

World Congress of Gerontology and Geriatrics  
4 International Conference



# HEALTHY AGEING IN THE CHANGING WORLD®

2016

23rd, 24th & 25th November 2016

J.N.TATA AUDITORIUM ,  
INDIAN INSTITUTE OF SCIENCE,  
BENGALURU, INDIA.

LOOKING BACK ON 90 YEARS, CARTER IS UPBEAT.

"IT'S BEEN A VERY EXCITING AND CHALLENGING AND  
UNPREDICTABLE AND ADVENTUROUS, AND I WOULD SAY A  
VERY GRATIFYING LIFE,"

A handwritten signature in cursive script that reads "Jimmy Carter".

PRESIDENT JIMMY CARTER





**Dr. Dominic Benjamin**  
Chairman,  
FRCP (Edin), MRCP (U.K),  
MRCP (Geriatrics), CCT (Internal Med),  
CCT (Geriatrics), DNB (Internal Med),  
CIDC (Diabetes, UK), MNAMS

#### Invitation from the Organizing Committee

The IV World Congress on Gerontology and Geriatrics, Healthy Ageing In The Changing World - 2016 is the premier educational event in geriatrics, providing the latest information on clinical care, research on aging, and innovative models of care delivery. The Conference will address the educational needs of geriatrics professionals from all disciplines. Physicians, nurses, pharmacists, physician assistants, social workers, long-term care and managed care providers, health care administrators, and others can update their knowledge and skills through state-of-the-art educational sessions and research presentations.

Meeting attendees will have many wonderful opportunities to network and exchange ideas and information with colleagues. The Presidential Poster Reception, Special Interest Group Meetings, Section Meetings for Fellows-in-Training, Nurses, Pharmacists, Social Workers, and Teachers are all great opportunities to interact with colleagues.



**Dr. V.P. Rao,**  
Convenor,  
BioGenesis Health Cluster,  
India

It is my pleasure to welcome you to the IV World Congress on Geriatrics & Gerontology- International Conference on Healthy Ageing in Changing World, scheduled on 23rd, 24th, & 25th of November 2016 at J.N.TATA Auditorium, Indian Institute of Science, Bengaluru, Karnataka, India.

The world is ageing rapidly. People aged 60 and older make up 12.3 per cent of the global population, and by 2050, that number will rise to almost 22 per cent.

Population ageing can no longer be ignored. Globally, the proportion of older persons is growing at a faster rate than the general population. This reflects tremendous and welcome advances in health and overall quality of life in societies across the world. But the social and economic implications of this phenomenon are profound, extending far beyond the individual older person and the immediate family, touching broader society and the global community in unprecedented ways. On the positive side, population ageing has opened up new markets and brought us more experienced workers, a growing cadre of custodians of culture, and caregivers of grandchildren.

**SUPPORTERS** →





**Padma Vibhushan M.N. Venkatachaliah**  
Former Chief Justice of India

Appreciating the tremendous diversity in the situation of older persons, not only between countries but within countries and between individuals, which require a variety of policy response.

Aware that in all countries, individuals are reaching an advanced age in greater numbers and in better health than ever before,

Aware of the scientific research disproving many stereotypes about inevitable and irreversible declines with age,

Convinced that in a world characterized by an increasing number and proportion of older persons, opportunities must be provided for willing and capable older persons to participate in and contribute to the ongoing activities of society.

Mindful that the strains on family life in both developed and developing countries require support for those providing care to frail older persons,

Bearing in mind the standards already set by the International Plan of Action on Ageing and the conventions, recommendations and resolutions of the International Labor Organization, the World Health Organization and other United Nations entities.



**Ban Ki-moon**  
Secretary-General  
United Nations

The world is in the midst of a unique and irreversible process of demographic transition that will result in older populations everywhere. As fertility rates decline, the proportion of persons aged 60 and over is expected to double between 2007 and 2050, and their actual number will more than triple, reaching 2 billion by 2050. In most countries, the number of those over 80 is likely to quadruple to nearly 400 million by then.

The Plan of Action called for changes in attitudes, policies and practices at all levels to fulfill the enormous potential of ageing in the twenty-first century. Its specific recommendations for action give priority to older persons and development, advancing health and well-being into old age, and ensuring enabling and supportive environments. It called for specific action on such issues as health and nutrition, protecting elderly consumers, housing and environment, family, social welfare, income security and employment, education, and the collection and analysis of research data.

