

Telomere Clinical Trials List
Searching from ClinicalTrials.gov

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
1	NCT04577560	Telomere Length in Human Polar Body and Telomere Length in Cumulus Cells: A Clinical Validation Study <div>Study Documents:</div>	Title Acronym: Other Ids: 2006-ABU-007-AA	Recruiting	•Telomere Length	• Genetic: First polar body biopsy in MII oocytes • Genetic: PGT-A blastocyst	Study Type: Interventional Phase: Not Applicable Study Design: •Allocation: Non-Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label) • Primary Purpose: Diagnostic Outcome Measures: •telomere length (TL) of the first Polar body (PB) and TL in Cumulus cells (CC) •To correlate TL between both polar bodies •To correlate TL in male WBC and TL in sperm •To correlate TL in female WBC and TL in CC •To evaluate a possible correlation between TL-CC and TL-TE •To evaluate a possible correlation between TL-CC and ploidy TE •To evaluate telomerase activity (TA) in CC and a possible correlation with CC-TL •To evaluate FSH/LH gene expression in CC •To evaluate a possible correlation between ploidy in PBs and ploidy in TE biopsy • PB biopsy and embryo development •To evaluate TL in sperm + TL-PB and TL in TE	Enrollment: 10 Age: 18 Years to 43 Years (Adult) Sex: Female	•ART Fertility Clinics LLC	•Other	Study Start: June 6, 2021 Primary Completion: December 1, 2021 Study Completion: January 1, 2022 First Posted: October 8, 2020 Results First Posted: No Results Posted Last Update Posted: June 9, 2021	•ART Fertility Clinics, Abu Dhabi, United Arab Emirates

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2	NCT04048044	EFFECTS OF RejuvaMatrix™ ON TELOMERES	Title Acronym:	Completed	•Telomeres	•Device: Exposure to GHz electromagnetic energy (RejuvaMatrix)	Study Type: Interventional	Enrollment: 50	•Holos Institutes of Health, Inc	•Other	Study Start: January 2009	
		Study Documents:	Other Ids: HIH RM				Phase: Phase 1	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: December 2014	
							Study Design: •Allocation: Non-Randomized	Sex: All			Study Completion: December 2014	
							•Intervention Model: Single Group Assignment				First Posted: August 7, 2019	
							•Masking: None (Open Label)				Results First Posted: No Results Posted	
							•Primary Purpose: Supportive Care				Last Update Posted: August 7, 2019	
							Outcome Measures: •Length of telomeres after 5 years compared with baseline					
							•Total Symptom Index					
3	NCT03312400	Low-Dose Danazol for the Treatment of Telomere Related Diseases	Title Acronym:	Recruiting	•Telomere Disease	•Drug: Danazol	Study Type: Interventional	Enrollment: 40	•National Heart, Lung, and Blood Institute (NHLBI)	•NIH	Study Start: February 8, 2018	• National Institutes of Health Clinical Center, Bethesda, Maryland, United States
		Study Documents:	Other Ids: •180004 •18-H-0004				Phase: Phase 2	Age: 3 Years and older (Child, Adult, Older Adult)			Primary Completion: April 29, 2026	
							Study Design: •Allocation: Randomized	Sex: All			Study Completion: April 29, 2026	
							•Intervention Model: Crossover Assignment				First Posted: October 17, 2017	
							•Masking: None (Open Label)				Results First Posted: No Results Posted	
							•Primary Purpose: Treatment				Last Update Posted: December 22, 2021	
							Outcome Measures: •Reduction of telomere attrition rate					
							•Toxicities associated with low dose danazol use					
							•Progression of pulmonary function testing					
							•Progression of fibroscan and transient elastography by ARFI					
							•Hematologic response					

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4	NCT01982890	Telomeres and T-cell Receptor Excision Circles (TRECs) From Peripheral Blood in Normal Subjects Over Time	Title Acronym:	Enrolling by invitation	•Telomere Length in Healthy Controls	•Other: Control	Study Type: Observational	Enrollment: 200	• Université de Sherbrooke •Janssen, LP	•Other •Industry	Study Start: January 4, 2005	• Centre hospitalier universitaire de Sherbrooke, Sherbrooke, Quebec, Canada
		Study Documents:	Other Ids: Telomeres and TREC				Phase:	Age: 18 Years to 85 Years (Adult, Older Adult)			Primary Completion: December 10, 2021	
							Study Design: • Observational Model: Cohort •Time Perspective: Prospective	Sex: All			Study Completion: December 2024	
							Outcome Measures: • Estimation of variability of multiple measures of the length of telomeres over one year •TREC numbers in peripheral blood over time • Estimation of the variability of the measure of length of telomeres with multiple measures over 5 years	First Posted: November 13, 2013				
								Results First Posted: No Results Posted				
	Last Update Posted: September 30, 2021											
5	NCT04104386	Telomere Disclosure and Impact on Psychological Distress and Health Behaviors	Title Acronym:	Completed	•Telomere Length, Mean Leukocyte	•Other: Telomere Disclosure Impact	Study Type: Interventional	Enrollment: 263	• University of California, San Francisco	•Other	Study Start: April 4, 2010	
		Study Documents:	Other Ids: H11640-33841-01				Phase: Not Applicable	Age: 50 Years to 65 Years (Adult, Older Adult)			Primary Completion: November 10, 2011	
							Study Design: •Allocation: Randomized • Intervention Model: Parallel Assignment •Masking: Double (Investigator, Outcomes Assessor) • Primary Purpose: Prevention	Sex: Female			Study Completion: November 15, 2011	
							Outcome Measures: • Change sin Impact of Events Scale •change in health behaviors	First Posted: September 26, 2019				
								Results First Posted: No Results Posted				
	Last Update Posted: September 26, 2019											

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations										
6	NCT02535299	Par-4 and Telomere-telomerase System in Type 2 Diabetes Patients Who Received GLP-1 or Metformin Treatment	Title Acronym: Par-4#GLP-1	Unknown status	• GLP-1#Metformin# Telomere-telomerase System#Par-4	• Drug: Liraglutide • Drug: Metformin	Study Type: Interventional	Enrollment: 200	•Third Military Medical University	•Other	Study Start: June 2016	•Southwest Hospital of the Third Military Medical University, Chongqing, Chongqing, China										
		Study Documents:	Other Ids: GLP-1				Phase: Phase 4	Age: 18 Years to 75 Years (Adult, Older Adult)			Primary Completion: December 2018											
							Study Design: •Allocation: N/A	Sex: All			Study Completion: December 2019											
													• Intervention Model: Single Group Assignment									
													•Masking: None (Open Label)									
							• Primary Purpose: Treatment	Outcome Measures: • physiological parameter:glycosylated hemoglobin A1c • physiological parameter:the concentration of Par-4 • physiological parameter:telomere length • physiological parameter:telomease activity • physiological parameter:TNF-#			First Posted: August 28, 2015											
							Results First Posted: No Results Posted															
													Last Update Posted: September 13, 2016									
							7	NCT03982589			Telomere Length in Relation to Acute Stress Response in Critical Care Patients		Title Acronym:	Completed	•Acute Disease •Telomere Shortening		Study Type: Observational	Enrollment: 40	•Rabin Medical Center	•Other	Study Start: October 1, 2017	• Rabin medical center, Petah Tikva, Israel
											Study Documents:		Other Ids: 0319-11-RMC				Phase:	Age: 18 Years to 75 Years (Adult, Older Adult)			Primary Completion: March 30, 2018	
Study Design: • Observational Model: Cohort	Sex: All	Study Completion: September 30, 2018																				
			•Time Perspective: Prospective																			
			Outcome Measures: •telomere length difference •correlation between mortality and telomere length •correlation between telomere length change and leukocytes count change	First Posted: June 11, 2019																		
Results First Posted: No Results Posted																						
	Last Update Posted: June 25, 2019																					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
8	NCT02299245	Rosuvastatin Effect on Telomere-telomerase System in ACS	Title Acronym:	Unknown status	•Telomere Shortening •Telomere Length, Mean Leukocyte •22q Telomere Deletion Syndrome	• Drug: rosuvastatin	Study Type: Interventional	Enrollment: 400	•Xiao-dong Zhuang •Sun Yat-sen University	•Other	Study Start: October 2014	
		Other Ids: RETAIN Study	Phase: Phase 4				Age: 18 Years and older (Adult, Older Adult)	Primary Completion: July 2016				
		Study Documents:	Study Design: •Allocation: Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label) • Primary Purpose: Treatment				Sex: All	Study Completion: November 2016				
		Outcome Measures: • Change from baseline in telomere length after different dose statin treatment • Change from baseline in telomerase activity after different dose statin treatment • PCI-related myocardial infarction (MI)					First Posted: November 24, 2014					
							Results First Posted: No Results Posted					
							Last Update Posted: July 14, 2015					
9	NCT04807309	PRETELL: PREvention of TELomere-related Complications After Lung Transplant	Title Acronym: PRETELL	Not yet recruiting	•Short Telomere Length • Lung Transplant	• Drug: Danazol Pill • Drug: Placebo	Study Type: Interventional	Enrollment: 30	•Brigham and Women's Hospital	•Other	Study Start: July 31, 2021	
		Other Ids: 2021P000271	Phase: • Phase 1 • Phase 2				Age: 18 Years and older (Adult, Older Adult)	Primary Completion: June 2024				
		Study Documents:	Study Design: •Allocation: Randomized • Intervention Model: Parallel Assignment • Masking: Quadruple (Participant, Care Provider, Investigator, Outcomes Assessor) • Primary Purpose: Prevention				Sex: All	Study Completion: July 2025				
		Outcome Measures: • Number of participants with treatment-related adverse events as assessed by CTCAE v4.0 • Occurrence of WBC <2000/μl • Cumulative number of events where WBC < 2000/μl					First Posted: March 19, 2021					
							Results First Posted: No Results Posted					
							Last Update Posted: March 19, 2021					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
10	NCT04211714	<div><div>Study to Evaluate of EXG34217 in Patients With Telomere Biology Disorders With Bone Marrow Failure</div><div>Study Documents:</div></div>	<div>Title Acronym:</div> <div>Other Ids: EXG-US-01</div>	Recruiting	<div>•Telomere Shortening</div> <div>• Bone Marrow Failure</div>	<div>• Biological: EXG34217</div>	<div>Study Type: Interventional</div> <div>Phase: Phase 1</div> <div>Study Design: •Allocation: N/A</div> <div>• Intervention Model: Sequential Assignment</div> <div>• Masking: None (Open Label)</div> <div>• Primary Purpose: Treatment</div> <div>Outcome Measures: • Number of participants with adverse events -Safety by Incidence of Treatment-Emergent Adverse Events</div> <div>• Number of participants with a change in in physical examination</div> <div>• Number of participants with a change in Electrocardiography (ECG)</div> <div>• Number of participants with a change in clinical laboratory evaluations</div> <div>• Number of participants with a change of Immunogenicity</div> <div>• Number of participants with a change in telomere length</div> <div>• Number of participants with improvement of blood counts.</div>	<div>Enrollment: 12</div> <div>Age: 18 Years and older (Adult, Older Adult)</div> <div>Sex: All</div>	<div>• Elixigen Therapeutics, Inc.</div>	<div>• Industry</div>	<div>Study Start: April 8, 2021</div> <div>Primary Completion: April 8, 2023</div> <div>Study Completion: April 8, 2024</div> <div>First Posted: December 26, 2019</div> <div>Results First Posted: No Results Posted</div> <div>Last Update Posted: April 13, 2021</div>	<div>• Cincinnati Children's Hospital, Cincinnati, Ohio, United States</div>

