

Newsletter of the LRA Healthy Ageing

01/2019 | 14/01/2019

This newsletter contains news from the LFV Healthy Ageing as well as all the latest from ageing research, information on projects, networks and cooperation as well as events. I wish you all a happy new year and look forward to working together with you in 2019.



Best Regards,
Astrid van der Wall

Overview

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Aktuelles aus dem LFV Healthy Ageing



Bildquelle: LFV Healthy Ageing / pigurdesign Potsdam.

Symposium 2019: Don't forget to register - registration closes on 18 January!!

Registration for the upcoming symposium at FMP in Berlin-Buch is open. You can still register for the symposium **until 18 January 2019** › Registration. The symposium will be held from 20-22 February 2019 at the Leibniz-

Forschungsinstitut für Molekulare Pharmakologie in Berlin-Buch. You can find all the information you need on the programme, focus groups, venue and accommodation options on our › website. We were able to

secure funding from the Joachim Herz Stiftung for the symposium. This will primarily be used to attract young researchers. The previous two-day symposium will be extended by a

Junior Research Day at the FMP on 22 February 2019.

› Website of the Symposiums

News and Findings on Ageing Research

Researchers at the University of Rostock redefine health and ageing

University Rostock, 18/12/2018

Health and ageing research lacks clear definitions – Rostock researchers have started getting things in order.

“Get more out of every day” – a popular quote, whose actual meaning Rostock researchers took a closer look at. The aim was to formulate generally accepted definitions for terms from health and ageing research in order to resolve the current confusion of terms and concepts. Initial results have now been published in the oft-quoted “Aging and Disease” journal. This will enable health research data, including data from different sources, to be more easily linked and compared in future.

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Volker Haucke receives Feldberg Prize

FMP Leibniz-Institut für Molekulare Pharmakologie, 10/01/2019

Prof. Volker Haucke, Director at the Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) receives the Feldberg Prize 2020, which is awarded annually by the Feldberg Foundation for anglo-german scientific exchange. The aim is to promote scientific exchange between British and German researchers in the field of experimental medicine, in particular in the disciplines of physiology and pharmacology.

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Lost in the jungle of signs: are older drivers less attentive?

IfADo Leibniz Research Centre for Working Environment and Human Factors, 09/01/2019

Listening to the radio, paying attention to a navigation device and responding to road signs, all at the same time, is an everyday situation when driving. A number of different stimuli have to be processed in parallel. Dr Melanie Karthaus studied the effect of distractions on the reactions of younger and older drivers in critical driving situations at the Leibniz Research Centre for Working Environment and Human Factors at the technical University of Dortmund (IfADo). The results were recently published in the Frontiers in Neurosciences journal.

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Cohesin down-regulation drives hematopoietic stem cell aging

FLI Leibniz Institute on Aging - Fritz Lipmann Institute 14/12/2018

Organism aging is characterized by increases in inflammation and decreases in stem cell function. The relationship between these processes remains incompletely understood. Researchers of the Leibniz Institute on Aging (FLI) in Jena, Germany, identified a new role of the protein cohesin in mediating inflammatory signaling in hematopoietic stem cells (HSCs). Cohesin is required for gene regulation during normal differentiation, but chronic inflammation in aging impairs the function and self-renewal of HSCs by constant activation of cohesin-mediated inflammatory signals. HSC with reduced cohesin, increased self-renewal and skewed differentiation are selected, resembling the hallmarks of hematopoietic aging.

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Memory researchers receive the Hugo Junkers Award for the Rhodiola active ingredient

LIN Leibniz Institute for Neurobiology, 13/12/2018

A team from the Leibniz Institute for Neurobiology (LIN) and the Institute of Plant Biochemistry (IPB), the Otto von Guericke University Magdeburg (OVGU) and the German Center for Neurodegenerative Diseases (DZNE) finished in 3rd place at this year's Hugo Junkers Award. The researchers from Magdeburg and Halle received the award in the "Most Innovative Fundamental Research Project" category. They identified an active ingredient from the medicinal plant *Rhodiola rosea* and demonstrated its memory-stimulating effect in animal experiments for the very first time.

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Newly developed eczema during aging: What influence do genes and air pollution have?

