Organizations and Longevity Funds Advancing Aging Interventions in Humans Following Their Progress

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https://www.AgingInterventionFoundation.org
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https://www.AgingIntervention Foundation.org/OrganizationsFollowProgress.pdf

Last updated July 4, 2021
Often updated. You may not have the current version. Check frequently for updates.

Disclaimer: I do not know many of the people involved with these companies. I do not necessarily endorse many of them. This is just a list provided as a service.

Please contact me with information on organizations you know of that are making advances in aging interventions in humans.

Aging Intervention Foundation

https://www.AgingInterventionFoundation.org
https://www.aginginterventionfoundation.org/AgingInterventionProgram.pdf

Some references, lists, directories
http://whoswho.senescence.info/companies.php
http://agingbiotech.info/companies/
https://docs.google.com/spreadsheets/d/1mnR3uA2pBoT0aUegmoo5yVcLDad0ESlWrXl9_pXvDsg/edit#gid=0
https://www.aginganalytics.com/
https://mindmaps.dka.global/
https://www.aginganalytics.com/top-30-longevity-conferences
https://www.fightaging.org/archives/2020/01/notes-on-the-sens-research-foundation-pitch-day-january-2020/
https://www.researchgate.net/publication/315836059_Longevity_Organizational_Report
https://www.scribd.com/document/371542878/Longevity-Organizational-Report-4-3-17

List of Longevity Clinical Trials as of Sept 2019 - List starts in the 8th paragraph.
https://www.worldhealth.net/news/current-state-longevity-clinical-trials

Age Reversal Network
https://www.age-reversal.net

Turn Biotechnologies
www.turn.bio
An informed member of our community commented: I foresee using the Oisín treatment for clearing away the senescent cell junk, followed by the Turn treatment for reprogramming the remaining aging cells to a younger state as the realistic path to achieving the real rejuvenation of aging humans (like me).
Oisin Biotechnologies

www.oisinbio.com

James Peyer Founder – he's committed to solving aging
https://www.linkedin.com/in/jamespeyer/
Cambrian
https://www.cambrianbio.com/

Open Longevity
http://eng.openlongevity.org/
Initiatives:
Open Genes
https://open-genes.com/
https://open-genes.com/about
Analytics
https://openlongevity.org/aging_diagnostics_analysis
Has other useful links

GENE EDITING / GENE THERAPY
Intellia Therapeutics
https://www.intelliatx.com/

Editas Medicine
https://www.editasmedicine.com/

Rejuvenate Bio
Prof. George Church
www.rejuvenatebio.com

Dyno Therapeutics
https://www.dynotx.com/
Dyno Therapeutics is pioneering an artificial intelligence (AI) powered approach to gene therapy.

Genflow Biosciences, Eric Leire
https://genflowbio.com/
SIRT6 gene therapy

Juan Carlos Izpisúa Belmonte
Gene Expression Laboratory at San Diego's Salk Institute for Biological Studies
https://www.technologyreview.com/s/614074/scientist-fountain-of-youth-epigenome
reset the body's so-called epigenetic marks

New Gene Therapy Could Slow Aging in Humans
Dr Pradeep Reddy, research scientist, Salk Institute for Biological Studies
Pradeep Reddy GEL-B STAFF RESEARCHER (858) 453-4100 xt 1324 preddy@salk.edu

https://www.nextavenue.org/new-gene-therapy-slow-aging-humans/

CRISPR-based 'allelic drive' allows genetic editing with selective precision and broad implications
https://www.sciencedaily.com/releases/2019/04/190409172038.htm
Ethan Bier, the new paper's senior author. https://profiles.ucsd.edu/ethan.bier
http://biology.ucsd.edu/research/faculty/ebier
Annabel Guichard, the paper's first author https://profiles.ucsd.edu/annabel.guichard
Bier Lab, UC San Diego http://bierlab.weebly.com/

Aaron King
https://www.researchgate.net/publication/350458601_The_Current_State_Of_The_Pursuit_Of_Biological_Immortality_2018_uploaded_in_2021

Organizations – very useful, even though hasn't been updated in a while
https://www.researchgate.net/publication/315836059_Longevity_Organizational_Report

Gordian Bio
https://www.gordian.bio/

Maximon empowers entrepreneurs to build impactful, science-based and scalable companies providing healthy aging and rejuvenation solutions.
https://www.maximon.com/