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
11	NCT04959188	Needs Assessment for Individuals and Families Affected by Dyskeratosis Congenita (DC) and Related Telomere Biology Disorders (TBD)	Title Acronym:	Recruiting	•Dyskeratosis Congenita •Telomere Biology Disorders		Study Type: Observational	Enrollment: 100	• National Cancer Institute (NCI) • National Institutes of Health Clinical Center (CC)	•NIH	Study Start: January 19, 2022	• National Cancer Institute (NCI), Bethesda, Maryland, United States
			Other Ids: • 10000502 •000502-C				Phase:	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: November 4, 2022	
		Study Documents:					Study Design: • Observational Model: Ecologic or Community •Time Perspective: Cross-Sectional	Sex: All			Study Completion: November 4, 2022	
							Outcome Measures: • Needs Assessment • Needs assessment				First Posted: July 13, 2021	
12	NCT01384136	The Telomere System in Cord Blood and in the Placenta in High Risk Pregnancies	Title Acronym:	Unknown status	•Telomere Length •Mechanisms of Telomter Homeostasis •High Risk Pregnancies		Study Type: Observational	Enrollment: 100	•Meir Medical Center	•Other	Study Start: June 2011	• Meir Medical Center, Kfar Saba, Israel
			Other Ids: 036-2011 MMC				Phase:	Age: 18 Years to 45 Years (Adult)			Primary Completion: June 2015	
		Study Documents:					Study Design: • Observational Model: Case-Control •Time Perspective: Cross-Sectional	Sex: Female			Study Completion: June 2015	
							Outcome Measures:				First Posted: June 28, 2011	
											Results First Posted: No Results Posted	
											Last Update Posted: January 14, 2022	

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13	NCT04638517	<div><div>The TELO-SCOPE Study: Attenuating Telomere Attrition With Danazol. Is There Scope to Dramatically Improve Health Outcomes for Adults and Children With Pulmonary Fibrosis</div><div>Study Documents:</div></div>	<div>Title Acronym:</div> <div>Other Ids: TELO-SCOPE</div>	Recruiting	<div>• Pulmonary Fibrosis</div> <div>• Telomere Shortening</div> <div>• Telomere Disease</div> <div>• Dyskeratosis Congenita</div>	<div>• Drug: Danazol</div> <div>• Drug: Placebo</div>	<div>Study Type: Interventional</div> <div>Phase: Phase 2</div> <div>Study Design: • Allocation: Randomized</div> <div>• Intervention Model: Parallel Assignment</div> <div>• Masking: Triple (Participant, Care Provider, Investigator)</div> <div>• Primary Purpose: Treatment</div> <div>Outcome Measures: • Change in absolute telomere length from baseline (base pairs)</div> <div>• Number of participants with treatment-emergent adverse events</div> <div>• Number of Participants With Death or Non-Elective Hospitalisation</div> <div>• Change in telomere length from baseline to 3, 6 and 9 months (base pairs)</div> <div>• Change in forced vital capacity (FVC) at 6 and 12 months</div> <div>• Change in diffusing capacity for carbon monoxide at 6 and 12 months</div> <div>• Change in 6-minute walk distance from baseline</div> <div>• Change in Leicester cough questionnaire (LCQ) from baseline</div> <div>• Change in King's Brief Interstitial Lung Disease Questionnaire (K-BILD) from baseline</div> <div>• Change in Parent cough-specific quality of life (PCSQoL) from baseline</div>	<div>Enrollment: 50</div> <div>Age: 5 Years and older (Child, Adult, Older Adult)</div> <div>Sex: All</div>	• The University of Queensland	• Other	<div>Study Start: September 7, 2021</div> <div>Primary Completion: December 2024</div> <div>Study Completion: June 2025</div> <div>First Posted: November 20, 2020</div> <div>Results First Posted: No Results Posted</div> <div>Last Update Posted: September 23, 2021</div>	<div>• John Hunter Hospital, Newcastle, New South Wales, Australia</div> <div>• Sydney Children's Hospital, Sydney, New South Wales, Australia</div> <div>• Royal Prince Alfred Hospital, Sydney, New South Wales, Australia</div> <div>• The Children's Hospital Westmead, Sydney, New South Wales, Australia</div> <div>• The Prince Charles Hospital, Brisbane, Queensland, Australia</div> <div>• Royal Adelaide Hospital, Adelaide, South Australia, Australia</div> <div>• The Alfred, Melbourne, Victoria, Australia</div> <div>• The Austin, Melbourne, Victoria, Australia</div> <div>• Fiona Stanley Hospital, Perth, Western Australia, Australia</div>

