



IAGG GARN 2013-2017 activities report

A GENERAL OVERVIEW

INTRODUCTION: MAKING IAGG A LEADER IN INTERNATIONAL AGING ISSUES

IAGG aims to become the reference or the voice of expertise consulted by governments, international societies or organizations, when they need information about important matters concerning aging and its consequences around the world. Since its inception in 2011, the IAGG GARN Network chose to develop IAGG's visibility by organizing working groups to get experts together for discussion on last findings and by publishing the relevant scientific papers. In addition, you will find hereafter a list of tools and initiatives that provide information, viewpoints, etc.

During the IAGG Executive Committee meeting that took place on January 19, 2012 in Athens, Greece, "the assembly unanimously agreed to set up the IAGG GARN to develop a research network, and IAGG visibility in the field of aging research and to appoint IAGG immediate Past-President as President of the GARN Network". Therefore, during the 2009-2013 French administration, Renato GUIMARAES (former IAGG President 2005-2009) was nominated and accepted the offer. During the 2013-2017 Korean mandate, Bruno VELLAS, (former IAGG President 2009-2013) was nominated and accepted the offer. Heung Bong CHA (IAGG President 2013-2017) is expected to be nominated during the next American presidency.

WEBSITE

The IAGG GARN website aims to further enhance scientific works on age-related issues developed worldwide. It is fully dedicated to aging research with comprehensive information for all those involved in Alzheimer's Prevention, Frailty (including Cognitive Frailty & Sarcopenia), and Nursing Homes. This tool makes available a regular monitoring of scientific literature, a permanent watch on calls and funding opportunities, and more generally updated information on the important outcomes in the field of aging. The website includes sections such as: news, research programs, events, publications, datasharing, clinical practice. Most of the IAGG GARN activities and actions are available at <http://www.garn-network.org>.

IAGG GARN annual website statistics from 2012 to 2016

Year	Annual number of visits	Average monthly visits	Annual number of different visitors
2012	3 664	305	2 375
2013	5 169	430	3 210
2014	6 937	578	4 761
2015	8 881	740	5 763
2016	14 534	1 211	10 889

IAGG GARN NETWORK DEVELOPMENT

NETWORK DEVELOPMENT

Established by IAGG in 2011, the Global Aging Research Network (GARN) aims to foster research in age-related issues and promote healthy ageing to further improve the health of older populations around the world.

The year 2010 was dedicated to the identification of more than 1200 contacts worldwide with the assistance of IAGG members. By January 2011, 518 centers confirmed their interest and were requested to provide more details of their expertise. In view of submitting their application, they were asked to complete an online questionnaire <http://www.celsius-exhibition.com/iagg>. The selection process lasted until July 2011 and was based on different criteria: organization, teams, major works, latest publications etc. In September 2011, and after an in-depth study, the Scientific Committee confirmed membership to **442** applicants: 253 from Europe, 81 from Asia/Oceania, 73 from North America, 26 from South America, 5 from Africa and 4 from other countries.

In December 2016, the Network reported a total of **584** centers: 297 come from Europe, 140 from Asia/Oceania, 88 from North America, 40 from South America, 10 from Africa and 9 from the Middle East.

An IAGG GARN database was created for general consultation at <http://www.celsius-exhibition.com/iagg/participants.php>. It provides a scroll-down list of research specialties undergone by each center as well as details of their activities, main papers, contacts etc. Keywords include dementia, frailty, sarcopenia, other neurodegenerative disorders, geriatric disorders, cardiovascular risk factors, metabolism, ageing research, genetics, gerontechnology, others.

NEWS RELEASES

The objectives of the 2-5 page release, is to update readers with the most recent actions setup by the IAGG GARN Network. It highlights IAGG's interest in older people's health and the need to promote research worldwide.

With the assistance of appropriate specialists and with a few tools, research and implementation into clinical practice should be available in all health facilities around the world. Fifteen editions were published since September 2014, providing information on latest scientific publications, initiatives, interview and associated tools. Topics treated include: Alzheimer Prevention (4), Frailty & Sarcopenia (8), Nursing Homes (3). Past issues are available on the IAGG GARN website at <http://www.garn-network.org>

KEY PLAYERS

We present below some of the key actors of the IAGG GARN Network and their accomplishments.

SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE, SAINT LOUIS, MISSOURI, USA

Throughout the years very close relationships were shaped with the Division of Geriatric Medicine and common projects were realized in collaboration with Prof John MORLEY and his staff. We can mention the participation in multiple meetings and the publications of related scientific papers. Also IAGG GARN has an interest in determining the state of the art of nursing home practice throughout the world as part of its initiative to provide education to nursing homes. To this effect, our Network bought assistance to disseminate two surveys. One took place in 2012 and aimed to get an overview of the current situation of nursing homes in each country. The other was developed to understand the current situation of hospice and palliative care in nursing homes. It served as the basis for a more extensive study of end-of-life care services in the nursing home setting in the future. The topic of both surveys is the result of a recommendation published in 2010, following the 1st IAGG/WHO/SFGG workshop on "Identification of the main relevant domains for clinical research and quality of care in nursing homes". Website: <http://internalmed.slu.edu/geriatrics>

UNIVERSITY OF MINNESOTA SCHOOL OF PUBLIC HEALTH, MINNEAPOLIS, USA

Professor Robert KANE, MD is Professor and Chair in Long-term Care and Aging, at the Division of Health Policy & Management, and conducted an international study explore how gerontologists think about, trust, and use evidence in their work as researchers and educators. IAGG GARN, along with IAGG GSIA, supported this initiative intended to provide a basis for dialogue within local organizations and the IAGG about the feasibility and desirability of common understandings and terminology about evidence, and further collaborative approaches regarding evidence across the many disciplines of gerontology. The invitation to participate was distributed on October 25, 2016 and three months later, by January 12, 2017, over 300 scientists responded to this call. Website: <http://www.sph.umn.edu/academics/divisions/hpm>

WORLD HEALTH ORGANIZATION, GENEVA, SWITZERLAND

Originally, the joint collaboration with WHO started in 2010 with the French presidency of IAGG to include the setup of four workshops focused on various age-related topics. It had then become natural that exchanges continued when the IAGG GARN network was created in 2011. Close links were created with the Department on Ageing and Lifecourse conducted by Dr John BEARD, MBBS, PhD, and with Dr Islene ARAUJO DE CARVALHO, MD, MPH, Senior Policy and Strategy Adviser. With the active involvement of the Toulouse Gérontopôle, our Network has provided constant academic, scientific and technical support to our common initiatives. Amongst them, we list below some actions undergone with the World Health Organization to promote age-related issues:

- . Distribution of the 2015 World Report on Ageing and Health. It outlines a framework for action to foster Healthy Ageing built around the new concept of functional ability.
- . Distribution of WHO's Global Recommendations on Physical Activity for Health. It aims to provide national and regional level policy makers with guidance on the dose-response relationship between

the frequency, duration, intensity, type and total amount of physical activity needed for the prevention of NCDs. The recommendations set out in this document address three age groups: 5-17years old; 18-64years old; and 65years old and above (beginning page 29).

. Dissemination of the WHO policy paper EB 134/19 on “Multisectoral action for a life course approach to healthy ageing”. It was edited inside the White Book on Frailty that aims to promote preventive interventions against disability and to provide information on how to implement frailty into clinical practice.

. Contribution to the WHO BULLETIN with a paper on “Innovation for healthy ageing: a call for papers” published in the Bull World Health Organ 2016;94:407–407A

. Publication of the background paper on “Frailty: An emerging public health priority” published in JAMDA. J Am Med Dir Assoc. 2016 Mar 1;17(3):188-92. doi: 10.1016/j.jamda.2015.12.016.

Website: <http://www.who.int/ageing/en/>

EUROPEAN SOCIETY FOR CLINICAL AND ECONOMIC ASPECTS OF OSTEOPOROSIS, OSTEOARTHRITIS, AND MUSCULOSKELETAL DISEASES (ESCEO), LIEGE, BELGIUM

The IAGG GARN Network has secured a cross-collaboration with the ESCEO, conducted by Jean-Yves REGINSTER, MD, PhD, allowing shared actions and mutual dissemination of latest findings in the field of frailty and sarcopenia research. A mutual participation was organized in two WHO-ESCEO Working Groups that took place on September 8, 2016, in Geneva, Switzerland and

1 - The *Working Group on Lean Body Mass* in view of producing a manuscript on “Pitfalls in the measurement of Lean Body Mass: a need for standardization”

2 - The *Working Group on Nutrition* for a future manuscript entitled "Does nutrition play a role in the prevention and management of sarcopenia?"

