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	Title Acronym: Other Ids:	Recruiting	•Telomere Length	Genetic: First polar body biopsy in MII oocytes	Study Type: Interventional	Enrollment: 10	•ART Fertility Clinics LLC	• Other	Study Start: June 6, 2021	•ART Fertility Clinics, Abu Dhabi, United Arab Emirates
	Clinical Validation Study Study Documents:	2006-ABU-007-AA			Genetic: PGT-A blastocyst	Phase: Not Applicable	Age: 18 Years to 43 Years (Adult)			Primary Completion: December 1, 2021	
	Stady Documents.					Study Design: •Allocation: Non- Randomized	Sex:			Study Completion: January 1, 2022	
						Intervention Model: Parallel Assignment				First Posted: October 8, 2020	
						Masking: None (Open Label) Primary Purpose:				Results First Posted: No Results Posted	
						Diagnostic Outcome Measures:				Last Update Posted: June 9, 2021	
						•telomere length (TL) of the first Polar body (PB) and TL in Cumulus cells (CC)			3		
						•To correlate TL between both polar bodies					
						•To correlate TL in male WBC and TL in sperm •To correlate TL in female				2	
						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 possib <mark>le</mark> correlation between ploidy in PBs and ploidy in TE biopsy					
						PB biopsy and embryo development				NA MARKENIA A	
						•To evaluate TL in sperm + TL-PB and TL in TE					

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT04048044	EFFECTS OF RejuvaMatrix ™ ON TELOMERES	Title Acronym:	Completed	•Telomeres	Device: Exposure to GHz	Study Type:	Enrollment:	Holos Institutes of Health, Inc	• Other	Study Start:	
	<u>ON TELOWIENEO</u>	Other Ids:			electromagnetic	Interventional	50	or ricalar, mo		January 2009	
	Study Documents:	HIH RM			energy (RejuvaMatrix)	Phase:	Age:			Primary Completion:	
	and the same				(Nojavalviatrix)	Phase 1	18 Years and older (Adult, Older			December 2014	
						Study Design:	Adult)			Study Completion:	
						•Allocation: Non- Randomized	Sex:			December 2014	
						Intervention Model: Single	All			First Posted:	
						Group Assignment Masking: None (Open				August 7, 2019	
						Label)	SALL			Results First Posted:	
						Primary Purpose:	7200			No Results Posted	
						Supportive Care		M. Comment		Last Update Posted:	
						Outcome Measures:				August 7, 2019	
						• Length of telomeres after	4172				
						5 years compared with baseline					
						•Total Symptom Index	ENTE			3	
NCT03312400		Title Acronym:	Recruiting	•Telomere Disease	Drug: Danazol	Study Type:	Enrollment:	• National Heart,	•NIH	Study Start:	National Institutes of He
	Treatment of Telomere Related					Interventional	40	Lung, and Blood		February 8, 2018	Clinical Center, Betheso
	<u>Diseases</u>	Other Ids: • 180004				Phase:	Age:	Institute (NHLBI)			Maryland, United States
	Study Documents:	• 18-H-0004				Phase 2	3 Years and older	National Institutes of		Primary Completion: April 29, 2026	
	Clary 2000	• 10-⊓-0004				Thatez	(Child, Adult, Older	Health Clinical		April 29, 2020	
						Study Design:	Adult)	Center (CC)		Study Completion:	
						•Allocation: Randomized	Sex:			April 29, 2026	
						Intervention Model: Crassiver Assignment	All			First Posted:	
						Crossover Assignment • Masking: None (Open				October 17, 2017	
						Label)				Results First Posted:	
						Primary Purpose:				No Results Posted	
						Treatment					
						Outcome Measures:				Last Update Posted: December 22, 2021	
						Reduction of telomere attrition rate				December 22, 2021	
						•Toxicities associated with low dose danazol use					
						Progression of pulmonary					
						function testing					
					Markey Street	 Progression of fibroscan and transient elastography by ARFI 					
						Hematologic response					
						* Helliatologic response					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
1	NCT01982890	Telomeres and T-cell Receptor Excision Circles (TRECs) From Peripheral Blood in Normal	Title Acronym: Other Ids:	Enrolling by invitation	•Telomere Length in Healthy Controls	Other: Control	Study Type: Observational	Enrollment: 200	Université de Sherbrooke	• Other • Industry	Study Start: January 4, 2005	 Centre hospitalier universitaire de Sherbrooke, Sherbrooke, Quebec, Canada
		Subjects Over Time	Telomeres and				Phase:	Age:	•Janssen, LP		Primary Completion:	
			TREC					18 Years to 85			December 10, 2021	
		Study Documents:					Study Design:	Years (Adult,				
							Observational Model: Cohort	Older Adult)			Study Completion:	
							•Time Perspective:	Sex:			December 2024	
							Prospective.	All			First Posted:	
											November 13, 2013	
							Outcome Measures: • Estimation of variability of				Describe First Destails	
							multiple measures of the	(S. 9.1)		Marie	Results First Posted: No Results Posted	
							length of telomeres over				No Nesulis I Osted	
							one year	diliale	S. M.		Last Update Posted:	
							•TREC numbers in peripheral blood over time				September 30, 2021	
							Estimation of the variability					
							of the measure of length					
							of telom <mark>eres w</mark> ith multiple measures over 5 years			5		
5	NCT04104386	Telomere Disclosure and Impact	Title Acronym:	Completed	T	OII T.		Enrollment:	• University of	•Other	Childry Charts	
,	100104104300	on Psychological Distress and	Title Actoriyiii.	Completed	•Telomere Length, Mean Leukocyte	Other: Telomere Disclosure Impact	Study Type: Interventional	263	California, San	Other	Study Start: April 4, 2010	
		Health Behaviors	Other Ids:			Biologaio impage	Interventional	200	Francisco		April 4, 2010	
			H11640-33841-01				Phase:	Age:			Primary Completion:	
		Study Documents:					Not Applicable	50 Years to 65 Years (Adult,			November 10, 2011	
							Study Design:	Older Adult)			Study Completion:	
							•Allocation: Randomized	75			November 15, 2011	
							• Intervention Model: Parallel	Sex:			4	
							Assignment	Female			First Posted:	
							Masking: Double				September 26, 2019	
							(Investigator, Outcomes Assessor)				Results First Posted:	
							Primary Purpose:				No Results Posted	
							Prevention				Last Undata Postadi	
											Last Update Posted: September 26, 2019	
							Outcome Measures:				30ptombol 20, 2019	
							Change sin Impact of Events Scale					
							Events Scale					

NCT Nu	ımber Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT025	System in Type 2 Diabetes Patients Who Received GLP-1	Par-4#GI P-1	Unknown status	• GLP-1#Metformin# Telomere- telomerase	Drug: Liraglutide Drug: Metformin	Study Type: Interventional	Enrollment: 200	•Third Military Medical University	• Other	Study Start: June 2016	 Southwest Hospital of the Th Military Medical University, Chongqing, Chongqing, Chin
	or Metformin Treatment Study Documents:	Other Ids: GLP-1		System#Par-4		Phase: Phase 4	Age: 18 Years to 75			Primary Completion: December 2018	
	Study Documents.					Study Design: •Allocation: N/A	Years (Adult, Older Adult)			Study Completion: December 2019	
						• Intervention Model: Single Group Assignment	Sex:			First Posted:	
						Masking: None (Open Label)				August 28, 2015 Results First Posted:	
						Primary Purpose: Treatment				No Results Posted	
						Outcome Measures: • physiological parameter:glycosylated hemoglobin A1c				Last Update Posted: September 13, 2016	
						• physiological parameter:the concentration of Par-4			2		
						• physiological parameter:telomere length				0.00	
						• physiological parameter:telomease					
						activity • physiological				3	
						parameter:TNF-#	75			War and the same of the same o	
NCT039		Acute Stress Response in	Completed	 Acute Disease 		Ctudy Type	Enrollment:	Rabin Medical	• Other	Study Start:	Rabin medical center, Petah
			- Completed			Study Type:			Outor	October 1 2017	Tikva, Israel
	7 Telomere Length in Relation to Acute Stress Response in Critical Care Patients	Other Ids:		•Telomere Shortening		Observational	40	Center	Culor	October 1, 2017	
	to Acute Stress Response in		Сотрыбо	•Telomere		Observational Phase:	Age: 18 Years to 75		Guioi	October 1, 2017 Primary Completion: March 30, 2018	
	to Acute Stress Response in Critical Care Patients	Other Ids:	Сотрысов	•Telomere		Observational	40 Age:		Suidi	Primary Completion: March 30, 2018 Study Completion:	
	to Acute Stress Response in Critical Care Patients	Other Ids:		•Telomere		Observational Phase: Study Design: Observational Model: Cohort Time Perspective:	Age: 18 Years to 75 Years (Adult,		Suid	Primary Completion: March 30, 2018 Study Completion: September 30, 2018	
	to Acute Stress Response in Critical Care Patients	Other Ids:		•Telomere		Observational Phase: Study Design: Observational Model: Cohort Time Perspective: Prospective	Age: 18 Years to 75 Years (Adult, Older Adult) Sex:		S.H.O.	Primary Completion: March 30, 2018 Study Completion:	
	to Acute Stress Response in Critical Care Patients	Other Ids:	Completed	•Telomere		Observational Phase: Study Design: Observational Model: Cohort Time Perspective:	Age: 18 Years to 75 Years (Adult, Older Adult) Sex:			Primary Completion: March 30, 2018 Study Completion: September 30, 2018 First Posted:	
	to Acute Stress Response in Critical Care Patients	Other Ids:		•Telomere		Observational Phase: Study Design: Observational Model: Cohort Time Perspective: Prospective Outcome Measures: telomere length difference	Age: 18 Years to 75 Years (Adult, Older Adult) Sex:			Primary Completion: March 30, 2018 Study Completion: September 30, 2018 First Posted: June 11, 2019 Results First Posted:	

