

Projects of LGSA members and associated LGSA members (incomplete due to data protection) as of April 26, 2019

Surname	First Name	Nationality	Thesis Title	Supervisor
Aly	Yasser Said Helmy	Egypt	In vivo study of human DHX9 Helicase Functions	Frank Große (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Helmut Pospiech (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Amro	Elias	Palestine	Dietary mediated changes of stress responses in ageing stem cells.	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Annunziata	Francesco	Italy	DNA and Histone proteins epigenetic modifications analysis during aging	Francesco Neri (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Atteya	Reham Mohamed Mahmoud	Egypt	The canonical and non-canonical functions of DNA damage-response molecules	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Bajwa	Seerat	Pakistan	DNA damage pathways in association with ageing	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Bartolome	Aleksandar	Serbia	Investigating the proteostasis network during stress response and aging using proximity ligation coupled to mass spectrometry	Alessandro Ori (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Steve Hoffmann (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Becker	Friedrich	Germany	Epigenetic alterations of aged muscle stem cells	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Behrendt	Laura	Germany	The role of membrane-shaping proteins in hereditary axonopathies	Christoph Kaether (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Carlstedt	Annemarie	Germany	Investigation of the altered Merlin dependent signaling network involved in NF2 disease	Helen Morrison (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Caterino	Cinzia	Italy	Isolation and characterization of synaptosomes during aging	Alessandro Cellerino (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Chang	Iree	Malaysia	Intercellular transport of age-relevant proteins in neurons	Christoph Kaether (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Chaudhari	Prerana Shrikant	India	Using C. elegans as a model for studying host-microbiome interactions	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Chen	Yulin	China	Functional genomics analysis of clonal mutation in aging hematopoietic stem cells and myeloid leukemia formation	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Cramer	Paul	Germany	Identification of YAP1 modulators using a genome-wide functional screening	Björn von Eyß (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Dakhovnik	Oleksandr	Ukraine	Metformin supplementation starting from old age C. elegans exhibits high toxicity and median lifespan reduction	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Deb	Sarmistha	India	Tnfaip2 induces differentiation of pluripotent stem cells and inhibits induction of pluripotency	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Demircan	Muhammed Burak	Turkey	Blockade of ROS Production as Therapeutic Approach in FLT3ITD-positiov AML	Florian Heidel (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Aria Baniahmad (Jena University Hospital (UKJ))
Di Sanzo	Simone	Italy	Investigating the relationship between protein glycation and aggregation in stem cells and tissues	Alessandro Ori (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Elster	Dana	Germany	Control mechanisms of YAP activity	Björn von Eyß (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Engelmann	Christian	Germany	The role of NF-kappaB subunits in maintenance, plasticity and integrity of the adult brain.	Ronny Hänold (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Fanaeikahrani	Zahra	Islamic Republic of Iran	Modulation of PARP1 enzymatic activity in genotoxic response and tissue homeostasis	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))

Surname	First Name	Nationality	Thesis Title	Supervisor
Garside	George	United Kingdom	An in vivo lentiviral CRISPR/Cas screen of ageing-related genes in mice	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Gebert	Nadja	Germany	Functional relevance of aging-related alterations in proteome homeostasis	Alessandro Ori (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
González Delgado	Jule	Germany	Role of proteins involved in membrane and actin cytoskeleton dynamics in aging dependent impairments of neuronal plasticity and regeneration (Pro Excellence Initiative - RegenerAging)	Britta Qualmann (Jena University Hospital (UKJ))
Greifenstein	Andreas	Germany	Epigenetic gene regulation by non-coding RNAs and non-canonical nucleic acid structures	Holger Bierhoff (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Henze	Henriette	Germany	Impact of denervation on satellite cell functionality	Julia von Maltzahn (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Hopfenmüller	Vera	Germany	Establishment of a conditional gene knockout in zebrafish	Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Huber	Nicolas	Germany	Mechanisms of telomere dysfunction and asymmetric cell division in stem cell aging	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Husak	Olena	Russian Federation	Epigenetic stress response during calorie restriction in ageing intestine	Francesco Neri (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Hüttner	Sören	Germany	The role of Hippo-signaling in adult satellite cell homeostasis	Julia von Maltzahn (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Jaiswal	Amit	India	The molecular mechanism and the role of metabolic regulation in stem cell ageing	Zhenyu Ju (Hangzhou Normal University (HNU)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Kamaletdinova	Tatiana	Russian Federation	Chk1 interaction with PAR regulates the organism development and tissue homeostasis	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Kim	Kyung Mok	Republic of Korea	The in vivo Role of Yap and Taz during Regeneration and Aging	Björn von Eyß (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Christian Kosan (Friedrich Schiller University Jena (FSU))
Klare	Sebastian	Germany	Analyse konditionaler RER1-Knockout Mäuse	Christoph Kaether (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Kristofova	Martina	Slovakia	MCPH1-mediated regulation of neurogenesis and neural stem cell fate	Alessandro Ori (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Krug	Johannes	Germany	Establishing the short-lived African killifish <i>Nothobranchius furzeri</i> as a tumor model	Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Kumar	Amit	India	Structural investigations on heme-interacting proteins	Oliver Ohlenschläger (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Stefan H. Heinemann (Friedrich Schiller University Jena (FSU))
Kutz	Julia	Germany	Cdc45 - der limitierende regulatorische Faktor der humanen DNA-Replikation	Helmut Pospiech (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Lässig	Julia	Germany	The role of exosomes in nervous system regeneration and aging.	Helen Morrison (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Lazaro Pellon	David	Spain	Role of epigenetic modulation in neuron migration and impairment of adult neuroregeneration	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Li	Huahui	China	The role of WNT2 in regulating esophageal cancer cell stress response	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Lu	Jing	China	Transcriptional and epigenetic landscape of intestinal epithelial cells during aging and inflammatory stress	Francesco Neri (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Steve Hoffmann (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Martirosyan	Asya	Armenia	Dissecting genetic basis of radiation hormesis and testing effects of low dose ionising radiation on homeostasis of murine tissues	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))