The manuscripts and abstracts will be submitted as the “outcomes of a WHO-ESCEO Working Group, endorsed by IAGG GARN, IOF and EUGMS”.

Website: <http://www.esceo.org>

ALZHEIMERS'S DRUG DISCOVERY FOUNDATION (ADDF), NEW YORK, USA

The Foundation's mission is to rapidly accelerate the discovery of drugs to prevent, treat and cure Alzheimer's disease. It is exclusively focused on translating the knowledge gained about the underlying causes of Alzheimer's disease into drugs. The Foundation directed by Professor Howard FILLIT, MD, PhD, funds programs in both academia and biotechnology companies worldwide, with priority funding in drug discovery and preclinical drug development, early detection, clinical trials and prevention. In addition to the Dementia Prevention meeting, the IAGG GARN developed a partnership for the Alzheimer's Disease Off-Label Patient Treatment (ADOPT) Survey conducted by the ADDF, the Cleveland Clinic Lou Ruvo Center for Brain Health, and the Cottage Center for Brain Fitness at Santa Barbara. The purpose of the survey was to understand personalized prescribing for purposes of disease-modification or cognitive enhancement among physicians who take care of Alzheimer's disease patients. This survey pertains to drugs prescribed to improve cognition or for disease modification in patients with Alzheimer's disease. Website: <http://www.alzdiscovery.org>

INSTITUTE OF DIABETES FOR OLDER PEOPLE (IDOP), BEDFORDSHIRE, UNITED KINGDOM

The Global Initiative in Diabetes for Older People (GIDOP) aims at improving the skills of those involved in the care of older patients with diabetes. Led by Professor Alan SINCLAIR, MSc, MD, FRCP, a group of international experts in the field was set up to create a programme of clinical development, audit projects and educational packages. A comprehensive educational and training package for healthcare professionals was presented in June 2013 at IAGG's world congress in Seoul. Website: <http://diabetesfrail.org/portfolio-of-work/global-initiative-in-diabetes-for-older-people>

NATIONAL CENTER OF GERONTOLOGY AND GERIATRICS, OBU CITY, JAPAN

A delegation, led by Professor Kenji TOBA, MD, PhD, and Director of the Japanese National Center for Geriatrics and Gerontology (NCGG), visited Toulouse in April 2012. The NCGG is member of the IAGG GARN Network 2010 and it was an honor to welcome the twelve representatives from Tokyo, Kyoto and Nagoya Universities who exchanged point of views and information on the development and implementation of Frailty into clinical practice. In addition, Professor Hidenori ARAI, MD, PhD, Deputy Director of the National Center for Geriatrics and Gerontology and Director of the Center for Gerontology and Social Science, who accepted to supervise the Japanese translation of the White Book on Frailty. Website: <http://www.ncgg.go.jp/english>

JAPAN GERONTOLOGICAL SOCIETY, TOKYO, JAPAN

Professor Hidenori ARAI, MD, PhD, from Kyoto University (member of IAGG GARN since 2011) is also Deputy Director of the National Center for Geriatric and Gerontology (NCGG above). He accepted to supervise the Japanese translation of the White Book on Frailty in collaboration with the JGS. They were also our contacts for the Japanese version of two videos: "Beware of Frailty" and "Memory Disorders". Website: <http://www.jpn-geriat-soc.or.jp/rounengakkai/pdf/gerontological.pdf>

CENTER OF GERONTOLOGY AND GERIATRICS, CHENGDU, CHINA

Professor Jun LI, MD, PhD, Associate Professor from the Center of Gerontology and Geriatrics, West China Hospital of Sichuan University in Chengdu, China, came to Toulouse as a visiting scholar for a one-year stay and did research on aging, including Alzheimer's disease and frailty in the elder population. IAGG GARN member since 2010, the Center led by Professor Birong DONG, MD, PhD, accepted that Professor LI provides an important editorial work on the Chinese version of the White Book on Frailty and the translation of the videos on "Beware of Frailty" and on "Memory Disorders". Website: http://eng.cd120.com/a/fpv/Medical_Department/2013/0104/47.html