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02299245	Rosuvastatin Effect on Telomere-telomerase System in ACS	Title Acronym: Other Ids:	Unknown	•Telomere Shortening	Drug: rosuvastatin	Study Type: Interventional	Enrollment: 400	•Xiao-dong Zhuang •Sun Yat-sen	• Other	Study Start: October 2014	
		RETAIN Study		•Telomere Length, Mean Leukocyte		Phase:	Age:	University		Primary Completion:	
	Study Documents:			•22q Telomere Deletion Syndrome		Phase 4	18 Years and older (Adult, Older			July 2016	
				Deletion Syndrome		Study Design: •Allocation: Randomized	Adult)			Study Completion: November 2016	
						Intervention Model: Parallel	Sex:				
						Assignment	All			First Posted: November 24, 2014	
						Masking: None (Open Label)					
						Primary Purpose:	5.5			Results First Posted: No Results Posted	
						Treatment				Last Update Posted:	
						Outcome Measures: • Change from baseline	The state of the s			July 14, 2015	
						in telomere length after	4127				
						different dose statin treatment					
						Change from baseline in telomerase activity					
						after different dose statin					
						• PCI-related myocardial					
						infarction (MI)					
NCT04807309	PRETELL: PREvention of TELomere-related	Title Acronym: PRETELL	Not yet recruiting	•Short Telomere Length	Drug: Danazol Pill	Study Type: Interventional	Enrollment:	Brigham and Women's	• Other	Study Start: July 31, 2021	
	Complications After Lung Transplant			• Lung Transplant	Drug: Placebo		30	Hospital		1	
	тапэрапі	Other Ids: 2021P000271				Phase: • Phase 1	Age: 18 Years and older			Primary Completion: June 2024	
	Study Documents:					• Phase 2	(Adult, Older Adult)			4	
						Study Design:				Study Completion: July 2025	
						•Allocation: Randomized	Sex:			First Posted:	
						• Intervention Model: Parallel				March 19, 2021	
						Assignment • Masking: Quadruple				Results First Posted:	
						(Participant, Care Provider, Investigator, Outcomes				No Results Posted	
						Assessor)				Last Update Posted:	
						Primary Purpose: Prevention				March 19, 2021	
						Outcome Measures:		65 B			
						Number of participants with			1		
						treatment-related adverse events as assessed by					
						CTCAE v4.0		The same of the sa			
					The state of the s	Occurrence of WBC	ALC: NO STATE OF THE PARTY OF T				
						<2000/µl	Alexander				
				Santa Santa			42.5				

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT0421171	4 Study to Evaluate of EXG34217 in Patients With Telomere Biology Disorders With Bone	Title Acronym: Other Ids:	Recruiting	•Telomere Shortening	• Biological: EXG34217	Study Type: Interventional	Enrollment: 12	• Elixirgen Therapeutics, Inc.	• Industry	Study Start: April 8, 2021	Cincinnati Children's Hospital, Cincinnati, Ohio, United State
	Marrow Failure	EXG-US-01		Bone Marrow Failure		Phase:	Age: 18 Years and older (Adult, Older			Primary Completion: April 8, 2023	
	Study Documents:					Study Design: •Allocation: N/A	Adult) Sex:			Study Completion: April 8, 2024	
						 Intervention Model: Sequential Assignment Masking: None (Open 	All			First Posted: December 26, 2019	
						Label) • Primary Purpose:	50			Results First Posted: No Results Posted	
						Outcome Measures: • Number of participants with adverse events -Safety by Incidence of Treatment-Emergent Adverse Events				Last Update Posted: April 13, 2021	
						Number of participants with a change in in physical examination			1		
						Number of participants with a change in Electrocardiography (ECG)					
						• Number of participants with a change in clinical laboratory evaluations				3	
						Number of participants with a change of Immunogenicity					
						Number of participants with a change in telomere length					
						Number of participants with improvement of blood counts.					

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	Title Acronym: Other Ids:	Recruiting	Dyskeratosis Congenita Talanana Bialanana		Study Type: Observational	Enrollment: 100	National Cancer Institute (NCI) National	• NIH	Study Start: January 19, 2022	 National Cancer Institute (NCI) Bethesda, Maryland, United States
	Congenita (DC) and Related Telomere Biology Disorders (TBD)	• 10000502 •000502-C		•Telomere Biology Disorders		Phase: Study Design:	Age: 18 Years and older (Adult, Older	Institutes of Health Clinical		Primary Completion: November 4, 2022	
	Study Documents:					Observational Model: Ecologic or Community	Adult) Sex:	Center (CC)		Study Completion: November 4, 2022	
						•Time Perspective: Cross- Sectional	All			First Posted: July 13, 2021	
						Outcome Measures: • Needs Assessment • Needs assessment				Results First Posted: No Results Posted	
						• Needs assessment				Last Update Posted: January 14, 2022	
12 NCT01384136	Blood and in the Placenta in	Title Acronym: Other Ids:	Unknown status	Telomere Length Mechanisms		Study Type: Observational	Enrollment: 100	• Meir Medical Center	• Other	Study Start: June 2011	Meir Medical Center, Kfar Saba, Israel
		036-2011 MMC		of Telomter Homeostasis		Phase:	Age:			Primary Completion:	
	Study Documents:			• High Risk Pregnancies		Study Design:	18 Years to 45 Years (Adult)			June 2015	
				. regilalies		Observational Model: Case-Control	Sex:			Study Completion:	
							Female			June 2015	
						•Time Perspective: Cross- Sectional	Torridic			First Posted:	
						Outcome Measures:				June 28, 2011	
						Outcome Measures.	75			Results First Posted:	
										No Results Posted	
										Last Update Posted: June 28, 2011	

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

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02247622	Telomere Length and Other Parameters of Telomere Dysfunction in PSC and Colitis	Title Acronym:	Unknown status	Primary Sclerosing Cholangitis		Study Type: Observational	Enrollment: 60	Meir Medical Center	• Other	Study Start: February 2012	Meir Medical Center, Kfar Saba, Israel
		Other Ids:		• Inflammatory Bowel Disease		Phase:	Age:			Primary Completion:	
	Study Documents:					Study Design:	18 Years to 80 Years (Adult, Older Adult)			September 2014	
						Observational Model: Cohort	Sex:			Study Completion: September 2014	
						•Time Perspective: Prospective	All			First Posted:	
						Outcome Measures: •Telomere length				September 25, 2014	
						• number of cells with				Results First Posted: No Results Posted	
						increased telomerase RNA component (TERC) expression				Last Update Posted: September 25, 2014	
NCT01809561	Telomeres Evaluation in Endometriosis	Title Acronym:	Unknown status	• Endometriosis	Procedure: tissue biopsy during surgical treatment	Study Type: Observational	Enrollment:	Meir Medical Center	• Other	Study Start: May 2013	 OBGYN department, Mei Medical Center, Kfar-Sab Israel
	Study Documents:	Other Ids: MMC13186-12CTIL			ourground a outmone	Phase:	Age:		5	Primary Completion:	
						Study Design: • Observational Model:	15 Years to 60 Years (Child, Adult)			February 2015	
						Case-Control	Sex:			Study Completion: February 2015	
						•Time Perspective: Prospective	Female			First Posted: March 12, 2013	
						Outcome Measures: characterize the telomeres	SITE			The state of the s	
						array and telomerase levels and other characteristics for				Results First Posted: No Results Posted	
						genomic instability such as spontaneous aneuploidy in endometriosis tissue.				Last Update Posted: April 9, 2013	
NCT02775279	Association Between Telomere Length and Risk of Acute Coronary Syndrome	Title Acronym: Other Ids:	Completed	•Acute Coronary Syndrome		Study Type: Observational	Enrollment:	•Air Force Military Medical University, China	• Other	Study Start: January 2016	•Xijing Hospital, Xi'an, Sh China
		XJ20160520				Phase:	Age:	Offiversity, Crima		Primary Completion:	
	Study Documents:				Study Design:	18 Years to 85 Years (Adult,			May 2016		
						Observational Model: Case-Control	Older Adult) Sex:			Study Completion: May 2016	
						•Time Perspective: Cross- Sectional	3/22			First Posted:	
						Outcome Measures:				May 17, 2016	
						Relative telomere length				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
NCT03302104	Diet Quality and LTL in NHANES	Title Acronym: Other Ids:	Completed	•Telomere Length, Mean Leukocyte		Study Type: Observational	Enrollment: 4758	University of California, San Francisco	• Other	Study Start: January 1, 1999	
	Study Documents:	R01AG033592-01A1		Diet Habit		Phase: Study Design:	Age: 20 Years to 65 Years (Adult,			Primary Completion: December 31, 2002	
						Observational Model: Other	Older Adult) Sex:			Study Completion: December 31, 2002	
						•Time Perspective: Cross- Sectional	All			First Posted: October 4, 2017	
						Outcome Measures:					
						Leukocyte telomere length				Results First Posted: No Results Posted	
		Title Acronym:						A. C.		Last Update Posted: October 4, 2017	
NCT04386577	Effects of Vitamin D and Omega-3 Supplementation on Telomeres in VITAL	Title Acronym:	Active, not recruiting	•Aging	Dietary Supplement: Vitamin D3	Study Type: Interventional	Enrollment: 1054	•Augusta University	•Other •NIH	Study Start: August 19, 2016	 Georgia Prevention Institut Augusta, Georgia, United States
	TOIOMICIES III VIIAE	Other Ids: •2016p001917			(cholecalciferol)	Phase:	Age:	 National Heart, Lung, and Blood 		Primary Completion:	Otates
	Study Documents:	• R01HL131674-01			Drug: fish oil	Phase 3	50 Years and older (Adult, Older	Institute (NHLBI)		April 30, 2021	
						Study Design: •Allocation: Randomized	Adult)			Study Completion: April 30, 2021	
						• Intervention Model: Factorial Assignment	Sex:			First Posted:	
						• Masking: Triple (Participant, Investigator,	CITA			May 13, 2020	
						Outcomes Assessor) • Primary Purpose:				Results First Posted: No Results Posted	
						Prevention				Last Update Posted:	
						Outcome Measures:				May 13, 2020	
						01					
						Changes in telomere length					