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
14	NCT02247622	Telomere Length and Other Parameters of Telomere Dysfunction in PSC and Colitis	Title Acronym:	Unknown status	• Primary Sclerosing Cholangitis • Inflammatory Bowel Disease		Study Type: Observational	Enrollment: 60	• Meir Medical Center	• Other	Study Start: February 2012	• Meir Medical Center, Kfar Saba, Israel
		Other Ids: 1.1	Phase:				Age: 18 Years to 80 Years (Adult, Older Adult)	Primary Completion: September 2014				
		Study Documents:	Study Design: • Observational Model: Cohort • Time Perspective: Prospective				Sex: All	Study Completion: September 2014				
		Outcome Measures: • Telomere length • number of cells with increased telomerase RNA component (TERC) expression					First Posted: September 25, 2014					
							Results First Posted: No Results Posted					
							Last Update Posted: September 25, 2014					
15	NCT01809561	Telomeres Evaluation in Endometriosis	Title Acronym:	Unknown status	• Endometriosis	• Procedure: tissue biopsy during surgical treatment	Study Type: Observational	Enrollment: 30	• Meir Medical Center	• Other	Study Start: May 2013	• OBGYN department, Meir Medical Center, Kfar-Saba, Israel
		Other Ids: MMC13186-12CTIL	Phase:				Age: 15 Years to 60 Years (Child, Adult)	Primary Completion: February 2015				
		Study Documents:	Study Design: • Observational Model: Case-Control • Time Perspective: Prospective				Sex: Female	Study Completion: February 2015				
		Outcome Measures: characterize the telomeres array and telomerase levels and other characteristics for genomic instability such as spontaneous aneuploidy in endometriosis tissue.					First Posted: March 12, 2013					
							Results First Posted: No Results Posted					
							Last Update Posted: April 9, 2013					
16	NCT02775279	Association Between Telomere Length and Risk of Acute Coronary Syndrome	Title Acronym:	Completed	• Acute Coronary Syndrome		Study Type: Observational	Enrollment: 400	• Air Force Military Medical University, China	• Other	Study Start: January 2016	• Xijing Hospital, Xi'an, Shaanxi, China
		Other Ids: XJ20160520	Phase:				Age: 18 Years to 85 Years (Adult, Older Adult)	Primary Completion: May 2016				
		Study Documents:	Study Design: • Observational Model: Case-Control • Time Perspective: Cross-Sectional				Sex:	Study Completion: May 2016				
		Outcome Measures: Relative telomere length					First Posted: May 17, 2016					
							Results First Posted: No Results Posted					
							Last Update Posted: May 17, 2016					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
17	NCT03302104	Diet Quality and LTL in NHANES	Title Acronym:	Completed	•Telomere Length, Mean Leukocyte •Diet Habit		Study Type: Observational	Enrollment: 4758	• University of California, San Francisco	•Other	Study Start: January 1, 1999	
		Study Documents:	Other Ids: R01AG033592-01A1				Phase:	Age: 20 Years to 65 Years (Adult, Older Adult)			Primary Completion: December 31, 2002	
							Study Design: • Observational Model: Other	Sex: All			Study Completion: December 31, 2002	
							•Time Perspective: Cross-Sectional				First Posted: October 4, 2017	
							Outcome Measures: Leukocyte telomere length				Results First Posted: No Results Posted	
											Last Update Posted: October 4, 2017	
18	NCT04386577	Effects of Vitamin D and Omega-3 Supplementation on Telomeres in VITAL	Title Acronym:	Active, not recruiting	•Aging	•Dietary Supplement: Vitamin D3 (cholecalciferol) • Drug: fish oil	Study Type: Interventional	Enrollment: 1054	•Augusta University • National Heart, Lung, and Blood Institute (NHLBI)	•Other •NIH	Study Start: August 19, 2016	• Georgia Prevention Institute, Augusta, Georgia, United States
		Study Documents:	Other Ids: •2016p001917 • R01HL131674-01				Phase: Phase 3	Age: 50 Years and older (Adult, Older Adult)			Primary Completion: April 30, 2021	
							Study Design: •Allocation: Randomized • Intervention Model: Factorial Assignment	Sex: All			Study Completion: April 30, 2021	
							•Masking: Triple (Participant, Investigator, Outcomes Assessor) • Primary Purpose: Prevention				First Posted: May 13, 2020	
							Outcome Measures: •Changes in telomere length • Changes in Inflammation markers				Results First Posted: No Results Posted	
											Last Update Posted: May 13, 2020	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
19	NCT02547376	Genetic and Telomere Characteristics of High of Grade Soft Tissue Sarcomas	Title Acronym:	Terminated	•Soft Tissue Sarcoma		Study Type: Observational	Enrollment: 77	• University Hospitals, Leicester	•Other	Study Start: February 12, 2015	• University Hospitals of Leicester NHS Trust, Leicester, Leicestershire, United Kingdom
			Other Ids: UHL 11353				Phase:	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: September 28, 2020	
		Study Documents:					Study Design: • Observational Model: Case-Only				Study Completion: September 28, 2020	
							•Time Perspective: Prospective	Sex: All			First Posted: September 11, 2015	
20	NCT04872816	Obstructive Sleep Apnea and Telomere Length	Title Acronym:	Recruiting	•Obstructive Sleep Apnea	• Device: Continuous airway positive pressure	Study Type: Interventional	Enrollment: 76	•Associação Fundo de Incentivo à Pesquisa	•Other	Study Start: July 5, 2018	• Universidade Federal de São Paulo, São Paulo, Brazil
			Other Ids: 0232/2018				Phase: Phase 2	Age: 35 Years to 65 Years (Adult, Older Adult)			Primary Completion: June 11, 2021	
		Study Documents:					Study Design: •Allocation: Randomized				Study Completion: April 30, 2022	
							• Intervention Model: Parallel Assignment	Sex: Male			First Posted: May 5, 2021	
							•Masking: Double (Participant, Investigator)				Results First Posted: No Results Posted	
							• Primary Purpose: Treatment				Last Update Posted: May 5, 2021	
							Outcome Measures:					
							• Change of Leukocyte telomere length from baseline to 6 months					
							• Change of sleep quality assessed by Pittsburgh Sleep Quality index from baseline to 6 months					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
21	NCT03703973	Correlation Between Postoperative Cognitive Dysfunction and Telomere Length in Patients With Non-cardiac Surgery	Title Acronym:	Unknown status	• Postoperative Cognitive Dysfunction	• Diagnostic Test: Neuropsychology test	Study Type: Observational	Enrollment: 1000	•Xuzhou Medical University	•Other	Study Start: August 1, 2016	• Department of Anesthesia of the Affiliated Hospital of Xuzhou Medical University, Xuzhou, Jiangsu, China
		Other Ids: POCDLTL	Phase:				Age: 60 Years to 85 Years (Adult, Older Adult)	Primary Completion: December 31, 2020				
		Study Documents:	Study Design: • Observational Model: Case-Control •Time Perspective: Prospective				Sex: All	Study Completion: December 31, 2020				
			Outcome Measures: •the neuropsychological test to measure cognitive function • Mini-Mental score examination [MMSE] used for screening of dementia •the leukocyte telomere length					First Posted: October 12, 2018				
								Results First Posted: No Results Posted				
22	NCT03429309	The Association Between Telomere Length and Propofol Dose in Anesthesia-induction	Title Acronym:	Unknown status	• General Anesthesia	• Drug: Propofol	Study Type: Interventional	Enrollment: 100	•Guangzhou General Hospital of Guangzhou Military Command	•Other	Study Start: December 1, 2017	• Guangzhou General Hospital of Guangzhou Military Command, Guangzhou, Guangdong, China
		Other Ids: Telomere length and propofol	Phase: Not Applicable				Age: 18 Years to 80 Years (Adult, Older Adult)	Primary Completion: February 1, 2018				
		Study Documents:	Study Design: •Allocation: N/A • Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Diagnostic				Sex: All	Study Completion: February 28, 2018				
			Outcome Measures: • Propofol Dose •Telomere Length •Time of anesthesia-induction. • HR • BP • BIS					First Posted: February 12, 2018				
								Results First Posted: No Results Posted				
											Last Update Posted: February 12, 2018	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
23	NCT03856736	Aerobic Exercise and Telomere Length in Patients With Heart Failure.	Title Acronym:	Not yet recruiting	• Heart Failure	• Other: MIAT • Other: Control	Study Type: Interventional	Enrollment: 24	• Hospital de Clinicas de Porto Alegre	• Other	Study Start: March 1, 2021	• Hospital de Clínicas de Porto Alegre, Porto Alegre, RS, Brazil
		Study Documents:	Other Ids: 180651				Phase: Not Applicable	Age: 50 Years to 80 Years (Adult, Older Adult)			Primary Completion: August 30, 2021	
							Study Design: •Allocation: Randomized • Intervention Model: Parallel Assignment • Masking: Double (Investigator, Outcomes Assessor) • Primary Purpose: Treatment	Sex: All			Study Completion: December 30, 2021	
							Outcome Measures: • Biological Aging • Aerobic Capacity • Echocardiography Variables • Endothelial Function • SSWS				First Posted: February 27, 2019	
											Results First Posted: No Results Posted	
											Last Update Posted: January 11, 2021	
24	NCT02176941	Telomeres and Arterial Aging	Title Acronym: TELARTA	Unknown status	•Atherosclerotic Disease		Study Type: Observational	Enrollment: 340	•Central Hospital, Nancy, France • National Research Agency, France • Institut National de la Santé Et de la Recherche Médicale, France •Assistance Publique Hopitaux De Marseille • University of Lorraine	• Other	Study Start: June 2014	•AP Hôpitaux de Marseille, Marseille, France • Chu Nancy, Nancy, France
		Study Documents:	Other Ids: 2014-A00298-39				Phase: Study Design: • Observational Model: Case-Control •Time Perspective: Cross-Sectional	Age: 20 Years and older (Adult, Older Adult)			Primary Completion: November 2016	
							Outcome Measures: •Telomere Length (LT) dynamics •Skin telomere length •Subcutaneous fat telomere length	Sex: All			Study Completion: November 2016	
											First Posted: June 27, 2014	
											Results First Posted: No Results Posted	
											Last Update Posted: June 16, 2016	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
25	NCT03928769	PROGENitors, TELomeres and ARterial Aging	Title Acronym: PROGENTELART	Suspended	•Atherosclerosis of Artery		Study Type: Observational	Enrollment: 100	•Central Hospital, Nancy, France	•Other	Study Start: May 8, 2019	• Centre Hospitalier Régional Universitaire de Nancy, Nancy, France
		Study Documents:	Other Ids: 2019-A00143-54				Phase:	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: April 20, 2021	
							Study Design: • Observational Model: Case-Control	Sex: All			Study Completion: October 20, 2021	
							•Time Perspective: Cross-Sectional				First Posted: April 26, 2019	
							Outcome Measures: • Circulating EPC levels •Tissue EPC levels •TL in EPC				Results First Posted: No Results Posted	
											Last Update Posted: April 15, 2021	
26	NCT02692833	Telomere Biology and AKI in Cardiac Surgery	Title Acronym:	Completed	•Acute Kidney Injury • Heart Valve Diseases • Coronary Artery Disease	•Other: No intervention	Study Type: Observational	Enrollment: 254	•Queen Mary University of London •Barts & The London NHS Trust	•Other	Study Start: January 2016	•St Bartholomew's Hospital, London, United Kingdom
		Study Documents:	Other Ids: 010706				Phase:	Age: 18 Years to 100 Years (Adult, Older Adult)			Primary Completion: May 2017	
							Study Design: • Observational Model: Cohort	Sex: All			Study Completion: May 2017	
							•Time Perspective: Prospective				First Posted: February 26, 2016	
							Outcome Measures: •Acute Kidney Injury • In hospital mortality • Major adverse cardiac and cerebrovascular events •length of stay				Results First Posted: No Results Posted	
											Last Update Posted: September 20, 2017	
27	NCT01176422	Telomere and Telomerase	Title Acronym:	Withdrawn	•Acute Myeloid Leukemia	• Genetic: Blood sample	Study Type: Observational	Enrollment: 0	• University of Kansas Medical Center	•Other	Study Start: September 2010	• University of Kansas Medical Center, Westwood Campus, Westwood, Kansas, United States
		Study Documents:	Other Ids: 12016				Phase:	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: February 2011	
							Study Design: • Observational Model: Case-Only	Sex: All			Study Completion: February 2011	
							•Time Perspective: Cross-Sectional				First Posted: August 6, 2010	
							Outcome Measures: Identification and resolution of telomere dysfunction-induced focus (TIF) and normalization of telomerase activity				Results First Posted: No Results Posted	
											Last Update Posted: January 10, 2017	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations			
28	NCT03710356	Evaluating Efficacy and Safety of Danazol in Severe Hematologic or Pulmonary Disease Related to Telomeropathy	Title Acronym: ANDROTELO	Not yet recruiting	•Telomere Shortening •Telomere Length, Mean Leukocyte	•Drug: Danazol 200 MG	Study Type: Interventional	Enrollment: 40	•Assistance Publique - Hôpitaux de Paris	•Other	Study Start: October 20, 2018				
			Phase: •Phase 1 •Phase 2				Age: 15 Years and older (Child, Adult, Older Adult)	Primary Completion: October 20, 2021							
		Study Documents:	Other Ids: •P170925J •2018-001686-17				Study Design: •Allocation: N/A •Intervention Model: Single Group Assignment •Masking: None (Open Label) •Primary Purpose: Treatment	Sex: All			Study Completion: October 20, 2022		First Posted: October 18, 2018	Results First Posted: No Results Posted	Last Update Posted: October 18, 2018
		Outcome Measures: •Hematological response or Pulmonary response at M12 •Hepatic tolerance M1 •Hepatic tolerance M2 •Hepatic tolerance M3 •Hepatic tolerance M6 •Hepatic tolerance M9 •Hepatic tolerance M12 •LDL cholesterol M3 •LDL cholesterol M6 •LDL cholesterol M9 •and 24 more													
29	NCT04124900	Telomere Associated Variables (TAVs) in Prostate Cancer	Title Acronym:	Recruiting	•Prostate Cancer		Study Type: Observational	Enrollment: 535	•Life Length SL	•Industry	Study Start: July 15, 2019	•Urological Research Network, Corp., Hialeah, Florida, United States •Houston Methodist Research Institute, Houston, Texas, United States •Hospital Infanta Margarita, Cabra, Córdoba, Spain •University Hospital Reina Sofía, Córdoba, Spain •Instituto de Urología LYX, Madrid, Spain •Hospital Universitario Ramón y Cajal, Madrid, Spain •Hospital Universitario Doce de Octubre, Madrid, Spain			
			Phase:				Age: 18 Years and older (Adult, Older Adult)	Primary Completion: July 15, 2021							
		Study Documents:	Other Ids: PROSTAV001				Study Design: •Observational Model: Case-Only •Time Perspective: Prospective	Sex: Male			Study Completion: July 15, 2021		First Posted: October 14, 2019	Results First Posted: No Results Posted	Last Update Posted: February 21, 2021
		Outcome Measures: Telomere Associated Variables													

