHF 38’649 12/20/16
ETH Equipment Grant
Role: Group Leader

16C225 Collin Y. Ewald (PI) CHF 60’000 12/15/16-12/1/18
Novartis Foundation for medical-biological Research
Role: Group Leader

P300P3_154633 Collin Y. Ewald (PI) CHF 108’695 08/01/14-1/31/16
Swiss National Science Foundation
Novel mechanisms of longevity assurance revealed by insulin/IGF-1 signaling (link)
Role: Postdoctoral fellow (Advanced Postdoc.Mobility)
13166 Collin Y. Ewald (PI) $52’190 07/01/13-6/30/14

Ellison Medical Foundation/ American Federation for Aging Research (AFAR)
The impact on aging of preferential translation of ATF-5 (link)
Role: Postdoctoral fellow
PBSKP3_140135 Collin Y. Ewald (PI) CHF 87’120 01/01/12-6/30/13

Swiss National Science Foundation
Impact of the transcription factor SKN-1 on the unfolded protein response to protect against oxidative stress in *C. elegans.* (link)
Role: Postdoctoral fellow (Fellowships for prospective researchers)

EARLY ACHIEVEMENTS AND TRACK RECORD

I am a curiosity-driven scientist and entrepreneur with expertise in genetics and molecular biology, and experience in drug discovery and elucidating disease mechanisms. Extensive

experience in building and leading a research lab. Demonstrated track record of innovative systems biological approaches using omics data of humans to elucidate targets and mechanisms in model organisms combined with *in-vivo* high throughput screens to identify drug candidates and artificial intelligence to drive therapeutic discovery and translational medicine. Developed techniques and methods (CRISPR activation, AID-RNAi, and acoustophoretic microfluidics) to address unmet needs. Successfully co-founded a startup company, spinning out novel IP out of the lab, shortening time to market, and accelerating product launch. Pioneered a new avenue for targeting the extracellular matrix (mechanotransduction) to promote health during aging, coined the term matreotype, and spearheaded a worldwide-recognized research program on healthy longevity (Wikipedia). A passionate lifelong learner, science educator, and public speaker.

My laboratory studies mechanisms that promote extracellular matrix (ECM) homeostasis and longevity. We unravel the basic principles using *C. elegans* and mice as a multicellular/tissue *in-vivo* and non-invasive model for ECM turnover and dynamics during aging. We then use human cell culture and mouse models to translate the initial findings. Our research uncovered a novel mechanotransductive mechanism (hemidesmosome-YAP1 signaling) for the importance of healthy lifespan extension. Strikingly, mutations in hemidesmosomes lead to severe skin fragility and a clinical need for novel treatments. Our current efforts center around providing new mechanistic targets for novel treatments for these patients, which, if clinical trials are successful, could be applied to the elderly, promoting health during old age.

To be at the forefront, integrate, and interconnect the two research fields of aging and matrix biology, I am the **founder** and the **president** of the Swiss Society for Aging Research (www.ssfar.ch), vice-president of the German Society for Aging Research (www.alternsforschung.org), and I also re-established the Swiss Society for Matrix Biology (www.ssmb.ch), where I serve as vice-president. I have received multiple awards, including the DeLill Nasser Award, the Ellison Medical Foundation and American Federation for Aging Research Fellowship, and the Swiss National Science Foundation professorship.

PRESENTATIONS

International Invited Talks *(**Summary highlights: 5 keynote talks**)*

Do longevity interventions repair age-related collagen crosslinking? 08/2023
10th Aging Research and Drug Discovery (ARDD 2023), Copenhagen, Denmark.

Longevity and Extracellular Matrix: friend or foe? 08/2023
Longevity Science Day, Bumrungrad Hospital, Bangkok, Thailand

Keynote speaker: Extracellular matrix homeostasis and healthy longevity: 06/2023
Mechanistic insights, translational, and medical opportunities.
Fifth annual meeting of 'The Dutch Society for Research on Ageing'
at University Medical Center Groningen (UMCG), The Netherlands.