NCT N	Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02		Genetic and Telomere Characteristics of High of Grade Soft Tissue Sarcomas	Title Acronym: Other Ids:	Terminated	•Soft Tissue Sarcoma		Study Type: Observational	Enrollment: 77	University Hospitals, Leicester	• Other	Study Start: February 12, 2015	 University Hospitals of Leicester NHS Trust, Leiceste Leicestershire, United Kingdor
			UHL 11353				Phase:	Age: 18 Years and older	Loidodioi		Primary Completion:	Leicesterstille, Offited Kingdo
		Study Documents:					Study Design: Observational Model:	(Adult, Older Adult)		See	September 28, 2020	
							Case-Only	Sex:			Study Completion: September 28, 2020	
							•Time Perspective: Prospective	All			First Posted: September 11, 2015	
							Outcome Measures: • Disease recurrence (local				Results First Posted:	
				and distant) post surgery Overall survival		No Results Posted						
			Title Acronym:				*Overall Survival		A.		Last Update Posted: October 14, 2020	
NCT04		Obstructive Sleep Apnea and Telomere Length	Title Acronym: Other Ids:	Recruiting	Obstructive Sleep Apnea	Device: Continuous airway positive pressure	Study Type: Interventional	Enrollment: 76	•Associação Fundo de Incentivo à	• Other	Study Start: July 5, 2018	 Universidade Federal de São Paulo, São Paulo, Brazil
		Study Documents:	0232/2018				Phase: Phase 2	Age: 35 Years to 65	Pesquisa		Primary Completion: June 11, 2021	
							Study Design: •Allocation: Randomized	Years (Adult, Older Adult)			Study Completion: April 30, 2022	
							• Intervention Model: Parallel	Sex:			First Posted:	
							Assignment Masking: Double				May 5, 2021	
							(Participant, Investigator) • Primary Purpose:				Results First Posted: No Results Posted	
							Treatment				Last Update Posted:	
							Outcome Measures: • Change of Leukocyte telomere length from				May 5, 2021	
							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
NCT03703973	Correlation Between Postoperative Cognitive Dysfunction and Telomere	Title Acronym: Other Ids:	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,
	Length in Patients With Non- cardiac Surgery	POCDLTL				Phase:	Age:			Primary Completion:	Xuzhou, Jiangsu, China
	<u>cardiac Surgery</u>					Study Design:	60 Years to 85 Years (Adult,			December 31, 2020	
	Study Documents:					Observational Model: Case-Control	Older Adult)			Study Completion: December 31, 2020	
						•Time Perspective: Prospective	Sex:			First Posted:	
						Outcome Measures:				October 12, 2018	
						•the neuropsychological test to measure cognitive function				Results First Posted: No Results Posted	
						Mini-Mental score examination [MMSE] used for screening of dementia		1		Last Update Posted: October 12, 2018	
	CT02420200 The Association Debugge					•the leukocyte telomere length					
NCT03429309	The Association Between Telomere Length and Propofol Dose in Anesthesia-induction	Title Acronym: Other Ids:	Unknown status	General Anesthesia	Drug: Propofol	Study Type: Interventional	Enrollment: 100	• Guangzhou General Hospital of Guangzhou	• Other	Study Start: December 1, 2017	 Guangzhou General Hospita Guangzhou Military Commar Guangzhou, Guangdong, Ch
		Telomere length				Phase:	Age:	Military Command		Primary Completion:	
	Study Documents:	and propofol				Not Applicable	18 Years to 80 Years (Adult,			February 1, 2018	
						Study Design:	Older Adult)			Study Completion:	
						•Allocation: N/A	Sex:			February 28, 2018	
						 Intervention Model: Single Group Assignment 	All			First Posted:	
						Masking: None (Open				February 12, 2018	
						Label)				Results First Posted:	
						Primary Purpose: Diagnostic				No Results Posted	
						Outcome Measures:				Last Update Posted:	
						Propofol Dose				February 12, 2018	
						•Telomere Length					
						•Time of anesthesia-					
						induction.					

	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: Other Ids:	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, Braz
			180651				Phase:	Age:			Primary Completion:	
		Study Documents:					Not Applicable	50 Years to 80 Years (Adult,			August 30, 2021	
							Study Design: •Allocation: Randomized	Older Adult)			Study Completion: December 30, 2021	
							Intervention Model: Parallel	Sex:				
							Assignment	All			First Posted: February 27, 2019	
							Masking: Double (Investigator, Outcomes)				1 Columny 21, 2019	
							Assessor)	SAIN			Results First Posted:	
							Primary Purpose: Transferent	6			No Results Posted	
							Treatment		5 M.		Last Update Posted:	
							Outcome Measures:				January 11, 2021	
							Biological Aging Associate					
							Aerobic Capacity Echocardiography					
							Variables					
							• Endothelial Function •SSWS					
24	NCT02176941	Telomeres and Arterial Aging	Title Acronym:	Unknown	•Atherosclerotic Disease		Study Type:	Enrollment:	• Central Hospital,	• Other	Study Start:	•AP Hôpitaux de Marseille, Marseille, France
		Study Dogumento:	TELARTA	status	Disease		Observational	340	Nancy, France • National		June 2014	Chu Nancy, Nancy, France
		Study Documents:	Other Ids:				Phase:	Age:	Research		Primary Completion:	Ond Nancy, Nancy, France
			2014-A00298-39				Study Design:	20 Years and older (Adult, Older	Agency, France Institut National		November 2016	
							Observational Model:	Adult)	de la Santé Et		Study Completion:	
							Case-Control	Sex:	de la Recherche Médicale,		November 2016	
							•Time Perspective: Cross- Sectional	All	France		First Posted:	
							Outcome Measures:		•Assistance		June 27, 2014	
							•Telomere Length (LT)		Publique Hopita <mark>ux De</mark>		Results First Posted:	
							dynamics		Marseille		No Results Posted	
							•Skin telomere length		 University of Lorraine 		Last Update Posted:	
							•Subcutaneous fat tel <mark>omere</mark>				June 16, 2016	

NCT Num	per Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT03928	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 lds: 2019-A00143-54				Phase:	Age: 18 Years and older			Primary Completion:	
		2019-A00143-54				Study Design:	(Adult, Older			April 20, 2021	
						Observational Model: Case-Control	Adult)			Study Completion: October 20, 2021	
						•Time Perspective: Cross- Sectional	Sex:			First Posted:	
						Outcome Measures:				April 26, 2019	
						Circulating EPC levels				Results First Posted:	
						•Tissue EPC levels				No Results Posted	
						•TL in EPC				Last Update Posted:	
							and the second			April 15, 2021	
NCT02692		Title Acronym:	Completed	•Acute Kidney Injury	Other: No	Study Type:	Enrollment:	•Queen Mary	• Other	Study Start:	•St Bartholomew's Hospital,
	Cardiac Surgery	Other Ids:		Heart Valve Diseases	intervention	Observational	254	University of London		January 2016	London, United Kingdom
	Study Documents:	010706		Coronary Artery		Phase:	Age:	• Barts & The	9	Primary Completion:	
				Disease		Study Design:	18 Years to 100 Years (Adult,	London NHS Trust		May 2017	
						Observational Model: Cohort	Older Adult)			Study Completion: May 2017	
						•Time Perspective:	Sex:				
						Prospective	All			First Posted: February 26, 2016	
						Outcome Measures:				rebidary 20, 2010	
						•Acute Kidney Injury				Results First Posted:	
						• In hospital mortality				No Results Posted	
						Major adverse cardiac and cerebrovascular events				Last Update Posted:	
						• length of stay				September 20, 2017	
NCT01176	422 <u>Telomere and Telomerase</u>	Title Acronym:	Withdrawn	•Acute Myeloid	Genetic: Blood	Study Type:	Enrollment:	• University of	•Other	Study Start:	University of Kansas Medical
	Study Documents:	Other Ids:		Leukemia	sample	Observational	0	Kansas Medical Center		September 2010	Center, Westwood Campus, Westwood, Kansas, United
	Otady Boodinerits.	12016				Phase:	Age:			Primary Completion:	States
						Study Design:	18 Years and older (Adult, Older			February 2011	
						Observational Model:	Adult)			Study Completion:	
						Case-Only	Sex:			February 2011	
						•Time Perspective: Cross- Sectional	All			First Posted:	
						Outcome Measures:				August 6, 2010	
					101812	Identification and resolution				Results First Posted:	
						of telomere dysfunction- induced focus (TIF) and				No Results Posted	
						normalization of telomerase	Segration of	and the last		Last Update Posted:	
				Shaker		activity	A CONTRACTOR OF THE PARTY OF TH			January 10, 2017	