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
30	NCT03286699	Lifestyle Change for Better Health	Title Acronym: LCBH	Active, not recruiting	•Bladder Cancer •Telomere Shortening •Colorectal Adenoma	•Behavioral: Dietary Intervention •Behavioral: Physical Activity Intervention	Study Type: Interventional	Enrollment: 8	•University of Pittsburgh •National Cancer Institute (NCI)	•Other •NIH	Study Start: June 1, 2017	•UPMC Shadyside, Pittsburgh, Pennsylvania, United States
		Study Documents:	Other Ids: •CA212628 •R21CA212628				Phase: Not Applicable	Age: 18 Years to 84 Years (Adult, Older Adult)			Primary Completion: December 31, 2020	
							Study Design: •Allocation: Randomized •Intervention Model: Parallel Assignment •Masking: Single (Outcomes Assessor) •Primary Purpose: Supportive Care	Sex: All				
							Outcome Measures: •Leukocyte telomere length (LTL) at the 6 month assessment (controlling for appropriate covariates) •Leukocyte telomere length (LTL) at the 3 month assessment (controlling for appropriate covariates) •Leukocyte telomere length (LTL) at the 12 month assessment (controlling for appropriate covariates) •Telomerase level at 3 months (controlling for appropriate covariates) •Telomerase level at 6 months (controlling for appropriate covariates) •Telomerase level at 12 months (controlling for appropriate covariates) •8-OHdG level at 3 months (controlling for appropriate covariates) •8-OHdG level at 6 months (controlling for appropriate covariates) •Superoxide dismutase 1 (SOD1) at 3 months (controlling for appropriate covariates) •Superoxide dismutase 1 (SOD1) at 6 months (controlling for appropriate covariates) •and 6 more					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
31	NCT01576991	Telomeres and Reproduction in Women	Title Acronym:	Completed	• InVitro Fertilization		Study Type: Observational	Enrollment: 145	• University of South Florida	• Other	Study Start: June 2009	
		Study Documents:	Other Ids: 108093				Phase:	Age: 18 Years to 60 Years (Adult)			Primary Completion: June 2013	
32	NCT01963533	The Roles of Age, Comorbidity, and Telomere Length in Lung Cancer Treatment and Prognosis	Title Acronym:	Unknown status	• Lung Cancer		Study Type: Observational	Enrollment: 300	• National Taiwan University Hospital	• Other	Study Start: August 2012	• National Taiwan University Hospital, Taipei City, Taiwan
		Study Documents:	Other Ids: 201207006RIC				Phase:	Age: 20 Years and older (Adult, Older Adult)			Primary Completion: December 2015	
33	NCT04409379	Association Between Telomere Length and Cardiac Dysfunction	Title Acronym:	Completed	• Cardiac Toxicity • Acute Leukemia • Childhood Cancer	• Diagnostic Test: Relative telomere length	Study Type: Observational	Enrollment: 300	• Air Force Military Medical University, China	• Other	Study Start: January 1, 2019	• Xiao-Fan Zhu, Tianjin, Tianjin, China
		Study Documents:	Other Ids: YL2019100602				Phase:	Age: 1 Year to 16 Years (Child)			Primary Completion: May 1, 2020	
							Study Design: • Observational Model: Case-Control • Time Perspective: Prospective	Sex: All			Study Completion: May 1, 2020	
							Outcome Measures: Relative telomere length				First Posted: June 1, 2020	
											Results First Posted: No Results Posted	
											Last Update Posted: June 1, 2020	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
34	NCT02239432	Telomere Biology in Early Adenocarcinoma of the Lung	Title Acronym:	Unknown status	•Adenocarcinoma of the Lung •Adenocarcinoma, Bronchiolo-Alveolar		Study Type: Observational	Enrollment: 100	•Meir Medical Center	•Other	Study Start: September 2014	•Soroka University Medical Center, Beer Sheva, Israel • Meir Medical Center, Kfar Saba, Israel
		Study Documents:	Other Ids: 0067-14-MMC				Phase:	Age: 18 Years to 90 Years (Adult, Older Adult)			Primary Completion: September 2016	
35	NCT01694342	Telomere Parameters in Patients With Nonalcoholic Fatty Liver	Title Acronym: telomereFL	Unknown status	• FATTY LIVER • NO MALIGNANCY • NO DECOMPENSATED ILLNESS		Study Type: Observational	Enrollment: 30	•Meir Medical Center	•Other	Study Start: September 2012	• Meir Hospital, Kefar Saba, Israel
		Study Documents:	Other Ids: ramona 1.0				Phase:	Age: 18 Years to 75 Years (Adult, Older Adult)			Primary Completion:	
							Study Design: • Observational Model: Cohort • Time Perspective: Prospective	Sex: All			Study Completion: September 2017	
							Outcome Measures: Telomere Capture Percentage				First Posted: September 12, 2014	
											Results First Posted: No Results Posted	
											Last Update Posted: September 12, 2014	
											Study Start: September 2012	
											Primary Completion:	
											Study Completion:	
											First Posted: September 27, 2012	
											Results First Posted: No Results Posted	
											Last Update Posted: September 27, 2012	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
36	NCT00353639	Telomere Repair Gene Mutation in Inflammatory Bowel Disease	Title Acronym:	Completed	• Inflammatory Bowel Disease		Study Type: Observational	Enrollment: 95	• National Heart, Lung, and Blood Institute (NHLBI) • National Institutes of Health Clinical Center (CC)	• NIH	Study Start: May 15, 2006	• National Institutes of Health Clinical Center, 9000 Rockville Pike, Bethesda, Maryland, United States
		Study Documents:	Other Ids: •060082 •06-H-0082				Phase:	Age: 2 Years to 80 Years (Child, Adult, Older Adult)			Primary Completion: May 15, 2006	
							Study Design: • Observational Model: Case-Only • Time Perspective: Cross-Sectional	Sex: All				
							Outcome Measures: • To identify if telomere repair complex gene mutations are abnormally prevalent among patients with IBO. • To correlate telomere repair gene mutations in subjects with immune mediated disease stratified based on diagnosis as they relate to clinical course and response to therapy. • To compare the telomere repair gene mutations of normal individuals (from large populations studies in the public domain) as well as to those of patients with known bone marrow failure					
37	NCT03151824	Gender-specific Associations Between Quality of Life and Leukocyte Telomere Length	Title Acronym:	Completed	• Apparently Healthy People Aged 55 and Over	• Other: quality of life	Study Type: Observational	Enrollment: 164	• Jung-Ha Kim • Chung-Ang University Hosptial, Chung-Ang University College of Medicine	• Other	Study Start: October 25, 2013	
		Study Documents:	Other Ids: C 2013152(1112)				Phase:	Age: 55 Years and older (Adult, Older Adult)			Primary Completion: October 24, 2014	
							Study Design: • Observational Model: Cohort • Time Perspective: Cross-Sectional	Sex: All				
							Outcome Measures: leukocyte telomere length					
												Study Completion: October 24, 2014
												First Posted: May 12, 2017
												Results First Posted: No Results Posted
												Last Update Posted: May 12, 2017