Extracellular matrix homeostasis and healthy longevity: Mechanistic insights, 05/2023
translational, and medical opportunities. Sheba Longevity Conference, Tel Aviv, Israel

Extracellular matrix homeostasis, collagen crosslinking, and longevity (Link to the talk) 04/2023
Foresight Institute Longevity Workshop 2023, San Francisco, USA.

Keynote speaker: Unlocking the molecular secrets of healthy aging 02/2023
SCC Conference, Davos, Switzerland

What will be the challenges and improvements in society with healthy life extension? 10/2022
International Conference Healthy Masters, Porto, Portugal

Extracellular matrix homeostasis and healthy longevity: Mechanistic insights, 10/2022
translational, and medical opportunities. [Link, youtube] Foresight Institute, Biotech & Health Extension Group sponsored by 100 Plus Capital

Keynote speaker: Global Aging and Longevity Industry 10/2022
Open Innovation in Life Sciences (OILS) 2022 conference

Matreotype as an emerging prognostic marker for Geroncology 09/2022
2022 Shanghai-Switzerland International Geriatric Gastrointestinal Tumor Summit

Longevity interventions require proper mechanotransduction from muscular 09/2022
basement membrane across tissues via integrin, hemidesmosomes, and YAP1

Molecular mechanisms of muscle growth and wasting in health and disease 2022
Mechanotransduction Coordinates Inter-Tissue Extracellular Matrix Protein Homeostasis Promoting Longevity in *C. elegans*. *European Worm Meeting 2022* 07/2022
Mechanotransduction Coordinates Inter-Tissue Extracellular Matrix Protein Homeostasis Promoting Longevity in *C. elegans*. *Annual Meeting of the German Association for Aging Research 2022* 06/2022
Longevity Investors Lunch in Davos, a satellite event of the health forum at ***World Economic Forum*** *(WEF)* speaker: Collin Ewald about "New megatrends in Technology and Science for Healthy Longevity" 05/2022
Longevity - what you can do today for your personal longevity and why this is a great investment opportunity. *Startup Days 22*, Bern, Switzerland 05/2022
Panel discussion: Why is Healthy Life Extension so important for humanity? *Healthy Masters International Conference* [link] 05/2022
Panel discussion: Human Healthy Longevity *Healthy Masters International Conference* [link] 11/2021
ATF-4 and hydrogen sulfide signalling mediate longevity from inhibition of translation or mTORC1 *Groningen-Jena Aging Meeting 2021* 10/2021
Longevity Supplements and startups *Longevity Investor Conference 2021* 09/2021
Extracellular matrix remodeling during longevity *8th Aging Research and Drug Discovery (ARDD) Meeting* (Eurekalert) 09/2021
End-of-life targeted auxin-mediated degradation of DAF-2 Insulin/IGF-1 receptor promotes longevity free from growth-related pathologies *23rd International C. elegans Conference, Genetics Society of America* 06/2021
The mechanisms of aging and longevity *Mibelle Biochemistry Symposium* 06/2021
mTOR longevity via integrated stress response and hydrogen sulphide signaling *7th Annual Aging and Drug Discovery Forum, New York (Virtual)* 09/2020
Transcriptomic signature of longevity in *C. elegans* and mice *5th Annual Aging and Drug Discovery Forum*, Basel Life 09/2018
Conference publication: Aging and drug discovery DOI:10.18632/aging.101646
Transcriptomic signature of longevity in *C. elegans* *2018 CIG Symposium*, University of Lausanne 06/2018
Investigating the *C. elegans* matrisome during aging *Joint Annual Meeting of the German and Swiss Society for Matrix, Stuttgart*, Germany. 03/2018
Preferential translation of ATF-5 mediates *Caenorhabditis elegans* lifespan extension from reduced protein synthesis. *Annual Meeting of the German Foundation for Aging Research*, Cologne, Germany. 12/2017
Keynote speaker: Molecular mechanisms of healthy aging *EMPA meeting*, Basel, Switzerland. 10/2017
Preferential translation of ATF-5 mediates *Caenorhabditis elegans* lifespan extension from reduced protein synthesis. *2nd Molecular Biology of Ageing Meeting*, Groningen, The Netherlands. 10/2017
NADPH oxidase-mediated redox signaling promotes oxidative stress resistance and longevity through *memo-1* in *C. elegans*. ***EMBO*** *Thiol oxidation on toxicity and signalling,* Spain. 09/2017
Prolonged extracellular matrix homeostasis is essential for healthy aging ***Gordon Research Conference*** Collagen, New London, NH, USA. 07/2017
Keynote speaker: Anti-Aging Theorien, Konzepte, und molekulare Strategien zur Entstandhaltung der Kollagene. *Forum Cosmeticum 2017*, Basel, Switzerland. 05/2017
Prolonged extracellular matrix homeostasis is essential for healthy aging *European Research Institute for the Biology of Aging*, Groningen, The Netherlands. 05/2017
Prolonged extracellular matrix homeostasis is essential for healthy aging 03/2017