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

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT03286699	Lifestyle Change for Better Health	Title Acronym: LCBH	Active, not recruiting	• Bladder Cancer •Telomere	Behavioral: Dietary Intervention	Study Type: Interventional	Enrollment:	University of Pittsburgh	•Other •NIH	Study Start: June 1, 2017	UPMC Shadyside, Pittsbur Pennsylvania, United State
	Study Documents:	Other Ids:		Shortening	Behavioral: Physical Activity	Phase:	Age:	National Cancer National Cancer		Primary Completion:	
	Study Documents.	• CA212628		Colorectal Adenoma	Intervention	Not Applicable	18 Years to 84 Years (Adult,	Institute (NCI)		December 31, 2020	
		• R21CA212628				Study Design: •Allocation: Randomized	Older Adult)			Study Completion: December 31, 2024	
						• Intervention Model: Parallel	Sex:			First Posted:	
						Assignment Masking: Single				September 18, 2017	
						(Outcomes Assessor)	lastin "			Results First Posted:	
					Primary Purpose: Supportive Care	4			No Results Posted		
						Outcome Measures:		6 A.		Last Update Posted:	
						Leukocyte telomere length (LTL) at the 6 month				February 4, 2021	
						assessment (controlling for appropriate covariates)					
						• Leukocy <mark>te tel</mark> omere length			2		
						(LTL) at the 3 month assessment (controlling for appropriate covariates)					
						Leukocyte telomere length					
						(LTL) at the 12 month assessment (controlling for appropriate covariates)				7	
						•Telomerase level at 3 months (controlling for appropriate covariates)	75			j	
						•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 approp <mark>riate</mark> 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)	A STATE OF THE STA				
						•and 6 more		The state of the s			

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT01576991	Telomeres and Reproduction in Women	Title Acronym: Other Ids:	Completed	• InVitro Fertilization		Study Type: Observational	Enrollment: 145	University of South Florida	• Other	Study Start: June 2009	
	Study Documents:	108093				Phase:	Age: 18 Years to 60			Primary Completion: June 2013	
						Study Design: Observational Model: Cohort	Years (Adult) Sex:			Study Completion: June 2013	
						•Time Perspective: Prospective	Female			First Posted: April 13, 2012	
						Outcome Measures: •Telomere length				Results First Posted:	
						Frequency of telomeres				No Results Posted Last Update Posted:	
							Sille 16			August 13, 2013	
NCT01963533	The Roles of Age, Comorbidity, and Telomere Length in Lung Cancer Treatment and	Title Acronym: Other Ids:	Unknown status	• Lung Cancer		Study Type: Observational	Enrollment: 300	National Taiwan University Hospital	• Other	Study Start: August 2012	 National Taiwan Universit Hospital, Taipei City, Taiw
	Prognosis Ottoba Decomparts	201207006RIC				Phase:	Age: 20 Years and older			Primary Completion: December 2015	
	Study Documents:					Study Design: Observational Model: Case-Only	(Adult, Older Adult)			Study Completion: December 2015	
						•Time Perspective: Prospective	Sex:			First Posted:	
						Outcome Measures: The correlation between	200			October 16, 2013 Results First Posted:	
						telomere length shortening and cancer treatment				No Results Posted	
						outcome				Last Update Posted: October 18, 2013	
NCT04409379	Association Between Telomere Length and Cardiac Dysfunction	Title Acronym: Other Ids:	Completed	• Cardiac Toxicity •Acute Leukemia	Diagnostic Test: Relative telomere length	Study Type: Observational	Enrollment:	•Air Force Military Medical University, China	•Other	Study Start: January 1, 2019	•Xiao-Fan Zhu, Tianjin, Tia China
	Study Documents:	YL2019100602		Childhood Cancer		Phase:	Age: 1 Year to 16 Years	Offiversity, Offina		Primary Completion: May 1, 2020	
						Study Design: Observational Model: Case-Control	(Child) Sex:			Study Completion: May 1, 2020	
						•Time Perspective: Prospective	All			First Posted:	
						Outcome Measures:			111	June 1, 2020	
					1 X 2 11	Relative telomere length				Results First Posted: No Results Posted	
						200		The second second		Last Update Posted: June 1, 2020	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
1	NCT02239432	Telomere Biology in Early Adenocarcinoma of the Lung	Title Acronym: Other Ids:	Unknown status	•Adenocarcinoma of the Lung		Study Type: Observational	Enrollment:	• Meir Medical Center	• Other	Study Start: September 2014	 Soroka University Medical Center, Beer Sheva, Israel
		Study Documents:	0067-14-MMC		•Adenocarcinoma, Bronchiolo-Alveolar		Phase:	Age: 18 Years to 90			Primary Completion: September 2016	Meir Medical Center, Kfar Saba, Israel
							Study Design: • Observational Model: Cohort	Years (Adult, Older Adult)			Study Completion: September 2017	
							•Time Perspective: Prospective	Sex:			First Posted:	
							Outcome Measures:				September 12, 2014	
							Telomere Capture Percentage	89			Results First Posted: No Results Posted	
											Last Update Posted: September 12, 2014	
	NCT01694342	Telomere Parameters in Patients With Nonalcoholic Fatty Liver	Title Acronym: telomereFL	Unknown status	• FATTY LIVER • NO MALIGNANCY		Study Type: Observational	Enrollment:	• Meir Medical Center	• Other	Study Start: September 2012	Meir Hospital, Kefar Saba Israel
			Other Ids:		•NO DECOMPENSATED		Phase:	Age:			Primary Completion:	
		Study Documents:	ramona 1.0		ILLNESS		Study Design:	18 Years to 75 Years (Adult, Older Adult)			Study Completion:	
							Observational Model: Cohort				First Posted:	
							•Time Perspective: Prospective	Sex:			September 27, 2012	
							Outcome Measures:				Results First Posted: No Results Posted	
											Last Update Posted:	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
1	NCT00353639	Telomere Repair Gene Mutation in Inflammatory Bowel Disease	Title Acronym: Other Ids:	Completed	Inflammatory Bowel Disease		Study Type: Observational	Enrollment: 95	National Heart, Lung, and Blood Institute (NHLBI)	• NIH	Study Start: May 15, 2006	 National Institutes of Heal Clinical Center, 9000 Roc Pike, Bethesda, Maryland
		Study Documents:	•060082 •06-H-0082				Phase: Study Design:	Age: 2 Years to 80 Years (Child,	National Institutes of Health Clinical		Primary Completion: May 15, 2006	United States
							Observational Model: Case-Only	Adult, Older Adult) Sex:	Center (CC)		Study Completion: May 21, 2020	
							•Time Perspective: Cross- Sectional	All			First Posted: July 19, 2006	
							Outcome Measures: •To identify if telomere				Results First Posted:	
							repair complex gene				No Results Posted	
							mutations are abnormally prevalent among patients				Last Update Posted:	
							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.				May 22, 2020	
							•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					
	NCT03151824	Gender-specific Associations Between Quality of Life and Leukocyte Telomere Length	Title Acronym: Other Ids:	Completed	•Apparently Healthy People Aged 55 and Over	Other: quality of life	Study Type: Observational	Enrollment:	•Jung-Ha Kim •Chung-Ang	•Other	Study Start: October 25, 2013	
			C 2013152(1112)		and Over		Phase:	Age:	University Hosptial, Chung-		Primary Completion:	
		Study Documents:					Study Design:	55 Years and older (Adult, Older	Hosptial, Chung- Ang University College of Medicine		October 24, 2014	
							Observational Model: Cohort	Adult)	Medicine		Study Completion:	
							•Time Perspective: Cross-	Sex:			October 24, 2014	
							Sectional Sectional	All			First Posted:	
							Outcome Measures:				May 12, 2017	
							leukocyte telomere le <mark>ngth</mark>				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
	The Impact of Lifestyle on Sperm Telomere Length and Telomerase Activity in Men Undergoing IVF Treatments	Title Acronym: Other Ids: 0120-18-HYMC	Unknown status	Male Infertility	Other: DNeasy Tissue Kit (QIAGEN Inc., Mississauga, Ontario, Canada) and PCR- based	Study Type: Observational Phase:	Enrollment: 100 Age: 18 Years to 60	Hillel Yaffe Medical Center	•Other	Study Start: November 20, 2019 Primary Completion: July 30, 2021	Hille Yaffe Medical Center Hadera, Israel
	Study Documents:				assay (TRAPeze Telomerase Detection Kit; Millipore, Billerica, MA).	Study Design: Observational Model: Cohort Time Perspective: Prospective	Years (Adult) Sex: Male			Study Completion: July 30, 2021 First Posted:	
						Outcome Measures: Telomere length				November 12, 2019 Results First Posted: No Results Posted Last Update Posted:	
NOT04004470	T	T:11 A	Tiu-t-d	Maria	Othor, outology			Face Olivera	011	December 4, 2019	
	Telomere Length in Predicting Toxicity in Older Patients With Stage III-IV Colorectal Cancer	Title Acronym: Other Ids:	Terminated	 Mucinous Adenocarcinoma of the Colon 	Other: cytology specimen collection procedure	Study Type: Observational	Enrollment:	• Fox Chase Cancer Center • National Cancer	• Other • NIH	Study Start: October 2013	 Fox Chase Cancer Cen Philadelphia, Pennsylva United States
	Undergoing Chemotherapy	• ERP-GI-049 • NCI-2013-01415		Mucinous Adenocarcinoma of	 Other: laboratory biomarker analysis 	Phase:	Age: 70 Years and older	Institute (NCI)		Primary Completion: September 11, 2015	
	Study Documents:	• 13-020		the Rectum •Signet Ring	Other: questionnaire	Study Design: Observational Model:	(Older Adult)	100		Study Completion:	
		•GI-049 •P30CA006927		Adenocarcinoma of the Colon •Signet Ring	administration	•Time Perspective: Prospective	Sex: All			September 11, 2015 First Posted: September 4, 2013	
				Adenocarcinoma of the Rectum •Stage IIIA Colon		Outcome Measures: •TL	75			Results First Posted:	
				Cancer •Stage IIIA Rectal		Incidence of chemotherapy related grade 3 or higher				No Results Posted	
				Cancer •Stage IIIB Colon Cancer •Stage IIIB Rectal Cancer		adverse events, graded according to the National Cancer Institute (NCI) Common Terminology Criteria for Adverse Events (CTCAE) version 4.0				Last Update Posted: February 7, 2018	
				•Stage IIIC Colon Cancer •Stage IIIC Rectal		Change in TL after chemotherapy					
				Cancer •Stage IV Colon Cancer					1		
				•Stage IV Rectal Cancer				and the same of th	1		