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
38	NCT04158765	The Impact of Lifestyle on Sperm Telomere Length and Telomerase Activity in Men Undergoing IVF Treatments	Title Acronym:	Unknown status	• Male Infertility	• Other: DNeasy Tissue Kit (QIAGEN Inc., Mississauga, Ontario, Canada) and PCR- based assay (TRAPeze Telomerase Detection Kit; Millipore, Billerica, MA).	Study Type: Observational	Enrollment: 100	• Hillel Yaffe Medical Center	• Other	Study Start: November 20, 2019	• Hille Yaffe Medical Center, Hadera, Israel
		Study Documents:	Other Ids: 0120-18-HYMC				Phase:	Age: 18 Years to 60 Years (Adult)			Primary Completion: July 30, 2021	
							Study Design: • Observational Model: Cohort • Time Perspective: Prospective	Sex: Male			Study Completion: July 30, 2021	
							Outcome Measures: Telomere length				First Posted: November 12, 2019	
											Results First Posted: No Results Posted	
											Last Update Posted: December 4, 2019	
39	NCT01934179	Telomere Length in Predicting Toxicity in Older Patients With Stage III-IV Colorectal Cancer Undergoing Chemotherapy	Title Acronym:	Terminated	• Mucinous Adenocarcinoma of the Colon • Mucinous Adenocarcinoma of the Rectum • Signet Ring Adenocarcinoma of the Colon • Signet Ring Adenocarcinoma of the Rectum • Stage IIIA Colon Cancer • Stage IIIA Rectal Cancer • Stage IIIB Colon Cancer • Stage IIIB Rectal Cancer • Stage IIIC Colon Cancer • Stage IIIC Rectal Cancer • Stage IV Colon Cancer • Stage IV Rectal Cancer	• Other: cytology specimen collection procedure • Other: laboratory biomarker analysis • Other: questionnaire administration	Study Type: Observational	Enrollment: 6	• Fox Chase Cancer Center • National Cancer Institute (NCI)	• Other • NIH	Study Start: October 2013	• Fox Chase Cancer Center, Philadelphia, Pennsylvania, United States
		Study Documents:	Other Ids: • ERP-GI-049 • NCI-2013-01415 • 13-020 • GI-049 • P30CA006927				Phase:	Age: 70 Years and older (Older Adult)			Primary Completion: September 11, 2015	
							Study Design: • Observational Model: Case-Only • Time Perspective: Prospective	Sex: All			Study Completion: September 11, 2015	
							Outcome Measures: • TL • Incidence of chemotherapy related grade 3 or higher adverse events, graded according to the National Cancer Institute (NCI) Common Terminology Criteria for Adverse Events (CTCAE) version 4.0 • Change in TL after chemotherapy				First Posted: September 4, 2013	
											Results First Posted: No Results Posted	
											Last Update Posted: February 7, 2018	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
40	NCT02556359	Consequences of DNA Repair and Telomere Defects on the Function of the Immune System: Application to CVID and Immune Deficiencies With Dysmorphic Syndromes	Title Acronym: IMMUNEREP	Unknown status	• Immune Deficiency and Early BMF in Childhood		Study Type: Observational	Enrollment: 100	• Assistance Publique - Hôpitaux de Paris	• Other	Study Start: July 2015	• Saint Louis hospital, Paris, France
			Other Ids: RTC13005				Phase:	Age: Child, Adult, Older Adult			Primary Completion: July 2019	
		Study Documents:					Study Design: • Observational Model: Case-Only • Time Perspective: Prospective	Sex: All			Study Completion: September 2019	
							Outcome Measures: DNA abnormalities				First Posted: September 22, 2015	
											Results First Posted: No Results Posted	
41	NCT02055456	Nandrolone Decanoate in the Treatment of Telomeropathies	Title Acronym:	Unknown status	• Aplastic Anemia • Bone Marrow Failure Syndromes • Idiopathic Pulmonary Fibrosis • Telomere Shortening	• Drug: Nandrolone Decanoate	Study Type: Interventional	Enrollment: 20	• University of Sao Paulo • Conselho Nacional de Desenvolvimento Científico e Tecnológico	• Other	Study Start: February 2014	• Ribeirao Preto School of Medicine, University of Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil
			Other Ids: 11-H-RTC-0002				Phase: • Phase 1 • Phase 2	Age: 2 Years and older (Child, Adult, Older Adult)			Primary Completion: February 2017	
		Study Documents:					Study Design: • Allocation: N/A • Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Treatment	Sex: All			Study Completion: February 2017	
							Outcome Measures: • Reduction in telomere attrition • Hematologic response • Clonal evolution • Improvement in lung function • Survival • Safety				First Posted: February 5, 2014	
											Results First Posted: No Results Posted	
											Last Update Posted: December 2, 2015	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
42	NCT02080741	Study in Leucocytes From Patients With Type 1 and Type 2 Diabetes Genetic Markers of Inflammation and Oxidative Stress (TÉLOMÈRES/ CANDIDATE GENES) According to the Type A or Type B Behavior Profile	Title Acronym: Diatolepsy	Unknown status	• Patients With Type 1 or Type 2 Diabetes • Patients With a Type A or B Behaviour Profile	• Other: Blood sample of 12 ml	Study Type: Interventional	Enrollment: 100	• Centre Hospitalier Universitaire Dijon	• Other	Study Start: September 2014	• CHU de DIJON, Dijon, France
			Other Ids: CHAUVET-GELINIER APJ 2013				Phase: Not Applicable	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: February 2016	
		Study Documents:					Study Design: • Allocation: Non-Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label)	Sex: All			Study Completion:	
							Outcome Measures: • Telomere length • Level of expression of candidate genes				First Posted: March 6, 2014	
43	NCT04763525	Efficacy of Pythagorean Self-Awareness for Aging Biomarkers Improvement, in T2D Patients and Healthy Individuals.	Title Acronym:	Completed	• Type 2 Diabetes Mellitus • Telomere Shortening	• Behavioral: Pythagorean Self-Awareness Intervention(PSAI)	Study Type: Interventional	Enrollment: 48	• National and Kapodistrian University of Athens • National Hellenic Research Foundation • Laik# General Hospital, Athens • Aghia Sophia Children's Hospital of Athens • University of Thessaly	• Other	Study Start: October 4, 2018	• General University Laiko Hospital, Athens, Greece
			Other Ids: 5134/5-4-19				Phase: Not Applicable	Age: 19 Years and older (Adult, Older Adult)			Primary Completion: November 26, 2019	
		Study Documents:					Study Design: • Allocation: Non-Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label) • Primary Purpose: Treatment	Sex: All			Study Completion: November 26, 2019	
							Outcome Measures: • Determination of telomeres' length • Determination of 20S proteasome concentration • Healthy Lifestyle and Personal Control Questionnaire • Glycosylated haemoglobin • Hair cortisol concentration • Total Body Water • Fat Free Mass • Fat Mass • Visceral fat • Trunk fat • and 16 more				First Posted: February 21, 2021	
											Results First Posted: No Results Posted	
											Last Update Posted: December 4, 2014	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
44	NCT02131831	Telomeres Parameters in Cirrhosis	Title Acronym:	Unknown status	•Cirrhosis		Study Type: Observational	Enrollment: 50	•Meir Medical Center	•Other	Study Start: June 2014	• Meir Medical Center, Kfar Saba, Israel
		Study Documents:	Other Ids: IDO 123 TRX				Phase:	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: December 2015	
							Study Design: • Observational Model: Case-Only	Sex: All			Study Completion: December 2015	
							•Time Perspective: Prospective				First Posted: May 6, 2014	
							Outcome Measures: telomerase activity				Results First Posted: No Results Posted	
											Last Update Posted: September 16, 2014	
45	NCT05012111	Natural History of Acquired and Inherited Bone Marrow Failure Syndromes	Title Acronym:	Recruiting	•Severe Aplastic Anemia •Telomere Biology Disorders •Inherited Bone Marrow Failure Syndromes		Study Type: Observational	Enrollment: 1000	• National Heart, Lung, and Blood Institute (NHLBI) • National Institutes of Health Clinical Center (CC)	•NIH	Study Start: October 25, 2021	• National Institutes of Health Clinical Center, Bethesda, Maryland, United States
		Study Documents:	Other Ids: • 10000387 •000387-H				Phase:	Age: 2 Years and older (Child, Adult, Older Adult)			Primary Completion: February 4, 2041	
							Study Design: • Observational Model: Cohort	Sex: All			Study Completion: February 4, 2041	
							•Time Perspective: Prospective				First Posted: August 19, 2021	
							Outcome Measures: • Cohort 4: Rate of progression to transfusion dependent marrow failure, marrow failure requiring therapeutic intervention (such as medical therapy or HSCT) or the progression to hematological malignancy • Cohort 3: Development of cytopenias, lung disease or liver disease, or (if present at baseline) characterization, and rate of progression of cytopenias, lung disease or liver disease in TBD patients and looking at their overall contribution to m... • Cohort 1: Rate of relapse and clonal evolution in previously treated patients • Cohort 2: Rate of progression requiring therapeutic intervention				Results First Posted: No Results Posted	
											Last Update Posted: December 28, 2021	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
46	NCT02126033	Telomeres Parameters in Celiac Disease	Title Acronym:	Unknown status	• Celiac Disease	• Procedure: take blood samples	Study Type: Interventional	Enrollment: 40	• Meir Medical Center	• Other	Study Start:	
			Other Ids: 1234				Phase: Not Applicable	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: December 2015	
		Study Documents:					Study Design: • Intervention Model: Parallel Assignment • Primary Purpose: Basic Science	Sex: All			Study Completion:	
							Outcome Measures: telomere length				First Posted: April 29, 2014	
											Results First Posted: No Results Posted	
47	NCT02844478	Stress-Busting Program and QoL, Bio-markers of Immunity/ Stress and Cellular Aging	Title Acronym:	Completed	• Stress, Psychological • Telomere Shortening • Stress, Physiological	• Behavioral: SBP English • Behavioral: SBP SPANISH	Study Type: Interventional	Enrollment: 37	• The University of Texas Health Science Center at San Antonio • WellMed Charitable Foundation • The Claude D. Pepper Older Americans Independence Centers • The Sam and Ann Barshop Institute for Longevity and Aging Studies • San Antonio Geriatrics Research Education and Clinical Center- GRECC • Caring Companions • Alzheimer's Association	• Other	Study Start: September 2016	• The University of Texas Health Science Center at San Antonio, San Antonio, Texas, United States
			Other Ids: HSC20160309H				Phase: Not Applicable	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: June 2018	
		Study Documents:					Study Design: • Allocation: Non-Randomized • Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Supportive Care	Sex: All			Study Completion: June 2018	
							Outcome Measures: • Telomere length • Salivary flow rate • Saliva potential hydrogen (pH) • Salivary protein • Perceived Stress Scale • Center for Epidemiologic Depression (CES-D) • Screen for Caregiver Burden • Salivary alpha Amylase (sAA) • Secretory immunoglobulin A (SIgA) • C Reactive Protein (CRP)				First Posted: July 26, 2016	
											Results First Posted: No Results Posted	
											Last Update Posted: October 16, 2018	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
48	NCT03056417	<div><div>Impact of Lifestyle Changes on Telomeric Activity in Patients With Chronic Pain</div><div>Study Documents:</div></div>	<div>Title Acronym:</div> <div>Other Ids: 14X145</div>	Completed	• Chronic Pain	• Behavioral: The Complete Health Improvement Program	<div>Study Type: Interventional</div> <div>Phase: Not Applicable</div> <div>Study Design: • Allocation: Non-Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label) • Primary Purpose: Basic Science</div> <div>Outcome Measures: • Telomerase activity changes as a result of lifestyle change • Subjective pain ratings as a function of positive lifestyle modifications • Relative telomere length changes as a result of lifestyle change • Relative telomere length changes as a result of lifestyle change at 1-year follow-up • Fasting glucose changes as a result of lifestyle change • Fasting glucose changes as a result of lifestyle change at 1-year follow-up • Fasting lipid profile (i.e., HDL, LDL, triglycerides) modification as a result of lifestyle change • Fasting lipid profile (i.e., HDL, LDL, triglycerides) modification as a result of lifestyle change at 1-year follow-up • C-reactive protein changes as a result of lifestyle change • C-reactive protein changes as a result of lifestyle change at 1-year follow-up • and 12 more</div>	<div>Enrollment: 67</div> <div>Age: 40 Years to 70 Years (Adult, Older Adult)</div> <div>Sex: All</div>	• Ohio University	• Other	<div>Study Start: January 10, 2017</div> <div>Primary Completion: May 2019</div> <div>Study Completion: May 2019</div> <div>First Posted: February 17, 2017</div> <div>Results First Posted: No Results Posted</div> <div>Last Update Posted: October 30, 2020</div>	• Ohio University, Athens, Ohio, United States