SOCIEDAD ESPAGNOLA DE MEDICINA GERIATRICA (SEMEG), MADRID, SPAIN

Professor Leocadio RODRIGUEZ-MANAS, MD, PhD, is the Head of the Department of Geriatrics at Hospital Universitario de Getafe, near Madrid (the department is member of the IAGG GARN network since 2011), and also Professor of Geriatric Medicine (School of Medicine, Universidad Europea de Madrid). With his team, he gave us full support to IAGG GARN, for the editorial work of the White Book on Frailty in Spanish and the translation of the video on "Beware of Frailty". Website: <http://www.semeg.es>

CENTER FOR GERIATRICS AND GERONTOLOGY, TAIPEI VETERANS GENERAL HOSPITAL, TAIWAN

Prof Liang-Kung CHEN, MD, PhD, FRCP, Director of the Center, collaborated with the IAGG GARN for the translation into Chinese of the videos on "Beware of Frailty" and on "Memory Disorders". The center is member of the IAGG GARN network since 2010.

Website: <http://wd.vghtpe.gov.tw/GERM/Fpage.action?muid=2799&fid=5779>

EUROPEAN INNOVATION PARTNERSHIP ON ACTIVE AND HEALTHY AGEING (EIP on AHA)

The broad concept of Active and Healthy Ageing was proposed by WHO as the process of optimizing opportunities for health to enhance quality of life as people age. It applies to both individuals and population groups. A universal active and healthy ageing definition was not available and could differ depending on the purpose of the definition and/or the questions raised. A meeting was organized in Montpellier, France on October 20-21, 2014. Its goal was to define AHA and propose tools that could be used for this definition. The event got together 57 international specialists who debated on: physical capability, cognitive capability, well-being and quality of life, body functions and chronic diseases, AHA promotion in the working environment, lifestyle and environment, lifetime social and economic environment, frailty. With Prof Jean BOUSQUET, MD, PhD, and his team of the reference site MACVIA-LR (contre les MALadies Chroniques pour un Vieillissement Actif en Languedoc Roussillon) the IAGG GARN cooperated by distributing the final outcomes of the meeting to the international scientific community.

WORKING GROUPS AND PUBLICATIONS

We list below the working group meetings organized since June 2013 in collaboration with other academic groups. Each event was followed by the publication of scientific articles. As part of the authorship, these were unique occasions for our Network to mutually promote scientific results for the benefit of the older population in their struggle to maintain dependency and to develop continued scientific visibility for the IAGG. We would like to take this opportunity to thank all those who worked to go forward on a variety of research topics connected to aging issues.

1. IAGG GARN CONFERENCE on “Nursing home research: The first IAGG research conference”

November 22-23, 2013, Saint Louis, MO, USA. Despite the increase of both the aging population and the number of institutionalized older people, clinical research in nursing home is still scarce. Research is however essential to improve the quality of care in nursing home. The improvement of the quality of care in nursing home will rely on the future evidences from researches performed in these settings, their feasibility in real life condition and the successful dissemination of these new clinical evidences. Supported by the IAGG GARN Network, the Conference offered an opportunity for the 75 participants to learn and share ideas, and promote current knowledge among researchers, in the field of nursing home care.

1. A PAPER on “Nursing home research: the first IAGG research conference”: *This article provides a summary of the presentations made during the conference on November 22-23, 2013 in St Louis, USA. Authors: Rolland Y, Resnick B, Katz PR, Little MO, Ouslander JG, Bonner A, Geary CR, Schumacher KL, Thompson S, Martin FC, Wilbers J, Zúñiga F, Ausserhofer D, Schwendimann R, Schüssler S, Dassen T, Lohrmann C, Levy C, Whitfield E, de Souto Barreto P, Etherton-Beer C, Dilles T, Azermai M, Bourgeois J, Orrell M, Grossberg GT, Kergoat H, Thomas DR, Visschedijk J, Taylor SJ; OPERA Study Team, Handajani YS, Widjaja NT, Turana Y, Rantz MJ, Skubic M, Morley JE. J Am Med Dir Assoc. 2014 May;15(5):313-25.*

2. CONSENSUS GROUP on "Cognitive Frailty": April 16, 2013, Toulouse, France. The meeting was organized by the International Academy on Nutrition and Aging (IANA) and the International Association of Gerontology and Geriatrics (IAGG). It provided the first definition of a "Cognitive Frailty" condition in older adults. Specific aim of this approach was to facilitate the design of future personalized preventive interventions in older persons. Finally, the Group discussed the use of multi-domain interventions focused on the physical, nutritional, cognitive and psychological domains for improving the well-being and quality of life in the elderly.