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02556359	Consequences of DNA Repair and Telomere Defects on the Function of the Immune System:	Title Acronym: IMMUNEREP	Unknown status	Immune Deficiency and Early BMF in Childhood		Study Type: Observational	Enrollment: 100	•Assistance Publique - Hôpitaux de	• Other	Study Start: July 2015	•Saint Louis hospital, Paris France
	Application to CVID and Immune Deficiencies With Dysmorphic	Other Ids:				Phase:	Age:	Paris		Primary Completion:	
	<u>Syndromes</u>	RTC13005				Study Design:	Child, Adult, Older Adult			July 2019	
	Study Documents:					Observational Model: Case-Only	Sex:			Study Completion: September 2019	
						•Time Perspective: Prospective	All			First Posted:	
						Outcome Measures:				September 22, 2015	
						DNA abnormailities	SP			Results First Posted: No Results Posted	
										Last Update Posted: April 18, 2016	
NCT02055456	Nandrolone Decanoate in the Treatment of Telomeropathies	Title Acronym:	Unknown status	Aplastic Anemia Bone Marrow	Drug: Nandrolone Decanoate	Study Type: Interventional	Enrollment:	University of Sao Paulo	• Other	Study Start: February 2014	 Ribeirao Preto School of Medicine, University of Sa Paulo, Ribeirao Preto, Sa
	Study Documents:	Other Ids: 11-H-RTC-0002		Failure Syndromes • Idiopathic		Phase: • Phase 1	Age:	Conselho Nacional de Desenvolvimento	5	Primary Completion:	Paulo, Brazil
				Pulmonary Fibrosis •Telomere		• Phase 2	2 Years and older (Child, Adult, Older Adult)	Científico e Tecnológico		February 2017	
				Shortening		Study Design:	Sex:			Study Completion: February 2017	
						•Allocation: N/A	All			First Posted:	
						• Intervention Model: Single Group Assignment				February 5, 2014	
						• <mark>Mas</mark> king: None (Open Label)				Results First Posted: No Results Posted	
						Primary Purpose: Treatment				Last Update Posted:	
						Outcome Measures:				December 2, 2015	
						Reduction in telomere attrition					
						Hematologic response					
						Clonal evolution					
						Improvement in lung function					
						•Survival					
						•Safety					

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02080741	Study in Leucocytes From Patients With Type 1 and Type 2 Diabetes Genetic	Title Acronym: Diatolepsy	Unknown status	• Patients With Type 1 or Type 2 Diabetes	Other: Blood sample of 12 ml	Study Type: Interventional	Enrollment: 100	Centre Hospitalier Universitaire	• Other	Study Start: September 2014	• CHU de DIJON, Dijon, Fra
	Markers of Inflammation and	Other Ids:		Patients With		Phase:	Age:	Dijon		Primary Completion:	
	Oxidative Stress (TÉLOMÈRES/ CANDIDATE GENES)	CHAUVET- GELINIER APJ		a Type A or B Behaviour Profile		Not Applicable	18 Years and older (Adult, Older			February 2016	
	According to the Type A or Type B Behavior Profile	2013				Study Design:	Adult)			Study Completion:	
						•Allocation: Non- Randomized	Sex:			First Posted:	
	Study Documents:					Intervention Model: Parallel	All			March 6, 2014	
						Assignment				Results First Posted:	
						Masking: None (Open Label)	SAL			No Results Posted	
						Outcome Measures:	6610			Last Update Posted:	
						•Telomere length		S. No.		December 4, 2014	
						• Level of expression of				3 00	
NCT04763525	Efficacy of Pythagorean Self-	Title Acronym:	Completed	-Tune 2 Diabetes	. Dah ayianalı	candidate genes Study Type:	Enrollment:	National and	•Other	Study Start:	General University Laiko
110101100020	Awareness for Aging Biomarkers Improvement, in T2D Patients		Completed	•Type 2 Diabetes Mellitus	Behavioral: Pythagorean	Interventional	48	Kapodistrian University of	Otrioi	October 4, 2018	Hospital, Athens, Greece
	and Healthy Individuals.	Other Ids: 5134/5-4-19		•Telomere Shortening	Self-Awareness Intervention(PSAI)	Phase:	Age:	Athens		Primary Completion:	
	Study Documents:	3104/0-4-13		Shortening	,	Not Applicable	19 Years and older (Adult, Older	National Hellenic Research		November 26, 2019	
	Study Documents.					Study Design:	Adult)	Foundation		Study Completion:	
						•Allocation: Non-		• Laik# General		November 26, 2019	
						Randomized	Sex:	Hospital, Athens		F 15 11	
						• Intervention Model: Parallel	All	 Aghia Sophia Children's 		First Posted: February 21, 2021	
						Assignment		Hospital of		rebluary 21, 2021	
						Masking: None (Open Label)		Athens		Results First Posted:	
						Primary Purpose: Treatment		University of Thessaly		No Results Posted	
						Heatinent				Last Update Posted:	
						Outcome Measures:				February 21, 2021	
						Determination of					
						telomeres' length • Determination of 20S					
						proteasome concentration					
						Healthy Lifestyle and Personal Control					
						Questionnaire					
						Glycosylated haemoglobin					
						Hair cortisol concentration			11		
						•Total Body Water					
						• Fat Free Mass					
						• Fat Mass					
						•Visceral fat					
				San Carlo		•Trunk fat					
						•and 16 more					

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02131831	Telomeres Parameters in Cirrhosis	Title Acronym: Other Ids:	Unknown status	• Cirrhosis		Study Type: Observational	Enrollment: 50	Meir Medical Center	• Other	Study Start: June 2014	Meir Medical Center, Kfar Saba, Israel
	Study Documents:	IDO 123 TRX				Phase:	Age: 18 Years and older			Primary Completion: December 2015	
						Study Design: Observational Model: Case-Only	(Adult, Older Adult)			Study Completion:	
						•Time Perspective: Prospective	Sex:			December 2015 First Posted:	
						Outcome Measures:				May 6, 2014	
						telomerase activity	(3,3)			Results First Posted: No Results Posted	
										Last Update Posted: September 16, 2014	
NCT05012111	Natural History of Acquired and Inherited Bone Marrow Failure Syndromes	Title Acronym: Other Ids:	Recruiting	•Severe Aplastic Anemia		Study Type: Observational	Enrollment: 1000	National Heart, Lung, and Blood Institute (NHLBI)	• NIH	Study Start: October 25, 2021	 National Institutes of Health Clinical Center, Bethesda, Maryland, United States
		• 10000387		•Telomere Biology Disorders	y	Phase:	Age:	National	5	Primary Completion:	,,
	Study Documents:	•000387-H		 Inherited Bone Marrow Failure 		Study Design:	2 Years and older (Child, Adult, Older	Institutes of Health Clinical		February 4, 2041	
				Syndromes		Observational Model: Cohort	Adult) Sex:	Center (CC)		Study Completion: February 4, 2041	
						•Time Perspective: Prospective	All			First Posted:	
						Outcome Measures:				August 19, 2021	
						Cohort 4: Rate of progression to transfusion				Results First Posted: No Results Posted	
						dep <mark>end</mark> ent marrow failure, marrow failure				Last Update Posted:	
						requiring therapeutic intervention (such as				December 28, 2021	
						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				KARES SA	
						Cohort 2: Rate of progression requiring	and the same of the same				
				227/2/2	The same of	therapeutic intervention		SPACES SE			