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations							
49	NCT01441037	Danazol for Genetic Bone Marrow and Lung Disorders	Title Acronym:	Completed	•Aplastic Anemia	•Drug: Danazol	Study Type: Interventional	Enrollment: 27	• National Heart, Lung, and Blood Institute (NHLBI) • National Institutes of Health Clinical Center (CC)	•NIH	Study Start: July 19, 2011	• National Institutes of Health Clinical Center, 9000 Rockville Pike, Bethesda, Maryland, United States							
		Study Documents:	Other Ids: • 110209 • 11-H-0209				Phase: • Phase 1 • Phase 2	Age: 2 Years and older (Child, Adult, Older Adult)			Primary Completion: November 14, 2016								
							Study Design: •Allocation: N/A • Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Treatment	Sex: All			Study Completion: November 14, 2016								
											Outcome Measures: Number of Patients Having Attenuation of Accelerated Telomere Attrition								

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
51	NCT01062035	Study of a Screening Blood Test to Determine Patients' Potential Risk of Adenomatous or Advanced Colon Polyps (ACPs)	Title Acronym:	Completed	• Colonic Polyp		Study Type: Observational	Enrollment: 72	• Mayo Clinic	• Other	Study Start: January 2010	• Mayo Clinic Jacksonville, Jacksonville, Florida, United States
			Other Ids: 09-000131				Phase:	Age: 50 Years to 60 Years (Adult)			Primary Completion: September 2013	
		Study Documents:					Study Design: • Observational Model: Case-Control • Time Perspective: Prospective	Sex: All			Study Completion: September 2013	
							Outcome Measures: Telomere length are shorter in individuals with colon polyps.				First Posted: February 4, 2010	
52	NCT01903655	Study of the Telomere-telomerase System and the Expression of Candidate Genes in the Leukocytes of Patients With Depressive Disorder: Search for Peripheral Markers of Somatic Stress	Title Acronym:	Unknown status	• Depressive Disorder	• Other: telomere length	Study Type: Interventional	Enrollment: 100	• Centre Hospitalier Universitaire Dijon	• Other	Study Start: April 2010	• CHU de Dijon, Dijon, France
			Other Ids: Chauvet PHRC IR 2009				Phase: Not Applicable	Age: Child, Adult, Older Adult			Primary Completion: April 2014	
		Study Documents:					Study Design: • Allocation: Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label)	Sex: All			Study Completion:	
							Outcome Measures: • Telomere length • level of oxidative stress.				First Posted: July 19, 2013	
											Results First Posted: No Results Posted	
											Last Update Posted: June 26, 2014	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
53	NCT01659606	<div><div>Radiation- and Alkylator-free Bone Marrow Transplantation Regimen for Patients With Dyskeratosis Congenita</div><div>Study Documents:</div></div>	<div><div>Title Acronym:</div><div>Other Ids:<ul style="list-style-type: none">12-950IRB-P00003466</div></div>	Recruiting	<div><div>•Dyskeratosis Congenita</div><div>•Hoyeraal Hreidarsson Syndrome</div><div>•Revesz Syndrome</div><div>•Aplastic Anemia</div></div>	<div><div>•Biological: alemtuzumab</div><div>•Drug: Fludarabine</div><div>•Drug: Cyclosporins</div><div>•Drug: Mycophenolate mofetil</div></div>	<div><div>Study Type: Interventional</div><div>Phase: Phase 2</div><div>Study Design:<ul style="list-style-type: none">Allocation: N/AIntervention Model: Single Group AssignmentMasking: None (Open Label)Primary Purpose: Treatment</div><div>Outcome Measures:<ul style="list-style-type: none">Primary engraftmentSurvival to day+100 post-BMTViral reactivation and infectionTreatment related adverse events as assessed by CTCAE version 4.0Secondary graft failureAcute and chronic graft-versus-host disease (GVHD)Engraftment monitoring (chimerism)Immune reconstitution as assessed by quantitation of lymphocyte subsetsChanges in pulmonary function as assessed by pulmonary function testingSecondary malignanciesLong-term survival</div></div>	<div><div>Enrollment: 40</div><div>Age: up to 65 Years (Child, Adult, Older Adult)</div><div>Sex: All</div></div>	<div><div>•Boston Children's Hospital</div><div>•Dana-Farber Cancer Institute</div><div>•Children's Hospital Medical Center, Cincinnati</div><div>•Children's Hospital Los Angeles</div><div>•Fred Hutchinson Cancer Research Center/ University of Washington Cancer Consortium</div><div>•Baylor College of Medicine</div><div>•Children's Hospital of Philadelphia</div><div>•University of Wisconsin, Madison</div><div>•Karolinska University Hospital</div><div>•Hackensack Meridian Health</div><div>•and 6 more</div></div>	•Other	<div><div>Study Start: July 2012</div><div>Primary Completion: December 2022</div><div>Study Completion: December 2034</div><div>First Posted: August 8, 2012</div><div>Results First Posted: No Results Posted</div><div>Last Update Posted: January 4, 2022</div></div>	<div><div>•Children's Hospital Los Angeles, Los Angeles, California, United States</div><div>•University of Chicago, Chicago, Illinois, United States</div><div>•Massachusetts General Hospital, Boston, Massachusetts, United States</div><div>•Boston Children's Hospital (pediatric patients), Boston, Massachusetts, United States</div><div>•Dana-Farber Cancer Institute (adult patients), Boston, Massachusetts, United States</div><div>•Mayo Clinic, Rochester, Minnesota, United States</div><div>•Children's Mercy Hospital Kansas City, Kansas City, Missouri, United States</div><div>•Hackensack University Medical Center, Hackensack, New Jersey, United States</div><div>•Duke University Medical Center, Pediatric BMT, Durham, North Carolina, United States</div><div>•Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, United States</div><div>•and 6 more</div></div>

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
54	NCT01247584	Biomarkers in Samples From Young Patients With Acute Myeloid Leukemia	Title Acronym:	Completed	• Leukemia	• Genetic: DNA analysis • Genetic: mutation analysis • Genetic: polymerase chain reaction • Other: laboratory biomarker analysis	Study Type: Observational	Enrollment: 234	• Children's Oncology Group • National Cancer Institute (NCI)	• Other • NIH	Study Start: November 2010	
		Study Documents:	Other Ids: • AAML11B2 • COG-AAML11B2 • NCI-2011-02846				Phase:	Age: up to 21 Years (Child, Adult)			Primary Completion: May 2016	
			Study Design: • Observational Model: Case-Only • Time Perspective: Retrospective				Sex: All	Study Completion:				
			Outcome Measures: • Frequency of mutations • Relapse-free survival • Overall survival • Difference in telomere length					First Posted: November 24, 2010				
								Results First Posted: No Results Posted				
55	NCT01510600	Studying Biomarkers in Samples From Patients With High-Risk Neuroblastoma	Title Acronym:	Completed	• Neuroblastoma	• Genetic: DNA analysis • Genetic: polymerase chain reaction • Other: laboratory biomarker analysis • Other: medical chart review	Study Type: Observational	Enrollment: 99	• Children's Oncology Group • National Cancer Institute (NCI)	• Other • NIH	Study Start: January 2012	
		Study Documents:	Other Ids: • ANBL12B5 • COG-ANBL12B5 • CDR0000722061 • NCI-2012-00109				Phase:	Age: up to 30 Years (Child, Adult)			Primary Completion: May 2016	
			Study Design: • Observational Model: Cohort • Time Perspective: Retrospective				Sex: All	Study Completion: May 2016				
			Outcome Measures: • The sensitivity and specificity, as well as the optimal cut-off, for telomere length (TL) qPCR as an ALT detection method • Frequency and characteristics of ALT in high-risk NB • C-circle level as a marker of ALT activity in NB • Prognostic value of ALT • C-circle assay utility in detecting tumor DNA in the serum of NB patients with an ALT					First Posted: January 16, 2012				
								Results First Posted: No Results Posted				
		Last Update Posted: May 19, 2016										