2. A CONSENSUS PAPER on "Cognitive frailty: Rational and definition from an (IANA/IAGG) international consensus group": Authors: Kelaiditi E, Cesari M, Canevelli M, van Kan GA, Ousset PJ, Gillette-Guyonnet S, Ritz P, Duveau F, Soto ME, Provencher V, Nourhashemi F, Salvà A, Robert P, Andrieu S, Rolland Y, Touchon J, Fitten JL, Vellas B. *J Nutr Health Aging*. 2013 Sep;17(9):726-34.

3. TASKFORCE on "Implementing Alzheimer's Disease prevention into clinical practice": April 22-23, 2013, New York, USA, in cooperation with the Alzheimer's Drug Discovery Foundation (ADDF). It convened an advisory panel on "Alzheimer's Disease prevention: Improving the translation of diverse and incomplete scientific evidence into clinical and public health recommendations." Panelists included leading experts from epidemiology, clinical trial design, evidence-based medicine, decision-making frameworks, data-sharing, geriatrics, and dementia. The panel's recommendations fell into three primary categories: enable decision-making based on incomplete scientific evidence, recognize both the value and the limitations of high-quality observational research, and implement feasible steps to improve the validity and reporting of observational studies

3. A RECOMMENDATION PAPER on "Dementia prevention: Optimizing the use of observational data for personal, clinical, and public health decision-making" Authors: Penny A Dacks, Sandrine Andrieu, Deborah Blacker, Aaron J Carman, Allan M Green, Francine Grodstein, Victor W Henderson, Bryan D. James, Rachel F Lane, Joseph Lau, Pei-Jung Lin, Barnaby C. Reeves, Raj C. Shah, Bruno Vellas, Kristine Yaffe, Karin Yurko-Mauro, Diana W Shineman, David A Bennett, and Howard M Fillit. *J Prev Alz Dis* 2014;1(2):117-123.

4. CONSENSUS meeting on "Frailty screening": 2013. Six societies (IAGG, EUGMS, AMDA, IANA, AFAR and SCWD) got together and called for screening by health professionals of all persons 70 years and older for frailty. Whether or not this approach was feasible or useful has been questioned. This question has now been answered in the resounding affirmative by a large study from the Toulouse Gérontopôle on their Geriatric Frailty Clinic. This study demonstrated that general practitioners can screen for frailty and when these frail persons are referred for a full geriatric assessment, a variety of treatable conditions are identified.

4. A CONSENSUS PAPER on "Frailty screening comes of age" Author: John E. Morley. *J Nutr Health Aging*. 2014 May;18(5):453-4.

5. SURVEY on “An international definition of “Nursing Home”: There is much ambiguity regarding the term "nursing home" in the international literature. The definition of a nursing home and the type of assistance provided in a nursing home is quite varied by country. In 2013, the International Association of Gerontology and Geriatrics (IAGG) and the AMDA foundation developed a survey to assist with an international consensus on the definition of "nursing home."

5. A CONSENSUS PAPER on “An international definition for nursing home” Authors: Sanford AM, Orrell M, Tolson D, Abbatecola AM, Arai H, Bauer JM, Cruz-Jentoft AJ, Dong B, Ga H, Goel A, Hajjar R, Holmerova I, Katz PR, Koopmans RT, Rolland Y, Visvanathan R, Woo J, Morley JE, Vellas B. *J Am Med Dir Assoc.* 2015 Mar;16(3):181-4.

6. WHO/IAGG GARN “Knowledge Network” on Frailty and Sarcopenia n°1: IAGG GARN was commissioned by WHO’s Department of Aging and Life Course to setup a group of 15 international experts to finalize a background paper on Frailty intended for the 2015 WHO Global Report on Ageing and Health aiming to raise awareness on the need to identify, assess and implement frailty around the world. Held on October 8-9, 2014 at WHO Headquarters in Geneva, the meeting’s aim was to raise awareness on the need to identify, assess and implement frailty around the world. In addition, the group worked on the development of a simplified geriatric assessment tool to be used in primary health care by non-specialized health professionals in low & middle income countries.