Annual Meeting of the German Society for Matrix Biology, Cologne, Germany.
Reduced Insulin/IGF-1-Signalling Implicates Extracellular Matrix Remodelling In Longevity. *2nd MBE (Matrix Biology Europe) Conference*, Athens, Greece. 06/2016
Reduced Insulin/IGF-1-Signalling Implicates Extracellular Matrix Remodelling In Longevity. 2nd Cologne Ageing Conference, Germany. 04/2016
Importance of Extracellular Matrix Remodeling for Longevity and Oxidative Stress Resistance in *C. elegans.* Oxidative Stress & Disease, ***Gordon Research Conference***, Ventura, California, USA. 03/2015
Dauer-independent Insulin/IGF-1 signaling implicates collagens in longevity. Aging-Pushing the Limits of Cellular Quality Control (A5), ***Keystone Symposia,*** Steamboat Springs, Colorado, USA. 01/2014
Genetic interactions between *apl-1*, a gene encoding an amyloid precursor-related protein, and *daf-16*, a regulator of lifespan. 06/2009
17th International C. elegans meeting, UCLA, Los Angeles, California, USA.

AWARDS AND HONORS

First Prize for ACKnowledge WormBase community 06/2023
Named under the 359 Personalities of Longevity Leaders [link, link] 02/2022
In the top 0.5% of the worldwide longevity experts [link] (expertscape.com) 09/2021
Longevity Hackathon (Mentor) [link] 09/2021
Named under the “1000 Longevity Leaders” by Aging Analytics Agency [link] 09/2020
Named under the “15 Longevity Influencers in Switzerland” by Aging Analytics Agency [link] 09/2019
Alumni Spotlight Graduate Center of the City University of New York [link] 11/2018
ERC-2018-STG evaluation score ‘A’, interviewed, but not funded 07/2018
Outstanding Contribution in Reviewing for Experimental Gerontology [link] 04/2018
Who is Who in Medical Research: [link] 2017
A compendium of Hochschulmedizin Zurich (1st edition 2017 and 2nd edition 2019)
Nomination for the 2016 Dick Heinegard European Young Investigator Award 06/2016
Featured Contributor for LIFEmag.org (researched life extension coverage [link]) 10/2015
Genetics Society of America (GSA)’s **DeLill Nasser Award** for Professional Development in Genetics [link] 01/2015
Aging & Diabetes / AFAR Funded [link] 01/2014
Swiss Spotlight Scientist of November 2012, Science-USA (Boston) [link] 11/2012
Honoree Mentioning at the 27th Annual Joslin Diabetes Center Marble Banquet (**Harvard Club**) 05/2012
Competitive CUNY Research Grant for Doctoral Students 01/2010
Sue Rosenberg Zalk Travel & Research Fund for the traveling and presenting at the International *C. elegans* meeting 06/2009
Doctoral Student Council travel award for the Northeast Regional Meeting of the Society of Developmental Biology 05/2009
Sue Rosenberg Zalk Travel & Research Fund for the traveling and presenting at European *C. elegans* Meeting 2008 in Spain. 06/2008
Award for poster presentation: How worms can provide insights into Alzheimer's disease The Graduate Student Symposium at the City College of New York. 03/2008
CCNY GSC 2008 Graduate Student **Award for best progress and productivity** in the Neuroscience research program of the City University of New York 02/2008
NYAS Future Entrepreneur recognized by the New York Academy of Sciences 03/2007
Competitive CUNY Research Grant for Doctoral Students 01/2007
Honor student award, Eldorado High School, Las Vegas, USA 06/1999