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
58	NCT03459053	CBART: The Reduction of Psychological and Physiological Stress in Women Undergoing IVF	Title Acronym: Other Ids: CBARTIVF	Completed	<ul style="list-style-type: none">• Psychological Stress• DNA Degradation, Apoptotic• Telomere Shortening• Fertility Disorders	• Behavioral: CBART	Study Type: Interventional	Enrollment: 88	<ul style="list-style-type: none">• University of Haifa• Soroka University Medical Center• Ben-Gurion University of the Negev• Fondation de Myriam de Senarclens	• Other	Study Start: April 16, 2019	• Soroka University Medical Center, Be'er Sheva, Israel
		Study Documents:					Phase: Not Applicable	Age: 18 Years to 35 Years (Adult)			Primary Completion: April 20, 2021	
59	NCT04182906	Pediatric ACEs Screening and Resiliency Study	Title Acronym: PEARLS	Completed	<ul style="list-style-type: none">• Fibrinogen Abnormality• Telomere Length, Mean Leukocyte• Atopic• Acute Infection• Inflammatory Response• Self-regulation	<ul style="list-style-type: none">• Behavioral: Care Coordination• Behavioral: Resiliency Clinic• Behavioral: Usual Care	Study Type: Interventional	Enrollment: 555	<ul style="list-style-type: none">• UCSF Benioff Children's Hospital Oakland• University of California, San Francisco	• Other	Study Start: March 17, 2017	• UCSF Benioff Children's Hospital Oakland, Oakland, California, United States
		Study Documents:	Other Ids: 2016-089				Phase: Not Applicable	Age: 3 Months to 11 Years (Child)			Primary Completion: December 23, 2019	
							Study Design: • Allocation: Randomized	Sex: Female			Study Completion: August 1, 2021	
							<ul style="list-style-type: none">• Intervention Model: Parallel Assignment• Masking: Double (Investigator, Outcomes Assessor)• Primary Purpose: Supportive Care				First Posted: March 8, 2018	
							Outcome Measures: • Perceived Stress				Results First Posted: No Results Posted	
							<ul style="list-style-type: none">• Cell Free DNA• Telomerase• Pregnancy				Last Update Posted: September 29, 2021	
							Study Type: Interventional	Enrollment: 555	<ul style="list-style-type: none">• UCSF Benioff Children's Hospital Oakland• University of California, San Francisco	• Other	Study Start: March 17, 2017	• UCSF Benioff Children's Hospital Oakland, Oakland, California, United States
							Phase: Not Applicable	Age: 3 Months to 11 Years (Child)			Primary Completion: December 23, 2019	
							Study Design: • Allocation: Randomized	Sex: All			Study Completion: December 23, 2019	
							<ul style="list-style-type: none">• Intervention Model: Parallel Assignment• Masking: None (Open Label)• Primary Purpose: Screening				First Posted: December 2, 2019	
							Outcome Measures: • Validate a social determinants of health and adverse childhood experiences Screening tool				Results First Posted: No Results Posted	
							<ul style="list-style-type: none">• Patient-Reported Outcomes Measurement Information System (PROMIS) Global scale• Behavioral Rating Inventory of Executive Functioning (BRIEF 2/P)• International Study of Asthma and Allergies in Childhood Questionnaire (ISSAC)• Body mass index				Last Update Posted: April 21, 2021	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations							
60	NCT04321187	Influence of Prostate Cancer Radiation on Aging	Title Acronym:	Recruiting	<ul style="list-style-type: none">• Prostate Cancer• Aging Disorder• Radiotherapy; Complications• Inflammation		Study Type: Observational	Enrollment: 334	• Medical University of Graz	• Other	Study Start: September 1, 2019	• Medical University of Graz, Graz, Austria							
		Study Documents:	Other Ids: 31-437 ex 18/19				Phase:	Age: 70 Years to 100 Years (Older Adult)			Primary Completion: August 31, 2021								
											Study Design: <ul style="list-style-type: none">• Observational Model: Case-Only• Time Perspective: Prospective		Sex: Male			Study Completion: August 31, 2022			
											Outcome Measures: <ul style="list-style-type: none">• Functionality - activities of daily living• Functionality - instrumental activities of daily living• Cognitive disorder• Comorbidities• Mental disorder• Mobility• Number of medications taken• Radiation induced toxicity					First Posted: March 25, 2020			
														Results First Posted: No Results Posted					
														Last Update Posted: April 14, 2021					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
61	NCT02876653	Accelerated Aging in Middle-Aged Men With Sleep-disordered Breathing.	Title Acronym: SAOS	Completed	• Obstructive Sleep Apnea	• Other: Polysomnography , blood collection, bone densitometry and Functional respiratory explorations	Study Type: Interventional	Enrollment: 53	• Assistance Publique - Hôpitaux de Paris	• Other	Study Start: March 2011	• Henri Mondor Hospital, Creteil, France
		Study Documents:	Other Ids: P091110				Phase: Not Applicable	Age: 20 Years to 65 Years (Adult, Older Adult)			Primary Completion: January 2014	
							Study Design: •Allocation: Non- Randomized	Sex: Male				Study Completion: January 2014
							• Intervention Model: Parallel Assignment					
							• Masking: None (Open Label)					Results First Posted: No Results Posted
							• Primary Purpose: Basic Science					Last Update Posted: August 24, 2016
							Outcome Measures: •Telomere length of circulating leukocytes					
							• Carotid-femoral pulse wave velocity					
							• Bone density					
							• Correlation between biological parameters and neuropsychological assessment					
							• Markers of oxidative stress: Malondialdehyde, heme oxygenase-1					
							• Markers of inflammation: hs-CRP, IL-6, IL-8, MCP-1					
							• Markers of growth hormone axis (GH, IGF-1, IGFBP)					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
62	NCT01959126	Health Enhancement And Resilience Training	Title Acronym: HEART	Completed	•Stress •Aging •Well-being	• Behavioral: Stress-reduction class	Study Type: Interventional	Enrollment: 70	• University of California, San Francisco	•Other	Study Start: May 2013	• University of California, San Francisco, San Francisco, California, United States
		Study Documents:	Other Ids: 10-02063				Phase: Not Applicable	Age: 20 Years to 50 Years (Adult)			Primary Completion: November 2015	
							Study Design: •Allocation: N/A	Sex: Female			Study Completion: November 2015	
							• Intervention Model: Single Group Assignment				First Posted: October 9, 2013	
							• Masking: None (Open Label)				Results First Posted: No Results Posted	
							• Primary Purpose: Basic Science				Last Update Posted: January 26, 2021	
63	NCT02530255	Telomerase Activator and Retinal Amyloid	Title Acronym:	Completed	•Alzheimer Disease	• Dietary Supplement: cycloastragenol • Dietary Supplement: placebo (for cycloastragenol)	Study Type: Interventional	Enrollment: 48	• Chippewa Valley Eye Clinic •TA-Sciences	•Other	Study Start: December 1, 2016	• Chippewa Valley Eye Clinic, Eau Claire, Wisconsin, United States
		Study Documents:	Other Ids: TAS-003-AD				Phase: Not Applicable	Age: 50 Years to 70 Years (Adult, Older Adult)			Primary Completion: October 31, 2018	
							Study Design: •Allocation: Randomized	Sex: All			Study Completion: December 31, 2018	
							• Intervention Model: Parallel Assignment				First Posted: August 21, 2015	
							• Masking: Triple (Participant, Investigator, Outcomes Assessor)				Results First Posted: No Results Posted	
							• Primary Purpose: Treatment				Last Update Posted: July 5, 2019	
		Outcome Measures: • Retinal Amyloid Index (RAI) • Telomere length (kilobases)										

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations									
64	NCT02592564	Brain Plasticity and Cellular Aging After Internet-delivered CBT for Social Anxiety Disorder	Title Acronym: UMEII	Unknown status	•Anxiety Disorders •Social Anxiety Disorder	• Behavioral: Internet-delivered cognitive behavior therapy	Study Type: Interventional	Enrollment: 50	•Linköping University •Umeå University •Uppsala University •Stockholm University •Karolinska Institutet	•Other	Study Start: October 2015	• Umeå university, Umeå, Sweden									
		Study Documents:	Other Ids: UMESTUDIEN-II				Phase: Not Applicable	Age: 18 Years to 65 Years (Adult, Older Adult)			Primary Completion: April 2017										
											Study Design: •Allocation: N/A • Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Treatment		Sex: All	Study Completion: May 2021							
											Outcome Measures: • Clinically Global Impression-Improvement scale (CGI-I; Change from baseline) • Liebowitz Social Anxiety Scale, Self-report version (LSAS-SR; Change from baseline) • Clinically Global Impression-Severity scale (CGI-S) • Social Phobia Screening Questionnaire (SPSQ) • Beck Anxiety Inventory (BAI) • Social Interaction Anxiety Scale (SIAS) • Social Phobia Scale (SPS) • Montgomery Åsberg Depression Rating Scale, Self-report version (MADRS-S) • Subjective unit of discomfort on fear and distress (SUD) • Social Probability/Cost Questionnaire • and 11 more							First Posted: October 30, 2015			
																Results First Posted: No Results Posted					
																Last Update Posted: September 1, 2017					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
65	NCT02459639	<div><div>Existential Genomics: Effects of Multimodal Rehabilitation and Integrative Care on Patients With Chronic Pain</div><div>Study Documents:</div></div>	<div>Title Acronym: ExiGence</div> <div>Other Ids: 2014-37</div>	Unknown status	•Chronic Pain	<div>•Other: Anthroposophic integrative care rehabilitation program</div> <div>•Other: Conventional multi-modal care rehabilitation</div>	<div>Study Type: Observational</div> <div>Phase:</div> <div>Study Design:<div>•Observational Model: Cohort</div><div>•Time Perspective: Prospective</div></div> <div>Outcome Measures:<div>•Telomere length from blood sample leucocyte cells</div><div>•Telomerase activity from blood sample leucocyte cells</div><div>•Hb - hemoglobin status</div><div>•Cholesterol: Blood cholesterol levels</div><div>•C-Reactive Protein levels in blood sample</div><div>•Triglyceride levels in blood sample</div><div>•Glucose levels in blood sample</div><div>•LDL-cholesterol levels in blood sample</div><div>•HDL-cholesterol levels in blood sample</div><div>•Blood pressure</div><div>•and 11 more</div></div>	<div>Enrollment: 100</div> <div>Age: 18 Years and older (Adult, Older Adult)</div> <div>Sex: All</div>	<div>•The Integrative Care Science Center</div> <div>•University Hospital, Linkoepping</div> <div>•Ekhagastiftelsen</div>	•Other	<div>Study Start: June 2015</div> <div>Primary Completion: May 2017</div> <div>Study Completion: May 2017</div> <div>First Posted: June 2, 2015</div> <div>Results First Posted: No Results Posted</div> <div>Last Update Posted: June 3, 2015</div>	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
66	NCT01857830	The Relaxation vs. Retreat Study	Title Acronym: R&R	Completed	•Stress •Ageing •Wellbeing	• Behavioral: Meditation Retreat • Behavioral: Active Comparator Relaxation Group	Study Type: Interventional	Enrollment: 96	•University of California, San Francisco	•Other	Study Start: April 2013	• Chopra Center for Wellbeing, Carlsbad, California, United States
		Study Documents:	Other Ids: 12-1039				Phase: Not Applicable	Age: 30 Years to 60 Years (Adult)			Primary Completion: July 2013	
							Study Design: •Allocation: Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label) • Primary Purpose: Basic Science	Sex: Female				
							Outcome Measures: •Telomerase •Amyloid Beta Proteins • Psychological Well being •Oxytocin •Telomere Length • Gene Expression					
67	NCT04685642	Anti-inflammation Treatment in Mood Disorder and Deep Learning Prediction Model	Title Acronym:	Recruiting	• Mood Disorder	• Drug: Aspirin • Drug: Atorvastatin	Study Type: Interventional	Enrollment: 180	•Taipei Veterans General Hospital, Taiwan	•Other	Study Start: August 24, 2020	•Taipei Veterans General Hospital, Taipei, Taiwan
		Study Documents:	Other Ids: 109-2314-B-010 -050 -MY3				Phase: Phase 4	Age: 20 Years to 65 Years (Adult, Older Adult)			Primary Completion: July 31, 2023	
							Study Design: •Allocation: Randomized • Intervention Model: Parallel Assignment • Masking: None (Open Label) • Primary Purpose: Treatment	Sex: All				
							Outcome Measures: •Reduction rate the clinical symptoms after original treatment combined aspirin or atorvastatin. •The T1-weight •The resting fMRI					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
68	NCT04110964	Evaluation of Safety and Tolerability of Libella Gene Therapy for Critical Limb Ischemia: AAV- hTERT	Title Acronym:	Unknown status	• Critical Limb Ischemia	• Drug: AAV-hTERT	Study Type: Interventional	Enrollment: 5	• Libella Gene Therapeutics	• Industry	Study Start: September 26, 2019	• IPS Arcasalud SAS, Zipaquirá, Cundinamarca, Colombia
			Other Ids: LibellaCO-01				Phase: Phase 1	Age: 45 Years and older (Adult, Older Adult)			Primary Completion: December 2020	
		Study Documents:					Study Design: • Allocation: N/A	Sex: All			Study Completion: December 2020	
							• Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Treatment				First Posted: October 1, 2019	
							Outcome Measures: • Incidence of adverse events • hTERT expression and telomerase activity				Results First Posted: No Results Posted	
69	NCT04133649	Evaluation of Safety and Tolerability of Libella Gene Therapy for the Treatment of Aging: AAV- hTERT	Title Acronym:	Unknown status	• Aging	• Drug: AAV-hTERT	Study Type: Interventional	Enrollment: 5	• Libella Gene Therapeutics	• Industry	Study Start: October 17, 2019	• IPS Arcasalud SAS, Zipaquirá, Cundinamarca, Colombia
			Other Ids: LibellaCO-03				Phase: Phase 1	Age: 45 Years and older (Adult, Older Adult)			Primary Completion: January 2021	
		Study Documents:					Study Design: • Allocation: N/A	Sex: All			Study Completion: January 2021	
							• Intervention Model: Single Group Assignment • Masking: None (Open Label) • Primary Purpose: Treatment				First Posted: October 21, 2019	
							Outcome Measures: • Incidence of adverse events • hTERT expression and telomerase activity				Results First Posted: No Results Posted	
											Last Update Posted: December 10, 2019	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
70	NCT01268254	Red Wine and Ageing and Atherosclerosis	Title Acronym:	Unknown status	•Coronary Disease		Study Type: Observational	Enrollment: 200	• University of Sao Paulo	•Other	Study Start: October 2009	• Heart Insitute (InCor) University of Sao Paulo, Sao Paulo, Brazil
			Other Ids: 1-48200805				Phase:	Age: 50 Years to 70 Years (Adult, Older Adult)			Primary Completion: March 2011	
		Study Documents:					Study Design: • Observational Model: Case-Control				Study Completion: April 2011	
							•Time Perspective: Prospective	Sex: Male			First Posted: December 29, 2010	
							Outcome Measures:				Results First Posted: No Results Posted	
71	NCT02876809	A Model for Healthy Aging: Moscow Centenarians (AGE-100)	Title Acronym: AGE-100	Completed	•Aging		Study Type: Observational	Enrollment: 100	• Pirogov Russian National Research Medical University	•Other	Study Start: October 2016	• Pirogov Russian National Research Medical University of the Ministry of Health of the Russian Federation, Russian Gerontology Clinical Research Center, Moscow, Russian Federation
			Other Ids: MCA-100				Phase:	Age: 90 Years and older (Older Adult)			Primary Completion: March 2021	
		Study Documents:					Study Design: • Observational Model: Cohort				Study Completion: March 2021	
							•Time Perspective: Cross-Sectional	Sex: All			First Posted: August 24, 2016	
							Outcome Measures: • Definition of frailty prevalence among 100-Centenarians • Definition of telomere biology status • Definition of vascular aging				Results First Posted: No Results Posted	
											Last Update Posted: March 23, 2021	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
72	NCT04133454	Evaluation of Safety and Tolerability of Libella Gene Therapy for Alzheimer's Disease: AAV- hTERT <div>Study Documents:</div>	Title Acronym: <div>Other Ids: Libella CO-02</div>	Unknown status	•Alzheimer Disease	• Drug: AAV-hTERT	Study Type: Interventional <div>Phase: Phase 1</div> <div>Study Design: •Allocation: N/A • Intervention Model: Single Group Assignment •Masking: None (Open Label) • Primary Purpose: Treatment</div> <div>Outcome Measures: • Incidence of adverse events • hTERT expression and telomerase activity</div>	Enrollment: 5 <div>Age: 45 Years and older (Adult, Older Adult)</div> <div>Sex: All</div>	• Libella Gene Therapeutics	• Industry	Study Start: October 10, 2019 <div>Primary Completion: January 2021</div> <div>Study Completion: January 2021</div> <div>First Posted: October 21, 2019</div> <div>Results First Posted: No Results Posted</div> <div>Last Update Posted: October 28, 2019</div>	• IPS Arcasalud SAS, Zipaquirá, Cundinamarca, Colombia