6. A BACKGROUND PAPER on “Frailty: An emerging public health priority” Authors: Matteo Cesari, Martin Prince, Jotheeswaran Amuthavalli Thiyagarajan, Islene Araujo De Carvalho, Roberto Bernabei, Piu Chan, Luis Miguel Gutierrez-Robledo, Jean-Pierre Michel, John E. Morley, Paul Ong, Leocadio Rodriguez Manas, Alan Sinclair, Chang Won Won, John Beard, Bruno Vellas. *J Am Med Dir Assoc.* 2016 Mar 1;17(3):188-92.

7. CONSENSUS CONFERENCE on “Screening for cognitive frailty”: March 07-08, 2015, St Louis, USA. It aimed to create a consensus on the importance of screening for and treating these two conditions by general practitioners. The meeting got together 24 participants and 40 observers who worked on the following objectives:

- To determine whether or not cognitive decline should be screened for in the general older population or whether case finding in physicians’ offices is all that is needed.
- What is the Minimum work up/advice that should be given to a person with early cognitive impairment (MCI)?
- Does the management of persons with subjective cognitive impairment differ from persons with objective cognitive impairment?
- Is cognitive frailty a useful term?

7. A CONSENSUS PAPER on “Brain health: The importance of recognizing cognitive impairment: an IAGG consensus conference” Authors: John E. Morley, John C. Morris, Marla Berg-Weger, Soo Borson, Brian D. Carpenter, Natalia del Campo, Bruno Dubois, Keith Fargo, L. Jaime Fitten, Joseph H. Flaherty, Mary Ganguli, George T. Grossberg, Theodore K. Malmstrom, Ronald D. Petersen, Carroll Rodriguez, Andrew J. Saykin, Philip Scheltens, Eric G. Tangalos, Joe Verghese, Gordon Wilcock. *J Am Med Dir Assoc.* 2015 Sep 1;16(9):731-9.

8. WORKSHOP on “Frailty prevention in residential and nursing homes: A mission for the future”: December 2, 2015 in Toulouse, France. The event was organized with the support of the Office for Science and Technology of the Consulate General of France in Los Angeles (USA), the University of St Louis (USA), the Toulouse Gérontopôle (France) and the IAGG GARN Network. The meeting highlighted the need to develop prevention of functional decline with aging using residential and nursing home facilities. Thirty five key opinion leaders from academy, industry, governmental agencies from Europe and USA, debated on the role of residential and nursing homes in the development of preventive geriatrics, in order to maintain function with aging. The ultimate objective is to prevent functional decline with age, and to link older adults with their community.

8. A FINAL PERSPECTIVE PAPER on “Prevention of functional decline by reframing the role of nursing homes?” Authors: Laffon de Mazières C, Morley J, Levy C, Agenes F, Barbagallo M, Cesari M, De Souto Barreto P, Donini LM, Fitten J, Franco A, Izquierdo M, Kane R.L, Kane R.A, Martin F, Onder G, Ouslander J, Pitkälä K, Saliba D, Sinclair A, Rodriguez Manas L, Vellas B, Rolland Y. *J Am Med Dir Assoc.* 2017 Feb 1;18(2):105-110

9. TASKFORCE MEETING on “Physical exercise in nursing home settings: Looking for recommendations”: December 1st, 2015, in Toulouse, France. A group of experts established 2 sets of recommendations: a) for reducing sedentary behaviors for all LTCF residents and b) for defining specific, evidence-based guidelines for exercise training for subgroups of LTCF residents.

9. A TASKFORCE PAPER on “Recommendations on physical activity and exercise for older adults living in long-term care facilities: A taskforce report” Authors: P. de Souto Barreto, J.E. Morley, W. Chodzko-Zalko, K.H. Pitkala, E. Weening-Dijksterhuis, L. Rodriguez Manas, M. Barbagallo, E. Rosendahl, A. Sinclair, F. Landi, M. Izquierdo, B. Vellas, Y. Rolland. *J Am Med Dir Assoc.* 2016 May 1;17(5):381-92. and in the *Jour Nursing Home Res* 2016;2:7-20.