“A society for all ages encompasses the global of providing older persons with the opportunity to continue contributing to society. To work towards this goal, it is necessary to remove whatever excludes or discriminates against them”.



Government of India  
Department of Science & Technology  
Ministry of Science & Technology



Department of Pharmaceuticals  
Ministry of Chemicals and Fertilizers  
Government of India



Ministry of Tourism  
Government of India

## FOCUS OF THE CONFERENCE:

Conference Sessions will combine basic, translational, and clinical researchers and will feature a unique format of short, focused talks centered on critical open research questions, along with interactive panel discussions. Speakers will explore the impact of chronic diseases (e.g., HIV/AIDS, diabetes, and cancer) and their associated therapies on rates of cellular and organism aging in an attempt to elucidate the molecular mechanisms by which chronic diseases and treatments can accelerate age-related health decline. Participants will identify knowledge gaps and future directions of research required for a more complete understanding of the relationship between chronic diseases and aging.

The three day international academic congress will bring to light the current research and treatments being developed for Alzheimer's disease. Alzheimer's disease has been recognized as the most prevalent form of dementia; an ever-growing issue in an ageing society. Over three days the Alzheimer's disease summit will discuss many aspects of disease progression, development and treatment in an informal academic setting. Topics for discussion include prediction and prevention strategies, vaccine development, drug discovery and care. With plenty of opportunity for networking and debate, this informal international meeting will bring you up to date with current research and thinking regarding Alzheimer's disease.

Health care around the globe is facing extraordinary challenges due to demographic changes, changing patterns of diseases, budgetary restrictions and changing expectations of patients. Health care is increasingly becoming caring for older people and yet we know health care is often not fitting their needs. Nurses play increasingly important roles in efforts to tackle these challenges. They are key players in the provision of safe, high-quality and efficient health services. Their key role makes nurses increasingly subject of criticism and blaming by the media when quality care is not provided.

The Conference will address the educational needs of geriatrics professionals from all disciplines. Physicians, nurses, pharmacists, physician assistants, social workers, long-term care and managed care providers, health care administrators, and others can update their knowledge and skills through state-of-the-art educational sessions and research presentations. Sessions will include information about emerging clinical issues, current research in geriatrics, education, health policy, and delivery of geriatric health care.

Dementia is the greatest cause of years lost due to disability in developed countries and the second greatest worldwide. The total number of people with dementia worldwide in 2010 is estimated at 35.6 million and is projected to nearly double every 20 years, to 65.7 million in 2030 and 115.4 million in 2050. The total number of new cases of dementia each year worldwide is nearly 7.7 million, equivalent to one new case every four seconds.

Policies for healthy ageing: Good health needs to lie at the core of society's response to population ageing.



Technology ensuring more safety at home, facilitating health care, brings new Which can creates greater access to information in older persons' life.

As a primary care professional, you treat patients in pain every day. The information presented at this meeting will provide you with an opportunity to enhance your clinical care and acquire additional skills in treating patients who present with pain and pain-related symptoms.

The meeting is intended to meet the clinical and educational needs of clinicians in the primary care setting and selected specialties, such as non-pain specialists who recognize the importance and challenges associated with treating patients in pain. The Pain Care for Primary Care meeting is intended for physicians in family practice, internal medicine, neurology, and rheumatology, as well as advanced practice nurses and physician assistants working in pain or primary care.

It consists of invited international experts, plenary discussions, update sessions, free papers and provides a unique platform to learn about new technical developments, state-of-the-art procedures and interaction with leading Orthopedic Surgeons, Non-surgical MDs, Nurses and Nurse Practitioners, Scientists, and Allied Health Professionals. The main topics are preoperative care, surgical treatment, rehabilitation, secondary prevention, research and policy change.

Aging is the largest risk factor for panoply of chronic diseases, which impose huge burdens on societies and economies. An underexplored yet critical aspect of aging is the multiplicity of cellular phenotypes that emerge in aging metazoans.