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
6	NCT02126033	<u>Telomeres Parameters in Celiac</u> <u>Disease</u>	Title Acronym:	Unknown status	Celiac Disease	Procedure: take blood samples	Study Type: Interventional	Enrollment: 40	Meir Medical Center	• Other	Study Start:	
		Study Documents:	Other Ids: 1234				Phase:	Age: 18 Years and older			Primary Completion: December 2015	
							Not Applicable Study Design:	(Adult, Older Adult)			Study Completion:	
							Intervention Model: Parallel Assignment	Sex:			First Posted: April 29, 2014	
							Primary Purpose: Basic Science	All			Results First Posted: No Results Posted	
							Outcome Measures: telomere length				Last Update Posted: April 29, 2014	
7	NCT02844478	Stress-Busting Program and QoL, Bio-markers of Immunity/ Stress and Cellular Aging	Title Acronym: Other Ids:	Completed	•Stress, Psychological	Behavioral: SBP English	Study Type: Interventional	Enrollment:	•The University of Texas Health Science Center	• Other	Study Start: September 2016	•The University of Texas Heali Science Center at San Anton San Antonio, Texas, United
		Study Documents:	HSC20160309H		•Telomere Shortening •Stress,	• Behavioral: SBP SPANISH	Phase: Not Applicable	Age: 18 Years and older (Adult, Older	at San Antonio •WellMed Charitable		Primary Completion: June 2018	States
					Physiological		Study Design: •Allocation: Non-Randomized	Adult) Sex:	Foundation •The Claude D. Pepper Older	3	Study Completion: June 2018	
							Intervention Model: Single Group Assignment	All	Americans Independence		First Posted: July 26, 2016	
							• Masking: None (Open Label)		Centers •The Sam and Ann Barshop		Results First Posted: No Results Posted	
							Primary Purpose: Supportive Care		Institute for Longevity and Aging Studies		Last Update Posted:	
							Outcome Measures: •Telomere length		•San Antonio Geriatrics		October 16, 2018	
							•Salivary flow rate		Research Education and			
							•Saliva potential hydrogen (pH)		Clinical Center- GRECC			
							•Salivary protein		• Caring Companions			
							Perceived Stress Scale		•Alzheimer's			
							Center for Epidemiologic Depression (CES-D)		Association			
							•Screen for Caregiver Burden	SKEA A				
							•Salivary alpha Amyla <mark>se</mark> (sAA)					
							•Secretory immunoglobulin A (SlgA)			(4)		
							• C Reactive Protein (CRP)					

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT03056417	Impact of Lifestyle Changes on Telomeric Activity in Patients With Chronic Pain	Title Acronym: Other Ids:	Completed	Chronic Pain	Behavioral: The Complete Health Improvement	Study Type: Interventional	Enrollment: 67	Ohio University	• Other	Study Start: January 10, 2017	Ohio University, Athens, Ohi United States
		14X145			Program	Phase:	Age:			Primary Completion:	
	Study Documents:					Not Applicable	40 Years to 70 Years (Adult,			May 2019	
						Study Design:	Older Adult)			Study Completion:	
						•Allocation: Non-	Sex:			May 2019	
						Randomized	All			First Posted:	
						• Intervention Model: Parallel				February 17, 2017	
						Assignment				rebluary 17, 2017	
						Masking: None (Open Label)	1-31			Results First Posted:	
										No Results Posted	
						Primary Purpose: Basic Science		NAME OF THE PARTY		Last Update Posted:	
						Outcome Measures:				October 30, 2020	
						•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				77	
						changes as a result of					
						lifestyle change at 1-year follow-up	75			V	
						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 res <mark>ult of</mark>					
						lifestyle change at 1-year					
						follow-up			ale		
						C-reactive protein changes			2 3		
						as a result of lifestyle change					
						C-reactive protein changes				A CONTRACTOR OF THE PARTY OF TH	
						as a result of lifestyle		9			
						change at 1-year follow-up	A STATE OF	The state of the s			
							war war and the same of the sa				

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT01441037	<u>Danazol for Genetic Bone</u> <u>Marrow and Lung Disorders</u>	Title Acronym:	Completed	•Aplastic Anemia	Drug: Danazol	Study Type: Interventional	Enrollment: 27	National Heart, Lung, and Blood Institute (NHLBI)	• NIH	Study Start: July 19, 2011	National Institutes of Health Clinical Center, 9000 Rockvill Discount of the second of the
	Study Documents:	Other Ids: •110209 •11-H-0209				Phase: • Phase 1 • Phase 2	Age: 2 Years and older (Child, Adult, Older	National Institutes of Health Clinical		Primary Completion: November 14, 2016	Pike, Bethesda, Maryland, United States
						Study Design: •Allocation: N/A	Adult) Sex:	Center (CC)		Study Completion: November 14, 2016 First Posted:	
						 Intervention Model: Single Group Assignment 				September 27, 2011	
						Masking: None (Open Label)	Selve			Results First Posted: July 11, 2018	
						Primary Purpose: Treatment				Last Update Posted:	
						Outcome Measures: Number of Patients Having Attenuation of Accelerated Telomere Attrition				August 15, 2018	

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
)	NCT01993082	Fitness, Cellular Aging, and Caregiver Stress Study	Title Acronym: FAST	Unknown status	•Aging •Stress	Behavioral: Aerobic Training Intervention	Study Type: Interventional	Enrollment: 70	• University of California, San Francisco	• Other	Study Start: January 2014	 University of California, Sar Francisco, San Francisco, California, United States
		Study Documents:	Other Ids:		Disease Risk		Phase:	Age:			Primary Completion:	
		otady Boodinents.	R00HL109247-03				Not Applicable	50 Years to 75 Years (Adult,			August 2016	
							Study Design: •Allocation: Randomized	Older Adult) Sex:			Study Completion: January 2017	
							• Intervention Model: Parallel	All			First Posted:	
							Assignment Masking: None (Open				November 25, 2013	
							Label)	(68 N)			Results First Posted:	
							Primary Purpose: Basic Science	6			No Results Posted	
							Outcome Measures:		J. M.		Last Update Posted:	
							Change in Telomerase in Peripheral Blood Mononuclear Cells				January 13, 2016	
							Change in Cardiovascular Fitness			5		
							Change in Diastolic and Systolic Blood Pressure					
							Change in Psychological Well-being (general and daily)					
							Change in Telomere				7	
							Length in Leukocyte/ Peripheral Blood Mononuclear Cells	75			V	
							Change in Mitochondrial Functioning (Enzyme Activity, DNA Copy Number) in Peripheral Blood Mononuclear Cells					
							Change in Epigenetic Aging Profiles					
						Change in mRNA expression						

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT01062035	Study of a Screening Blood Test to Determine Patients'	Title Acronym:	Completed	Colonic Polyp		Study Type: Observational	Enrollment: 72	Mayo Clinic	• Other	Study Start: January 2010	Mayo Clinic Jacksonville, Jacksonville, Florida, United
	Potential Risk of Adenomatous	Other Ids:				Obscivational	12			January 2010	States
	or Advanced Colon Polyps (ACPs)	09-000131				Phase:	Age:			Primary Completion:	
						Study Design:	50 Years to 60 Years (Adult)			September 2013	
	Study Documents:					Observational Model: Case-Control	Sex:			Study Completion:	
						•Time Perspective:	Sex:			September 2013	
						Prospective.				First Posted:	
						Outcome Measures:				February 4, 2010	
						Telomere length are shorter	(GA)			Results First Posted:	
						in individuals with colon polyps.				No Results Posted	
						Polypoi				Last Update Posted:	
										June 26, 2014	
NCT01903655	Study of the Telomere- telomerase System and the	Title Acronym:	Unknown status	Depressive Disorder	Other: telomere	Study Type:	Enrollment:	• Centre Hospitalier	• Other	Study Start:	• CHU de Dijon, Dijon, Franc
	Expression of Candidate Genes	Other Ids:	Status	Disorder	length	Interventional	100	Universitaire		April 2010	
	in the Leukocytes of Patients With Depressive Disorder:	Chauvet PHRC IR				Phase:	Age:	Dijon		Primary Completion:	
	Search for Peripheral Markers of	2009				Not Applicable	Child, Adult, Older Adult			April 2014	
	Somatic Stress					Study Design:	Sex:			Study Completion:	
	Study Documents:					•Allocation: Randomized	All			First Posted:	
						• Intervention Model: Parallel Assignment				July 19, 2013	
						• Masking: None (Open				Results First Posted:	
						Label)	75			No Results Posted	
						Outcome Measures:				Last Update Posted:	
						•Telomere length • level of oxidative stress.				July 19, 2013	
										July 19, 2013	

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

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT01247584	Biomarkers in Samples From	Title Acronym:	Completed	• Leukemia	Genetic: DNA	Study Type:	Enrollment:	• Children's	• Other	Study Start:	
	Young Patients With Acute Myeloid Leukemia	Other Ids:			analysis • Genetic: mutation	Observational	234	Oncology Group	•NIH	November 2010	
		•AAML11B2			analysis	Phase:	Age:	National Cancer Institute (NCI)		Primary Completion:	
	Study Documents:	•COG-AAML11B2			Genetic:	Study Design:	up to 21 Years (Child, Adult)			May 2016	
		• NCI-2011-02846			polymerase chain reaction	Observational Model:	(Cilia, Addit)			Study Completion:	
					Other: laboratory	Case-Only	Sex:				
					biomarker analysis	•Time Perspective: Retrospective	All			First Posted: November 24, 2010	
						Outcome Measures:				Results First Posted:	
						Frequency of mutations	(SA)			No Results Posted	
						Relapse-free survival				Last Update Posted:	
						Overall survival		SEAL STREET		May 19, 2016	
						Difference in telomere length				0	
NCT01510600	Studying Biomarkers in Samples From Patients With High-Risk	Title Acronym:	Completed	Neuroblastoma	Genetic: DNA analysis	Study Type: Observational	Enrollment:	Children's Oncology Group	•Other •NIH	Study Start: January 2012	
		Other Ids:			• Genetic:	Phase:	Ago	National Cancer		21 2 11	
	Study Documents:	•ANBL12B5			polymerase chain reaction	Filase.	Age: up to 30 Years	Institute (NCI)		Primary Completion: May 2016	
	,	• COG-ANBL12B5 • CDR0000722061			Other: laboratory	Study Design:	(Child, Adult)				
		• NCI-2012-00109			biomarker analysis	Observational Model: Cohort	Sex:			Study Completion: May 2016	
		1101-2012-00109			Other: medical chart review	•Time Perspective:	All				
					onare review	Retrospective				First Posted:	
						Outcome Measures:	915			January 16, 2012	
						•The sensitivity and				Results First Posted:	
						spe <mark>cifici</mark> ty, as well as the optimal cut-off, for				No Results Posted	
						telomere length (TL)				Last Update Posted:	
						qPCR as an ALT detection method				May 19, 2016	
						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					
					all ALI			3 3			