10. WORKSHOP on “Aeroaging”: The meeting took place on November 7, 2016 in Toulouse, France and got together 25 international specialists in aging and aeronautics to discuss about aircraft structures and passenger aging. This scientific event was a joint collaboration between IAGG GARN, the Toulouse University Hospital, Airbus, ISAE (French School of Aerospace Engineering). A final position paper will be submitted for publication.

10. A SURVEY PAPER on “IAGG/IAGG GARN international survey of end-of-life care in nursing homes”. Authors: Wallace CL, Swagerty D, Barbagallo M, Vellas B, Cha HB, Holmerova I, Dong B, Koopmans R, Cruz-Jentoft AJ, Gutierrez Robledo LM, Moreno JC, Hajjar R, Woo J, Arai H, Okochi J, Visvanathan R, Abdul-Rahman SA, Goel A, Moser A, Rolland Y, Abbatecola AM, Russo M, Morley JE. *J Am Med Dir Assoc.* 2017 Jun 1;18(6):465-469.

11. WHO/IAGG GARN “Knowledge network” on Frailty and Sarcopenia n° 2: A second meeting was organized on December 1-2, 2016 in Geneva, Switzerland, in collaboration with the European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO). Following the previous WHO Bulletin - Perspective paper on frailty, 28 international specialists gathered to draft a new concept paper on frailty and healthy ageing. Discussions included: 1. The WHO Concept of Healthy Ageing and its implications 2. Building and maintaining intrinsic capacity in the second half of life 3. Frailty: experiences, challenges and lessons learned 4. Operationalization of intrinsic capacity in primary health care settings 5. Moving forward with integrated care. Presentations can be consulted on IAGG GARN website at <http://garn-network.org/events.php>. A final position paper will be submitted for publication. A final position paper will be submitted for publication.

NEXT SCHEDULED EVENTS

12. INTERNATIONAL WORKING GROUP on “Frailty and Diabetes” A group of specialists will get together on April 27, 2017 in Barcelona, Spain, to provide more insightful and updated recommendations in this area. Collaborators from the European Diabetes Working Party for Older People (EDWPOP), International Association of Gerontology and Geriatrics (IAGG)-GARN (Global Aging Research Network); American Medical Directors Association (AMDA), the International Conference on Frailty & Sarcopenia Research (ICFSR), and an International Group of Experts will produce a position statement on “the Management of Older Adults with Frailty and Diabetes”. This initiative follows the work previously undertaken by the EDWPOP, IAGG and the International Group of Experts, a guideline/consensus paper on “Diabetes mellitus in older people: position statement on behalf of the International Association of Gerontology and Geriatrics (IAGG), the European Diabetes Working Party for Older People (EDWPOP), and the International Task Force of Experts in Diabetes” was published in *J Am Med Dir Assoc.* 2012 Jul;13(6):497-502 (see previous position paper n°5 cited below).

14. AN IAGG GARN SPECIAL EVENT On July 25, 2017, during the IAGG2017 World congress in San Francisco, USA, the IAGG GARN Network will be honored to welcome Dr John BEARD, MBBS, PhD, Director of the Department of Ageing and Life Course (ALC) at World Health Organization in Geneva, Switzerland. He will address a private lecture to the IAGG GARN center members to raise awareness on “intrinsic capacity” and on the need for implementation in local settings and in all countries worldwide as well as on the future of research in aging. The event is also an opportunity to present the perspectives of the IAGG GARN Network and will be followed by a small reception, where member representatives will have a unique opportunity to meet Dr BEARD to discuss key age-related issues.

EDUCATIONAL MATERIAL

WHITE BOOK ON “FRAILITY”

Realized under the auspices of the IAGG-GARN Network the White Book on Frailty is a collection of articles published in French, English and Chinese. This publication aims to promote preventive interventions against disability and to provide information on how to adequately implement frailty into everyday clinical practice. The book highlights current knowledge on the identification of target population, the assessment of frail old adult, and the development of tailored intervention programs. We now know that early detection and intervention is critical to addressing frailty. The document is available in:

English: <http://garn-network.org/documents/WHITEBOOKONFRAILITY-USVERSION.pdf>

French: http://garn-network.org/documents/WHITEBOOKONFRAILITY-frenchversion_001.pdf