CohBar - developing mitochondria-based therapeutics
https://www.cohbar.com/
https://www.longevity.technology/its-time-to-sit-up-and-take-notice-of-mitochondria/

Cellvie - Therapeutic Mitochondria Transfer (TMT)
https://www.cellvie.bio/

Mitrix
"Whole-body mitochondrial transfusion" start-up lands funding
Mitrix wants to create biobanks of our "young mitochondria" that we can use to help our cells regenerate as we age.
https://www.longevity.technology/whole-body-mitochondrial-transfusion-start-up-lands-funding
https://mitrix.bio/

RLE Group
Alexander Fedintsev
https://rlegroup.net/

Longevity Market Cap – publicly traded longevity companies
https://longevitymarketcap.com/

Companies developing mitochondrial therapies
https://sub.longevitymarketcap.com/p/022-mitochondria-longevity-companies

Longevity InTime
https://intime.digital/en/about/

Heales
https://heales.org/

American College of Regenerative Medicine
https://acrmhq.com/

Live Forever Club
https://liveforever.club/

Senisca
https://www.senisca.com/

GenFlow BioSciences Oliver Zolman MD Eric Leire MD MBA
https://genflowbio.com/

Base Genomics
Analysing DNA methylation
also developing an enzyme that is highly linked to ageing and has been shown to reverse ageing.
https://www.basegenomics.com/

ThirdLaw
Artificial immune system
https://www.longevity.technology/building-an-artificial-immune-system/

InTime Biotech
The company's objective is in predicting & preventing severe diseases by instant distant real time monitoring of 400+ essential health parameters.
https://intime.digital/en/about/

Atlas Biomed
https://atlasbiomed.com/uk

Academy for Health and Lifespan Research
https://www.ahlresearch.org/

Center for Microbiome Innovation
University of California, San Diego (UCSD)
https://cmi.ucsd.edu/

BioViva Science

https://bioviva-science.com
Biomarkers
https://mailchi.mp/bioviva-science/forget-genetic-tests-heres-time-keeper

Eugene Baranov PhD's organization and research

Forever Healthy Foundation
Rejuvenation Now
https://forever-healthy.org/en/initiatives/rejuvenation-now/
Maximizing Health
https://brain.forever-healthy.org/display/EN/Maximizing+Health

Longevity.Technology
https://www.longevity.technology/

Healthy Lifespan Institute
https://www.sheffield.ac.uk/healthy-lifespan

Qbio
https://q.bio/

Oliver Zolman
www.oliverzolman.com

Oksana Andreiuk
www.canadianbiohacker.com

Testing services
www.myDNAge.com
https://opencures.org/
Bioviva Science https://mailchi.mp/bioviva-science/forget-genetic-tests-heres-time-keeper
GenoPalate
Viome
https://yourdna.com/
Age Curve
https://www.agecurve.co.uk/
Also they are now working on a so-called targeted proteomics assay that can be quickly developed to measure specific proteins, up to several hundreds at a time to target components of the human holobiome specific to COVID-19 infection

Others to be added

Southern California Longevity Association
https://www.meetup.com/San-Diego-Longevity-Meetup

The Health and Life Extension Movement
https://www.meetup.com/The-Health-and-Life-Extension-Movement/

Senescence Life Sciences
https://www.senescence.life/

Bioquark
https://www.bioquark.com/

Include-Everyone.org
Health and Life Extension For Everyone
http://include-everyone.org/

Longevity meetup
https://www.meetup.com/Longevity-Meetup/events/268220082/

Five European startups (as of 1/2/2020)
https://www.eu-startups.com/2019/12/want-to-live-longer-5-european-startups-extending-our-lifespans

Cytosurge claims to be able to make CRISPR "better and faster than anybody else on single cell level"
https://www.cytosurge.com/

Nugenics Research Pvt, Ltd
Harold Katcher PhD, Akshay Sanghvi PhD

XOstem
John Sanderson MD
http://xostem.org/

Peter Attia MD
https://peterattiamd.com

Viome
https://www.viome.com/
https://www.viome.com/our-science
https://www.viome.com/mystory