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02766790	Effect of TA-65MD on Healthy Volunteers	Title Acronym: TA-65MD	Unknown status	• Healthy	• Dietary Supplement: TA-65MD	Study Type: Interventional	Enrollment: 500	•Telomerase Activation Sciences, Inc	• Industry	Study Start: May 2016	•QPS Bio-Kinetic, LLC, Springfeild, Missouri, Unite States
	Study Documents:	Other Ids: 53816			Other: Placebo	Phase: Not Applicable	Age: 45 Years to 75			Primary Completion: May 2017	
						Study Design: •Allocation: Randomized	Years (Adult, Older Adult)			Study Completion: July 2017	
						Intervention Model: Parallel Assignment	Sex:			First Posted: May 10, 2016	
						Masking: Double (Participant, Investigator)				Results First Posted:	
						Outcome Measures:	27			No Results Posted	
						Percent of Immunesenescent cells clinical laboratory markers Telomere length				Last Update Posted: June 3, 2016	
NCT02368821	From Cytotrophoblast to Syncytiotrophoblast	Title Acronym:	Unknown status	•Syncytiotrophoblast		Study Type: Observational	Enrollment:	• Meir Medical Center	•Other	Study Start: March 2015	
	Church De suma mater	Other Ids:				Phase:	Age:			Primary Completion:	
	Study Documents:	Other Ids: 0202-14-MMC				Phase: Study Design:	Age: 18 Years to 45 Years (Adult)			Primary Completion: January 2017	
	Study Documents:					Study Design: Observational Model: Case-	18 Years to 45 Years (Adult)				
	Study Documents:					Study Design: Observational Model: Case-Control	18 Years to 45			January 2017 Study Completion: First Posted:	
	Study Documents:					Study Design: Observational Model: Case-	18 Years to 45 Years (Adult) Sex:			January 2017 Study Completion:	
	Study Documents:					Study Design: Observational Model: Case-Control Outcome Measures:	18 Years to 45 Years (Adult) Sex:			January 2017 Study Completion: First Posted:	

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

NCT0432	21187 Influence of Prostate Cancer Radiation on Aging	Title Acronym:	Recruiting	Prostate Cancer	Study Type:	Enrollment:	Medical	041		
		Other Ids:		•Aging Disorder	Observational	334	University of Graz	• Other	Study Start: September 1, 2019	 Medical University of Graz, Graz, Austria
	Study Documents:	31-437 ex 18/19		Radiotherapy; Complications	Phase:	Age: 70 Years to 100			Primary Completion: August 31, 2021	
				Inflammation	Study Design: • Observational Model: Case-Only	Years (Older Adult)			Study Completion: August 31, 2022	
					•Time Perspective: Prospective	Sex: Male			First Posted: March 25, 2020	
					Outcome Measures: • Functionality - activities of daily living				Results First Posted: No Results Posted	
					Functionality - instrumental activities of daily living				Last Update Posted:	
					Cognitive disorder Comorbidities				April 14, 2021	
					Mental disorder Mobility					
					Number of medications taken			9		
					Radiation induced toxicity					

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
1	NCT02876653	Accelerated Aging in Middle- Aged Men With Sleep- disordered Breathing.	Title Acronym: SAOS	Completed	Obstructive Sleep Apnea	Other: Polysomnography , blood collection,	Study Type: Interventional	Enrollment: 53	•Assistance Publique - Hôpitaux de	• Other	Study Start: March 2011	Henri Mondor Hospital, Cretei France
		Study Documents:	Other Ids: P091110			bone densitometry and Functional respiratory explorations	Phase: Not Applicable	Age: 20 Years to 65 Years (Adult,	Paris		Primary Completion: January 2014	
						одроганоно	Study Design: •Allocation: Non- Randomized	Older Adult) Sex:			Study Completion: January 2014	
							Intervention Model: Parallel Assignment Macking Name (Open)	Male			First Posted: August 24, 2016	
							Masking: None (Open Label) Primary Purpose: Basic Science	E P			Results First Posted: No Results Posted	
							Outcome Measures:				Last Update Posted: August 24, 2016	
							•Telomere length of circulating leukocytes					
							Carotid-femoral pulse wave velocity			3	3	
							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
2	NCT01959126	Health Enhancement And Resilience Training	Title Acronym: HEART	Completed	•Stress •Aging	Behavioral: Stress- reduction class	Study Type: Interventional	Enrollment: 70	University of California, San Francisco	• Other	Study Start: May 2013	 University of California, Sar Francisco, San Francisco, California, United States
		Otrodo Do como o ta	Other Ids:		•Well-being		Phase:	Age:			Primary Completion:	, , , , , , , , , , , , , , , , , , , ,
		Study Documents:	10-02063				Not Applicable	20 Years to 50 Years (Adult)			November 2015	
							Study Design:	rears (Addit)			Study Completion:	
							•Allocation: N/A	Sex:			November 2015	
							Intervention Model: Single Group Assignment	Female			First Posted:	
							Masking: None (Open Label)				October 9, 2013	
							Primary Purpose: Basic	SAIN			Results First Posted:	
							Science Science	6			No Results Posted	
							Outcome Measures:	glijulla.	J. A.		Last Update Posted:	
							•Salivary telomere length				January 26, 2021	
							Psychological Well-Being					
							•Telomere length from blood cells					
							•Telomerase					
							Cognitive functioning					
3	NCT02530255	Telomerase Activator and	Title Acronym:	Completed	•Alzheimer Disease	Dietary	Study Type:	Enrollment:	Chippewa Valley	•Other	Study Start:	Chippewa Valley Eye Clini
		Retinal Amyloid	Other Ids:			Supplement: cycloastragenol	Interventional	48	Eye Clinic		December 1, 2016	Eau Claire, Wisconsin, Un States
		Study Documents:	TAS-003-AD			• Dietary	Phase:	Age:	•TA-Sciences		Primary Completion:	Oldios
		Study Documents.				Supplement:	Not Applicable	50 Years to 70			October 31, 2018	
						placebo (for cycloastragenol)	Ctudy Decigns	Years (Adult, Older Adult)				
						oyoloastragerior)	Study Design: •Allocation: Randomized	Older Addity			Study Completion: December 31, 2018	
							• Intervention Model: Parallel	Sex:			3	
								All			First Posted:	
							Assignment					
							Masking: Triple				August 21, 2015	
							Masking: Triple (Participant, Investigator,				Results First Posted:	
							Masking: Triple (Participant, Investigator, Outcomes Assessor)					
							Masking: Triple (Participant, Investigator,				Results First Posted: No Results Posted	
							Masking: Triple (Participant, Investigator, Outcomes Assessor) Primary Purpose:				Results First Posted:	
							Masking: Triple (Participant, Investigator, Outcomes Assessor) Primary Purpose: Treatment Outcome Measures: Retinal Amyloid Index				Results First Posted: No Results Posted Last Update Posted:	
							Masking: Triple (Participant, Investigator, Outcomes Assessor) Primary Purpose: Treatment Outcome Measures:				Results First Posted: No Results Posted Last Update Posted:	

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT02592564	Brain Plasticity and Cellular Aging After Internet-delivered CBT for Social Anxiety Disorder	Title Acronym: UMEII	Unknown status	•Anxiety Disorders •Social Anxiety	Behavioral: Internet-delivered cognitive behavior	Study Type: Interventional	Enrollment: 50	• Linkoeping University	• Other	Study Start: October 2015	 Umeå university, Umeå, Sweden
	Study Documents:	Other Ids: UMESTUDIEN-II		Disorder	therapy	Phase: Not Applicable	Age: 18 Years to 65	Umeå University Uppsala		Primary Completion: April 2017	
		SWEG TO BIETY II				Study Design:	Years (Adult, Older Adult)	University •Stockholm University		Study Completion:	
						•Allocation: N/A •Intervention Model: Single	Sex:	Karolinska Institutet		May 2021 First Posted:	
						Group Assignment Masking: None (Open	All	monuter		October 30, 2015	
						Label) • Primary Purpose:	(3.5)			Results First Posted: No Results Posted	
						Treatment Outcome Measures:		NAME OF THE PARTY		Last Update Posted:	
						Clinically Global Impression-Improvement scale (CGI-I; Change from baseline)				September 1, 2017	
						Liebowitz Social Anxiety Scale, Self-report version (LSAS-SR; Change from baseline)			=		
						Clinically Global Impression-Severity scale (CGI-S)				4	
						•Social Phobia Screening Questionnaire (SPSQ)	5155				
						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					

NO	CT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations					
N	CT02459639	Existential Genomics: Effects of Multimodal Rehabilitation and Integrative Care on Patients	Title Acronym: ExiGence	Unknown status	Chronic Pain	Other: Anthroposophic integrative care	Study Type: Observational	Enrollment: 100	•The Integrative Care Science Center	• Other	Study Start: June 2015						
		With Chronic Pain	Other Ids: 2014-37			rehabilitation program	Phase:	Age: 18 Years and older	University Hospital,		Primary Completion: May 2017						
		Study Documents:				Other: Conventional multi-modal care	Study Design: Observational Model: Cohort	(Adult, Older Adult)	Linkoeping • Ekhagastiftelsen		Study Completion:						
						rehabilitation	•Time Perspective: Prospective	Sex:			May 2017 First Posted:						
							Outcome Measures: •Telomere length from blood sample leucocyte cells •Telomerase activity from blood sample leucocyte cells				June 2, 2015						
								(2)			Results First Posted: No Results Posted						
									E.M.		Last Update Posted: June 3, 2015						
												• Hb - hemoglobin status					
							Cholesterol: Blood cholesterol levels			· S							
							C-Reactive Protein levels in blood sample										
							•Trigyceride levels in blood sample										
							• Glucose levels in blood sample				7						
							 LDL-cholesterol levels in blood sample 										
							HDL-cholesterol levels in blood sample										
							Blood pressure and 11 more										