Surname	First Name	Nationality	Thesis Title	Supervisor
Martirosyan	Asya	Armenia	Dissecting genetic basis of radiation hormesis and testing effects of low dose ionising radiation on homeostasis of murine tissues	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Mazzetto	Mariateresa	Italy	Proteome and transcriptome regulation during aging in the new aging model <i>Nothobranchius furzeri</i>	Alessandro Cellerino (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Murali	Shyamkrishnan	India	Delineating the cellular phenotypes and bone marrow microenvironmental dynamics in stress hematopoiesis and regeneration	Claudia Waskow (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Mura-Mészáros	Anna	Hungary	The Role of Hippo Signaling in Stem Cell Aging	Björn von Eyß (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Christian Kosan (Friedrich Schiller University Jena (FSU))
Njeru	Sospeter	Kenya	ORP3 is a Tumour Suppressor Protein in the B-Cell Lineage of Aging Mice	/ Stephan Diekmann (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Omrani	Omid	Islamic Republic of Iran	Intestine specific deletion of H2AX promotes premature aging in telomerase deficient mice	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Penndorf	Diane	Germany	Re-induction of cell cycle regulators in postmitotic CNS - a biomarker for aging and disease? (Pro Excellence Initiative - RegenerAging)	Alexandra Kretz (Jena University Hospital (UKJ)) / Otto W. Witte (Jena University Hospital (UKJ))
Pereira Carvalho Guerra	Gabriela	Portugal	Role of Smg6 in neurogenesis	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Poliezhaieva	Tetiana	Ukraine	Delineating the role of mitochondria in adaptive stress responses and longevity regulation	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Rasa	Seyed Mohammad Mahdi	Islamic Republic of Iran	Transcriptomics and epigenetics of adult stem cells aging	Francesco Neri (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Santos Valentim	Isabela	Brazil	Studying mechanisms of age-linked neurodegeneration and neuroprotection in the <i>C. elegans</i> model	Maria Ermolaeva (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)), Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Schüler	Svenja	Germany	Functional analyses of proteomic changes in skeletal muscle and satellite cells during aging	Alessandro Ori (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Schwarz	Robert	Germany	Characterizing the repeatome and it's activity	Steve Hoffmann (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Siniuk	Kanstantsin	Belarus	Poly-ADP-ribose regulation in cell cycle control and cancer therapy	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Sirvinskas	Dovydas	Lithuania	Analysis and comparison of epigenetic modifications in intestinal stem cells derived from young and old individuals	Francesco Neri (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Stockdale	Amy Catherine	United Kingdom	Adaptive molecular mediators that contribute to healthy brain aging	Helen Morrison (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Suo	Miaomiao	China	The role of <i>Igf2bp2</i> in oogenesis and embryogenesis	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Tian	Ailing	China	Branched chain amino acids and proteostasis of hematopoietic stem cells during aging	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Troisi	Fabiana	Italy	Influence of aging and gender on macrophage polarization and functional consequences for resolution of inflammation, tissue repair and remodeling (Pro Excellence Initiative - RegenerAging)	Oliver Werz (Friedrich Schiller University Jena (FSU))
Tubio Santamaria	Nuria	Spain	Investigating proteostasis in hematopoiesis and leukemic transformation	Florian Heidel (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)) / Holger Bierhoff (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))

Surname	First Name	Nationality	Thesis Title	Supervisor
Vetterlein	Isabell	Germany	Hypermutators and error catastrophe and their relevance for therapy	Helmut Pospiech (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Wroblewski	Hanno	Germany	tba	Christoph Englert (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Xu	Rufang	China	Mechanistic investigation of USP11 in eplication stress response and neurogenesis	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Yi	Weiwei	China	Reactive Nitrogen Species prompt mitochondria metabolism regulates HSC fate	Zhenyu Ju (Hangzhou Normal University (HNU)) / Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Yin	Bokun	China	On the role of lysine acetylation in neuronal functionality	Zhao-Qi Wang (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))
Zarkovic	Milena	Serbia	Age dependence of adaptive responses to axon degeneration (Pro Excellence Initiative - RegenerAging)	Christian Hübner (Jena University Hospital (UKJ))
Zhang	Fukai	China	Cohesin in the control of gene expression, cell identity and function of the hematopoietic system	Karl Lenhard Rudolph (Leibniz Institute on Aging - Fritz Lipmann Institute (FLI))