Klotho Therapeutics Inc
www.Klotho.com

Klogene Therapeutics
http://www.klogene.com

SENS Research Foundation
https://www.sens.org

Methuseleh Foundation
https://www.mfoundation.org/
Methuseleh Fund Portfolio Companies
https://www.methuselahfund.com/

Glenn Foundation for Medical Research
https://glennfoundation.org

OpenOme
Kevin Perrott
www.OpenOme.com

Unity Biotechnology
www.unitybiotechnology.com

Insilico Medicine
www.insilico.com

AgeX Therapeutics
www.agexinc.com

Calico Labs (Google/Alphabet)
www.calicolabs.com

CellAge
www.cellage.org

Trans NIH Geroscience Special Interest Group
https://www.nia.nih.gov/gsig

Alkahest
Prof. Tony Wyss-Coray
www.alkahest.com

Organovo
www.organovo.com

Juvenescence
www.juvenescence.ltd

BHB Therapeutics
Profile here (near the bottom): https://juvenescence.ltd/pipeline/

Autodigestion -- digestive enzymes escape the gastrointestinal tract and digest your body resulting in cell and tissue loss/organ shrinkage so loss of function
Center for Autodigestion Research
Geert W. Schmid-Schonbein, Ph.D.
https://microcirculation.eng.ucsd.edu/

Longeveron
Stem cells for aging conditions
www.Longeveron.com

Juvena Therapeutics
https://www.juvenatherapeutics.com/

Aging Analytics Agency
https://www.aginganalytics.com

www.ncbi.nlm.nih.gov/pmc/articles/PMC5847876
Will be offered by NewOmics www.NewOmics.com
Under development– system for
1. better way to evaluate senescent cells, and the before and after effects of senolytic therapies.
2. better senolytic therapy -- apheresis type system to filter senescent cells from blood, then return it to the person

Aging Biotech
http://agingbiotech.info/
Their list of companies
http://agingbiotech.info/companies/

resTORbio -- immune
https://www.restorbio.com/

Senolytic Therapeutics
http://senolytx.com/

Collider Health
https://www.colliderhealth.com/

Age Meter
Elliot Small
https://www.agemeter.com
https://www.lifespan.io/campaigns/agemeter-biomarker-scan/

Repair Biotechnologies
https://www.repairbiotechnologies.com/

Now out of business Arivale
https://www.arivale.com/

Institute for Systems Biology (ISB)
https://systemsbiology.org
https://www.geekwire.com/2019/no-poop-required-researchers-devise-blood-test-gut-microbiome-diversity-using-data-defunct-startup-arivale

Spark Therapeutics
https://sparktx.com

Life Biosciences
www.lifebiosciences.com

Gero
http://gero.bio/
Therapies, biomarkers of aging in blood tests, wearable data and other biological signals.

Legendary Pharmaceuticals
https://www.legendarypharma.com/chartbg.html

Magnitude Biosciences
https://www.magnitudebiosciences.com/

Biogerent India
http://biogeront.com/
https://www.linkedin.com/in/biogeront-india-9b6997184/

SMS Biotech
www.SMSBiotech.com

Academy for Health and Lifespan Research
www.linkedin.com/company/academy-for-health-lifespan-research
www.bostonglobe.com/business/2019/02/11/longevity-scientists-launch-academy-raise-profile-life-extending-research/c0QSLxNOApnyRwKqui0YzO/story.html

Ankasa Regenerative Therapeutics
https://www.google.com/search?q=ankasa+regenerative+therapeutics&rlz=1C1CHBF_enUS723US723&oq=Ankasa+Regenerative+Therapeutics&aqs=chrome.0.0l3.1167j0j7&sourceid=chrome&ie=UTF-8

Correlia Biosystems
www.correliabio.com

University of Exeter
www.sciencedaily.com/releases/2018/08/180807095140.htm

Centagen

Bryant Villeponteau
www.Centagen.com
https://transmedcomms.biomedcentral.com/articles/10.1186/s41231-017-0018-4

Samsara Therapeutics, Inc.
https://www.samsaratherapeutics.com

Ichor Therapeutics
Extending healthspan – contract research – senolytics reserach
www.ichortherapeutics.com

Repair Biotechnologies
www.repairbiotechnologies.com

Autoxerene
www.antoxerene.com

Libella Gene Therapeutics
www.libellagenetherapeutics.com

Stemedica
www.stemedica.com

COR biomarkers
https://www.indiegogo.com/projects/cor-the-gold-standard-health-tracker-fitness#/
https://knowyourcor.com