1	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
1 6	NCT01857830	The Relaxation vs. Retreat Study	Title Acronym: R&R	Completed	•Stress •Ageing	Behavioral: Meditation Retreat Behavioral: Active	Study Type: Interventional	Enrollment: 96	University of California, San Francisco	• Other	Study Start: April 2013	 Chopra Center for Wellbein Carlsbad, California, United States
		Study Documents:	Other Ids: 12-1039		•Wellbeing	Comparator Relaxation Group	Phase: Not Applicable	Age: 30 Years to 60 Years (Adult)			Primary Completion: July 2013	
							Study Design: •Allocation: Randomized	Sex:			Study Completion: July 2013	
							Intervention Model: Parallel Assignment Masking: None (Open	Tomale			First Posted: May 20, 2013	
							Label) • Primary Purpose: Basic Science				Results First Posted: No Results Posted	
							Outcome Measures: •Telomerase		A STATE OF THE STA		Last Update Posted: August 21, 2013	
							Amyloid Beta Proteins Psychological Well being					
							Oxytocin Telomere Length					
							Gene Expression					
1	NCT04685642	Anti-inflmmation Treatment in Mood Disorder and Deep Learning Prediction Model	Title Acronym: Other Ids:	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:	109-2314-B-010 -050 -MY3				Phase: Phase 4	Age: 20 Years to 65 Years (Adult,	Tioopia, Tanan		Primary Completion: July 31, 2023	
							Study Design: •Allocation: Randomized	Older Adult) Sex:			Study Completion: July 31, 2023	
							Intervention Model: Parallel Assignment Masking: None (Open	All			First Posted: December 28, 2020	
							Label) • Primary Purpose: Treatment				Results First Posted: No Results Posted	
							Outcome Measures: • Reduction rate the clinical				Last Update Posted: December 28, 2020	
							symptoms after original treatment combined aspirin or atorvastatin.					
							•The T1-weight •The resting fMRI					

NCT Numb	er Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT04110	Tolerability of Libella Gene	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, Zipaquira Cundinamarca, Colombia
	Therapy for Critical Limb Ischemia: AAV- hTERT	Other Ids:				Dhara	A				
		LibellaCO-01				Phase: Phase 1	Age: 45 Years and older			Primary Completion: December 2020	
	Study Documents:						(Adult, Older			December 2020	
						Study Design:	Adult)			Study Completion:	
						•Allocation: N/A	Sex:			December 2020	
						• Intervention Model: Single Group Assignment	All			First Posted:	
						Masking: None (Open				October 1, 2019	
						Label)				Results First Posted:	
						Primary Purpose:				No Results Posted	
						Treatment					
						Outcome Measures:	Tolinkle -			Last Update Posted:	
						Incidence of adverse events				October 28, 2019	
						•hTERT expression and	4.				
						telomerase activity				3	
NCT04133		Title Acronym:	Unknown	•Aging	Drug: AAV-hTERT	Study Type:	Enrollment:	• Libella Gene	• Industry		• IPS Arcasalud SAS, Zipaquir
	Therapy for the Treatment of	olerability of Libella Gene herapy for the Treatment of Other Ids:	status			Interventional	5	Therapeutics		October 17, 2019	Cundinamarca, Colombia
	Aging: AAV- hTERT	LibellaCO-03				Phase:	Age:			Primary Completion:	
	Study Documents:					Phase 1	45 Years <mark>and old</mark> er (Adult, Older			January 2021	
	Ciddy Doodinents.					Study Design:	Adult)			Study Completion:	
						•Allocation: N/A	Covi			January 2021	
						• Intervention Model: Single	Sex:			First Posted:	
						Group Assignment				October 21, 2019	
						• Masking: None (Op <mark>en</mark> Label)				4	
						Primary Purpose:				Results First Posted:	
						Treatment				No Results Posted	
						Outron Management				Last Update Posted:	
						Outcome Measures: • Incidence of adverse				December 10, 2019	
						events					
						•hTERT expression and					
						telomerase activity					

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

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

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
NCT04715828	the Nuclear Structure of Human	Title Acronym:	Recruiting	•Sperm Preservation • Irradiated Semen	Other: Cryopreserved	Study Type: Observational	Enrollment: 200	University Hospital, Clarge and	• Other	Study Start: January 1, 2018	CHU de Clermont-Ferrand Clermont-Ferrand, France
	Spermatozoa.	Other Ids: 2020 PONS-			• Other: Acute and	Phase:	Age:	Clermont- Ferrand		Primary Completion:	
	Study Documents:	REJRAJI			low irradiation Other: Long and	Study Design:	Years (Adult) Biomédecine —	January 1, 2022			
					low irradiation Other: Long and	Observational Model: Cohort	Sex:			Study Completion: January 1, 2022	
					medium irradiation	•Time Perspective: Prospective	Male			First Posted:	
						Outcome Measures:				January 20, 2021	
						•To measure in vitro the impact of an ionizing	894			Results First Posted: No Results Posted	
						radiation treatment on sperm nuclear quality and in particular the size of telomeres.				Last Update Posted: January 20, 2021	
						•To measure in vitro the					
						impact of an irradiation dose of I131 on sperm nuclear quality, notably on STL.			5		
						•to measure RAT impact on sperm parameters (vitality, motility and morphology)					
						•To measure in vitro the impact of cryopreservation				7	
						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 standa <mark>rds</mark> sperm parameters					
						(vitality, motility and morphology) and nuclear sperm parameters (DNA fragmentation and					
					Marie Care	oxidation, chromatin condensation and organisation, nucleus					
						morphology and STL.					

	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	Study Type: Interventional	Enrollment: 60	University Medical Center, Kazakhstan	• Other	Study Start: May 24, 2018	 National Scientific Center for Oncology and Transplantation Astana, Kazakhstan
			Other Ids:			bypass	Phase:	Age:			Primary Completion:	
		Study Documents:	UMC			Dietary Supplement:	Not Applicable	18 Years to 65 Years (Adult,			April 10, 2020	
						Hypocaloric diet	Study Design:	Older Adult)			Study Completion:	
						therapy	•Allocation: Randomized	Sex:			April 10, 2020	
							• Intervention Model: Parallel	All			First Posted:	
							Assignment				September 12, 2018	
							 Masking: Quadruple (Participant, Care Provider, 				Results First Posted:	
							Investigator, Outcomes Assessor)				No Results Posted	
							Primary Purpose: Treatment				Last Update Posted:	
							Outcome Measures:				April 15, 2020	
							Change of body mass index					
							Changes of comorbidities	E		5		
							Changes in the length of leukocyte telomere					
							Change of Quality of life					

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations														
NCT02623894	Influence of Different Risk Factors in Vascular Accelerated Aging (EVA Study)	Title Acronym: Other Ids:	Completed	• Healthy		Study Type: Observational	Enrollment: 500	Fundacion para la Investigacion y Formacion en	• Other	Study Start: October 2015	 Primary care Research uni La Alamedilla health centre Salamanca, Spain 														
	Study Documents:	GRS 1193/B/15				Phase:	Age: 35 Years to 75	Ciencias de la Salud		Primary Completion: December 2017	Manuel A Gómez Marcos Salamanca, Spain														
						Study Design: Observational Model: Case-Only	Years (Adult, Older Adult)	Castilla-León Health Service		Study Completion: December 2017															
						•Time Perspective: Cross- Sectional	Sex:			First Posted:															
						Outcome Measures:				December 8, 2015															
							 Cardio-ankle vascular index 	551			Results First Posted: No Results Posted														
								Brachial-ankle pulse wave velocity (ba-PWV)				Last Update Posted:													
							•Ankle-brachial index			February 21, 2020															
									Central augmentation index	L. JA															
																							Carotid Intima Media Thickness	ENG	
						 Evaluation of retinal vessels 																			
						•Adherence to the mediterranean diet																			
						Objective measure of physical activity				2															
						•Self-reported physical activity	75			N .															
						•Sedentary time																			
						 Subjective assessment of physical activity 																			
						Carotid-femoral pulse wave velocity																			

NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/ Collaborators	Funder Type	Dates	Locations
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,
	Study Documents:	Other Ids: 2013/005/HP		Phase:	Age: 18 Years and older			Primary Completion: December 2016	FranceLaboratoire de Biologie de		
						Study Design: Observational Model: Cohort	(Adult, Older Adult)			Study Completion:	la Reproduction - CECOS - EA 4308, CHU - Hôpitaux o Rouen, Rouen, France
						•Time Perspective: Prospective	Sex:			January 2017 First Posted:	
						Outcome Measures:				December 10, 2013	
						Correlation coefficient between mean vacuole areas in sperm heads	(2)			Results First Posted: No Results Posted	
						(measured by MSOME) and sperm aneuploidy rates for chromosomes X,		1		Last Update Posted: January 20, 2017	
						Y and 18 (evaluated by FISH)					
						•Total sperm count • Percentage of mobile			5		
						spermatozoa • Percentage of morphologically abnormal					
						• Mean vacuole area threshold (measured with Receiver Operating				4	
						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)					

Shown high related Clinical Trials, 157 additional studies not shown