Spanish: <http://garn-network.org/documents/LIBROBLANCOSOBREFRAGILIDADfinalversion.pdf>

Co-edited by Prof Leocadio RODRIGUEZ MANAS (Spain) and the Sociedad Española de Medicina Geriátrica (SEMEG)

Japanese: <http://garn-network.org/documents/WHITEBOOKONFRAILITYJAPANESECOMPLETE.pdf>

Co-edited by Prof Hidenori ARAI (Japan) and the Japan Geriatrics Society (JGS)

Chinese: <http://garn-network.org/documents/WHITEBOOKONFRAILITY-Chinesefinalversion.pdf>

Co-edited by Dr Jun LI, Center of Gerontology and Geriatrics, Chengdu, China

Posted also on the IAGG GARN website (<http://www.garn-network.org>), these publications can be downloaded for general distribution to encourage healthcare professionals to develop actions at a local, regional, national and international level for the benefit of elder people.

VIDEO “BEWARE OF FRAILITY”

The short 40 seconds film was realized to promote autonomy of old people. It was funded by the CNSA (Caisse Nationale de Solidarité pour l'Autonomie), a French state organization. The film was edited under the auspices of the IAGG GARN Network and was launched in October 2015 in:

English: https://www.youtube.com/watch?v=T9-JPN_jY9I

French: <https://www.youtube.com/watch?v=YsmkRlooCz0>

Italian: <https://www.youtube.com/watch?v=aFImInydU80>

Spanish: <https://www.youtube.com/watch?v=NcBG7Lefa1A>

Portuguese: <https://www.youtube.com/watch?v=0oxn9IKRwMA>

German: <https://www.youtube.com/watch?v=5wYa6NlceKM>

Korean: <https://www.youtube.com/watch?v=7kbFVDrZrxI>

Chinese1: <https://www.youtube.com/watch?v=n8cz-Adi1cw>

Chinese 2: <https://www.youtube.com/watch?v=zyydMw9uim8>

Japanese: https://www.youtube.com/watch?v=Z2_UGmg3ZGk

Persian: <https://www.youtube.com/watch?v=A3euyAg4zIw>

The film can be disseminated via any type of screen: social networks, websites, local TVs, or during events dedicated to old people. We also invite you to target networks, colleagues, local authorities and all those whose work to prevent dependency of older people.

VIDEO ON “MEMORY DISORDERS”

IAGG GARN collaborates with the Gérontopôle of Toulouse and the CTAD2016 conference organizers to disseminate a video dedicated to memory disorders. Addressed to a general audience of seniors, the film promotes five lifestyle rules to maintain memory and encourages old people to participate in research projects. This tool is available in seven languages:

English: <https://youtu.be/z6KlzvSwyy4>

German: <https://youtu.be/CbAlxgd7OsY>

French: <https://youtu.be/NjGKYCmVUAE>

Spanish: <https://youtu.be/WdZzluJneZc>

Japanese: <https://youtu.be/JkXpxeguT2k>

Italian: https://youtu.be/8x_FQeHVW9Q

Portuguese: <https://youtu.be/cJDqj9qmxRw>

Korean: <https://youtu.be/hFVkoAHOHvs>

Chinese: <https://youtu.be/ORh0XI56an0>

The film can be distributed via any type of screen: social networks, websites, local TVs, or during events dedicated to old people. We also invite you to target networks, colleagues, local authorities and all those whose work to for the wellbeing of our eldest.

POSTER ON “IATROGENIC DISABILITY”

Nearly 30% of older patients lose independence in basic activities of daily living during hospital stay (1). This loss of independence may be due to illness leading to hospitalization... or to unadapted healthcare procedures. In more than half the cases, disability is avoidable (2). The IAGG GARN has also an interest to develop actions to prevent dependency during hospitalization of frail older adults. To help us promote this campaign amongst professionals, you can download the poster on IAGG GARN’s website for general distribution:

English: http://garn-network.org/documents/IATROGENIE-posterENG-finalversion_003.pdf

French: http://garn-network.org/documents/IATROGENIE-posterfrancais_000.pdf

Publication: Margitic & al. J Am Geriatr Soc 1993 (2) Sourd et & al. J Frailty Aging 2014.

LIST OF POSITION PAPERS FROM 2011 TO DATE

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