IUF Leibniz Research Institute for Environmental Medicine 23/11/2018

Little is known about eczema in the elderly. New insights on this topic were recently published in the Journal of Allergy and Clinical Immunology. They are based on a two-step investigation of researchers from the IUF in Düsseldorf, Germany.

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Further insights into the mechanisms of healthy ageing in roundworms

IUF Leibniz Research Institute for Environmental Medicine 23/11/2018

What mechanisms ensure healthy ageing? Researchers at the IUF and the HHU in Düsseldorf are investigating precisely this in roundworms, an established organism in age research. A study published in "EMBO Reports" provided new insights into the mechanisms of longevity with reduced mitochondrial activity.

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Calls

Healthy Ageing Research

Velux Stiftung

The Velux Stiftung supports research that aims to maintain or increase the functional ability of older people. This includes basic as well as applied research in the fields of biology, medicine, psychology and neurosciences. Life expectancy has increased dramatically in the industrialized countries. Unfortunately, age also represents one of the greatest risk factors for many diseases. We should therefore strive to keep the time period in which we are limited by disease or ailments short.

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Joint Sino-German Research Projects 2019 in Chemistry, Life Sciences, Medical Sciences and Management Sciences

DFG, 07/01/2019

The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) and the National Natural Science Foundation of China (NSFC) are continuing their long-standing collaboration in the field of joint Sino-German research projects.

This initiative aims to bring together relevant and competitive researchers from Germany and China to design and carry out jointly organised research projects of outstanding scientific quality. Funding within this initiative will be available for collaborative research projects consisting of researchers from both partner countries. Within these research teams, each national funding organisation will generally only fund those project components that are carried out within its own country. The collaborative research projects must involve active communication and cooperation between the participating researchers.

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Funding Opportunities for Indo-German Fundamental Research Projects in the Life Sciences

DFG, 06/12/2018

DBT and DFG offer synchronised funding for fundamental research projects in all fields of the life sciences

The Department of Biotechnology (DBT) and the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) wish to inform the Indian and German scientific communities that effective immediately, it is possible for teams of Indian and German researchers to seek synchronised funding for integrated Indo-German cutting-edge fundamental research projects proposing innovative approaches in the academic disciplines covered by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, with a duration of up to three years.

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Evidence-basing and transfers in preventive research - quality in health research

BMBF, 05/12/2018

The aim of preventive and health research is to strengthen and preserve the health of all sections of the population. The goal is to reduce lifestyle- and environment-associated diseases, retard their progress and also reduce time-consuming and expensive curative and rehabilitative measures. However, prevention can only have a sustainable impact, if the living conditions of people are effectively structured to promote health and their health competence is strengthened. This requires participative measures that involve their target groups and other relevant stakeholders at an early stage.

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RFBR-DFG Cooperation: Possibility for Joint German-Russian Research Projects, Funding Period 2020–2022

DFG, 04/12/2018

On the basis of their long-standing cooperation and the respective Memorandum for Understanding the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) and the Russian Foundation for Basic Research (RFBR) have opened the possibility for funding of joint German-Russian projects in all areas of basic research for the period of 2020–2022.

These joint proposals have to be based on a close interaction between the German and Russian research teams and should present joint project goals and a joint work plan with balanced contributions from all project partners. Proposals without strong interaction between the partners should be submitted as separate proposals in the standard funding schemes of DFG and RFBR.

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Ageing Meetings

20-22/02/2019, Berlin-Buch/Germany

[› 3rd International Symposium Healthy Ageing](#)

24-29/03/2019, Ventura/USA

[› GRC Stem cells and cancer: Developmental, Metabolic and \(Epi\)Genomic Mechanisms Driving Organogenesis and Tumorigenesis](#)

28-30/03/2019, Berlin/Germany

[› Undoing Aging 2019 - Accelerating rejuvenation therapies to repair the damage of aging](#)

15-18/04/2019, New Orleans/USA

[› Aging in America Conference](#)

23-25/05/2019, Göteborg/Schweden

› [International Association of Gerontology and Geriatrics European Region Congress 2019](#)

30/05-206/2019, Burlingame/USA

› [American Aging Association: Translating Aging](#)

10-13/09/2019, München/Germany

› [II. Joint Meeting of the German Society for Immunology \(DGfI\) and the Italian Society of Immunology, Clinical Immunology and Allergology \(SIICA\)](#)

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