Cue
simple self service tests
www.cuehealth.com/#product

RocketBody
www.indiegogo.com/projects/rocketbody-ai-fitness-trainer-and-nutritionist-sports-watches
www.cue.me/product

Lab Test Analyzer
www.labtestanalyzer.com

Oura Ring
www.ouraring.com

Chromadex
www.chromadex.com $CDXC

OncoSenX

Leucadia Therapeutics
www.leucadiatx.com

Dr. Michael Fossel
www.telocyte.com

Amazentis
www.amazentis.com

Frequency Therapeutics
www.frequencytx.com

Celularity
https://www.celularity.com/

Palo Alto Prize
www.paloaltoprize.com

Histogen
www.histogeninc.com

Nectome
www.nectome.com

Mitotech
Prof. Vladimir P. Skulachev
www.mitotechpharma.com

Cleara Biotech
Peter de Keizer, PhD
www.clearabiotech.com

Samumed
www.samumed.com

Replicel
www.replicel.com

Longevity Industry Watch List
https://www.linkedin.com/pulse/longevity-industry-watch-list-margaretta-colangelo

Epigenetics companies
https://www.ventureradar.com/keyword/Epigenetics

Many companies https://www.forbes.com/sites/cognitiveworld/2019/05/14/life-3-0-and-biohacking-rewriting-human-life-in-the-digital-age/#59ab4ced6c95

Comprehensive list and info -- Business of Longevity report:
http://data.longevity.international/data/pdf/Infographic-Summary-Longevity-Industry-Analytical-Report.pdf
http://longevity.international/longevity-industry-landscape-overview-volume-2

Longevity Investment Funds

Master Investor Network
https://masterinvestor.co.uk/

Longevity Leaders World Congress
https://www.lsxleaders.com/longevity-leaders-congress

Undoing Aging
https://www.undoing-aging.org/

Longevity Investment Network
https://www.leafscience.org/longevity-investor-network/

Deep Knowledge Ventures
https://www.dkv.global/

Jim Mellon
Funded Juvenescence
https://juvenescence.ltd/

The Longevity Fund
https://www.longevity.vc/

Longevity Vision Fund
https://lvf.vc/

Axon Capital Partners
Bruce Barclay
http://axon-cp.com/

Jim Plante
https://www.linkedin.com/in/jimplante/

https://www.kronos.vc/
James Payer PhD
https://www.linkedin.com/in/jamespeyer/

Janus Henderson

https://www.janushenderson.com/en-us/advisor/etfs/invest-longevity/

Crowdfunding for the cure of aging
Lifespan.io
https://www.lifespan.io/

https://foresight.org/event/biotech-investing-in-longevity/
https://indiebio.co/

From Diamandis Tech Blog / Health Nucleus newsletter 2/19/2019

Nanobots & Nanonetworks

While wearables have long been able to track and transmit our steps, heart rate and other health data, smart nanobots and ingestible sensors will soon be able to monitor countless new parameters and even help diagnose disease.

Some of the most exciting breakthroughs in smart nanotechnology from the past year include:

- Researchers from the École polytechnique fédérale de Lausanne (EPFL) and the Swiss Federal Institute of Technology in Zurich (ETH Zurich) demonstrated artificial microrobots that can swim and navigate through different fluids, independent of additional sensors, electronics or power transmission.
- Researchers at the University of Chicago proposed specific arrangements of DNA-based molecular logic gates to capture the information contained in the temporal portion of our cells' communication mechanisms. Accessing the otherwise-lost time-dependent information of these cellular signals is akin to knowing the tune of a song, rather than solely the lyrics.
- MIT researchers built micron-scale robots able to sense, record, and store information about their environment. These tiny robots, about 100 micrometers in diameter (approximately the size of a human egg cell), can also carry out preprogrammed computational tasks.
- Engineers at University of California, San Diego developed ultrasound-powered nanorobots that swim efficiently through your blood, removing harmful bacteria and the toxins they produce.

But it doesn't stop there.

As nanosensor and nanonetworking capabilities develop, these tiny bots may soon communicate *with each other*, enabling the targeted delivery of drugs and autonomous corrective action.