NEWS MEDIA INTERVIEWS

Für immer jung? Wie wir besser länger leben. SRF Puls (Link) 21.08.2023

Molekularbiologie-Professor Collin Ewald | «ZwägHochZwei» | Blick.ch 20.06.2023
Experten-Interview zu Folge 3 (YouTube Link)
Prof. Dr. Collin Ewald | Länger gesund leben und das Altern verlangsamen 23.05.2023
LPCF #30 Limitless Power Podcast (YouTube Link)
Extracellular Matrix, Machine Learning, & Longevity Research- Collin Ewald- 16.05.2023
Learning with Lowell 185 (YouTube Link)
ALTERN: DA STECKT DER WURM DRIN!, Interview by Dr. Andrin Wacker 27.02.2023
ANG FOKUS 2/2022 (link Magazine, p.62), (Spotify Podcast link)
This was 2022 - A Year in Review. Interview by Christian Soschner 20.12.2022
https://youtu.be/1qBqwUV-1-A?t=8869
An interview Asst Prof. Collin Ewald on 'End-of-life targeted auxin-mediated 26.08.2022
degradation of DAF-2 Insulin/IGF-1 receptor promotes longevity free from
growth-related pathologies'. Researcher APP https://www.researcher-app.com/paper/12541451
Extracellular Matrix in Aging with Professor Collin Ewald by Stephen Rose 04.07.2022
https://www.lifespan.io/news/extracellular-matrix-in-aging-with-professor-collin-ewald/
Galaxus Hintergrund, Sport, Gesundheit. Collin Ewald interviewed by Patrick Bardelli 12.05.2022
Kann man das Altern verlangsamen? Fadenwürmer im Fokus der Altersforschung.
Labor Journal: Nur nicht bescheiden sein 12.05.2022
Wer als Forscher mit einem Start-up erfolgreich sein will, muss einiges beachten.
Life Science Get2Gether LSG2G by ChristianSoschner 26.02.2022
Episode #69: Prof. Collin Ewald - Molecular Mechanisms of Healthy Ageing
eLife The Naked Scientists Interviewed by @DrChrisSmith. Episode 78. 01/2022
Age is just a number. Flipping a genetic switch, even at old age, can rejuvenate elderly worms.
Live Longer World interview: Dr. Collin Ewald 18.01.2022
Collagen Protein & Extracellular Matrix During Aging.
Longevity Technology (#Innovation): Increased lifespan? Make mine a double! 29.10.2021
Mindset 2021: Bernegger, Marc P.; Gushchina, Julia; Branford, Jason; Rochel, Johan. 30.09.2021
Mentioning Ewald Lab at 34min 29sec.
Clubhouse The Longevity Biotech Show: Maximon: the Longevity Company Builder 08.04.2021
Echo der Zeit @SRF2 «Covidisierung» der Forschung verzögert andere Projekte 10.01.2021
Sonntags Zeitung Tagesanzeiger: Gesundes Altern - Fit wie Joe Biden 28.11.2020
by Alexandra Bröhm
BR Fernsehen Gut zu wissen | Wissensmagazin and Arte, Wissenschaft, Xenius: 21.03.2020
Altersforschung und Anti-Aging Interview mit Prof. Dr. Collin Ewald
Ein Altersforscher in Zürich erprobt am Fadenwurm, welche Gene unsere Zellen altern
lassen und was Anti-Aging-Medikamente bewirken.
IdeaXme Longevity and Aging: Interviewed by Ira Pastor 10.09.2019
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