	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
73	NCT04715828	Impact of Ionizing Treatment on the Nuclear Structure of Human Spermatozoa. <div>Study Documents:</div>	Title Acronym: Other Ids: 2020 PONS- REJRAJI	Recruiting	•Sperm Preservation •Irradiated Semen	•Other: Cryopreserved semen •Other: Acute and low irradiation •Other: Long and low irradiation •Other: Long and medium irradiation	Study Type: Observational Phase: Study Design: •Observational Model: Cohort •Time Perspective: Prospective Outcome Measures: •To measure in vitro the impact of an ionizing radiation treatment on sperm nuclear quality and in particular the size of telomeres. •To measure in vitro the impact of an irradiation dose of I131 on sperm nuclear quality, notably on STL. •to measure RAT impact on sperm parameters (vitality, motility and morphology) •To measure in vitro the impact of cryopreservation on sperm nuclear quality, notably on STL, chromatin organisation and nucleus morphology •to evaluate RAT impact on human sperm cells in comparison with cryopreservation •to evaluate the impact of different doses and types of irradiation on human sperm cells •to establish relations between potential alterations of standards sperm parameters (vitality, motility and morphology) and nuclear sperm parameters (DNA fragmentation and oxidation, chromatin condensation and organisation, nucleus morphology and STL.	Enrollment: 200 Age: 18 Years to 45 Years (Adult) Sex: Male	•University Hospital, Clermont-Ferrand •Agence de La Biomédecine	•Other	Study Start: January 1, 2018 Primary Completion: January 1, 2022 Study Completion: January 1, 2022 First Posted: January 20, 2021 Results First Posted: No Results Posted Last Update Posted: January 20, 2021	•CHU de Clermont-Ferrand, Clermont-Ferrand, France

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
74	NCT03667469	Study of the Life Expectancy of Patients With Metabolic Syndrome After Weight Loss:	Title Acronym: LIFEXPE-RT	Completed	• Obesity	• Procedure: Laparoscopic one anastomosis gastric bypass • Dietary Supplement: Hypocaloric diet therapy	Study Type: Interventional	Enrollment: 60	• University Medical Center, Kazakhstan	• Other	Study Start: May 24, 2018	• National Scientific Center for Oncology and Transplantation, Astana, Kazakhstan
		Study Documents:	Other Ids: UMC				Phase: Not Applicable	Age: 18 Years to 65 Years (Adult, Older Adult)			Primary Completion: April 10, 2020	
							Study Design: • Allocation: Randomized	Sex: All			Study Completion: April 10, 2020	
							• Intervention Model: Parallel Assignment • Masking: Quadruple (Participant, Care Provider, Investigator, Outcomes Assessor) • Primary Purpose: Treatment				First Posted: September 12, 2018	
							Outcome Measures: • Change of body mass index • Changes of comorbidities • Changes in the length of leukocyte telomere • Change of Quality of life				Results First Posted: No Results Posted	
											Last Update Posted: April 15, 2020	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
75	NCT02623894	Influence of Different Risk Factors in Vascular Accelerated Aging (EVA Study) <div>Study Documents:</div>	Title Acronym: Other Ids: GRS 1193/B/15	Completed	• Healthy		<div>Study Type: Observational</div> <div>Phase:</div> <div>Study Design: • Observational Model: Case-Only</div> <div>• Time Perspective: Cross- Sectional</div> <div>Outcome Measures: • Cardio-ankle vascular index</div> <div>• Brachial-ankle pulse wave velocity (ba-PWV)</div> <div>• Ankle-brachial index</div> <div>• Central augmentation index</div> <div>• Carotid Intima Media Thickness</div> <div>• Evaluation of retinal vessels</div> <div>• Adherence to the mediterranean diet</div> <div>• Objective measure of physical activity</div> <div>• Self-reported physical activity</div> <div>• Sedentary time</div> <div>• Subjective assessment of physical activity</div> <div>• Carotid-femoral pulse wave velocity</div>	<div>Enrollment: 500</div> <div>Age: 35 Years to 75 Years (Adult, Older Adult)</div> <div>Sex: All</div>	<div>• Fundacion para la Investigacion y Formacion en Ciencias de la Salud</div> <div>• Castilla-León Health Service</div>	<div>• Other</div>	<div>Study Start: October 2015</div> <div>Primary Completion: December 2017</div> <div>Study Completion: December 2017</div> <div>First Posted: December 8, 2015</div> <div>Results First Posted: No Results Posted</div> <div>Last Update Posted: February 21, 2020</div>	<div>• Primary care Research unit. La Alamedilla health centre, Salamanca, Spain</div> <div>• Manuel A Gómez Marcos, Salamanca, Spain</div>

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
76	NCT02006446	Relationship Between Sperm Head Vacuoles and Sperm DNA Alterations in Infertile Men	Title Acronym: VATES	Completed	• Male Infertility		Study Type: Observational	Enrollment: 200	• University Hospital, Rouen	• Other	Study Start: December 2013	• Laboratoire de spermiologie, CHRU de Lille, Hôpital Calmette CHRU de Lille, France • Laboratoire de Biologie de la Reproduction - CECOS - EA 4308, CHU - Hôpitaux de Rouen, Rouen, France
		Study Documents:	Other Ids: 2013/005/HP				Phase:	Age: 18 Years and older (Adult, Older Adult)			Primary Completion: December 2016	
							Study Design: • Observational Model: Cohort • Time Perspective: Prospective	Sex: Male			Study Completion: January 2017	
							Outcome Measures: • Correlation coefficient between mean vacuole areas in sperm heads (measured by MSOME) and sperm aneuploidy rates for chromosomes X, Y and 18 (evaluated by FISH) • Total sperm count • Percentage of mobile spermatozoa • Percentage of morphologically abnormal spermatozoa • Mean vacuole area threshold (measured with Receiver Operating Characteristic curves) • Correlation coefficient between vacuole areas and sperm DNA fragmentation (evaluated by TUNEL analysis) • Correlation coefficient between vacuole areas and abnormal chromatin condensation (evaluated by aniline blue staining) • Correlation coefficient between vacuole areas and telomere number, distribution and length (evaluated by quantitative FISH)	First Posted: December 10, 2013				
								Results First Posted: No Results Posted				
								Last Update Posted: January 20, 2017				

Shown high related Clinical Trials, 157 additional studies not shown