It will strengthen knowledge in key topics such as; tau aggression; risk profiling; investmentoptions; MRI imaging and biomarker evaluation, whilst looking at the practicalities of meaningful data from trials and keeping attendees at the forefront of therapeutic breakthroughs to adapt to the growing need for new treatments. Understanding behavioral and psychiatric symptoms will be a major focus, as will hearing from a selection of pharmaceutical companies currently modeling disease progression. Neurodegeneration, Alzheimer's disease; clinical trials, CNS; Tau, Alzheimer's, dementia, neuroscience, biomarker evaluation, diagnosis, behavior, impairment, disease progression, aged, geriatric, cognitive decline, psychiatric, brain, neurodegenerative, disorders, pathogenesis, pathology, MRI imaging.

Cellular and organism decline with aging has been shown to promote chronic disease pathology, however insufficient research has focused on the inverse relationship, i.e., how chronic diseases and associated therapies can accelerate the onset of age-related changes.

Advances in Geosciences Impact on Health span and Chronic Diseases to explore how aging contributes to chronic diseases pathology and progression, but it also highlighted the pressing need for further research on the impact of chronic diseases on the molecular pillars of aging.

# CONFERENCE REGISTRATION FORM

Name of the Delegate: \_\_\_\_\_

Organization/Institution: \_\_\_\_\_

Designation: \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Pin Code: \_\_\_\_\_ Country \_\_\_\_\_

Email: \_\_\_\_\_

Telephone/Mobile: \_\_\_\_\_

MCI Reg. No/State Medical Council (If Applicable) \_\_\_\_\_

## CATEGORY OF REGISTRATION

Registration Type	Selection
Faculty / Medical Practitioners / General Category	<input type="checkbox"/>
Research Scholars & Post doctoral fellows	<input type="checkbox"/>
Students (UG & PG)	<input type="checkbox"/>
Industry Participant	<input type="checkbox"/>

## HOTEL RESERVATION FOR NATIONAL DELEGATES: SINGLE OCCUPANCY

Occupancy	Budget Hotel	3 Star Accommodation	5 Star Accommodation
1 Night Stay <input type="checkbox"/>	1500/- <input type="checkbox"/>	3500/- <input type="checkbox"/>	6500/- <input type="checkbox"/>
2 Night Stay <input type="checkbox"/>	3000/- <input type="checkbox"/>	7000/- <input type="checkbox"/>	13000/- <input type="checkbox"/>
3 Night Stay <input type="checkbox"/>	4500/- <input type="checkbox"/>	10500/- <input type="checkbox"/>	19500/- <input type="checkbox"/>
4 Night Stay <input type="checkbox"/>	6000/- <input type="checkbox"/>	14000/- <input type="checkbox"/>	26000/- <input type="checkbox"/>

## DOUBLE OCCUPANCY

Occupancy	Budget Hotel	3 Star Accommodation	5 Star Accommodation
1 Night Stay <input type="checkbox"/>	2500/- <input type="checkbox"/>	4500/- <input type="checkbox"/>	7500/- <input type="checkbox"/>
2 Night Stay <input type="checkbox"/>	5000/- <input type="checkbox"/>	9000/- <input type="checkbox"/>	15000/- <input type="checkbox"/>
3 Night Stay <input type="checkbox"/>	7500/- <input type="checkbox"/>	13500/- <input type="checkbox"/>	22500/- <input type="checkbox"/>
4 Night Stay <input type="checkbox"/>	10000/- <input type="checkbox"/>	18000/- <input type="checkbox"/>	30000/- <input type="checkbox"/>

### BioGenesis Health Cluster

H.No. 362, 11th Cross, 4th Main, 2nd Block,  
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info@geriatricsconference.com

www.geriatricsconference.com

RSVP: Mrs. Radhika M: +91 9886327807

## TOPICS ON GERIATRICS

- Neurobiology of Aging
- Psychology and Aging
- Geriatrics Oncology/Hematology
- Alzheimer's, Dementia and Geriatric Cognitive Disorders
- Nutrition, Health and Aging
- Biogerontology
- Ageing and Society
- Clinical Interventions in Aging
- Geriatric Psychiatry
- Aging and Physical Activity
- Gerodontology
- Geriatric Cardiology
- Rheumatology
- Orthopedics
- Diabetes & Endocrinology
- Urology
- Women and Aging
- Cross-Cultural Gerontology
- Biomedicine and Aging Pathology
- Geriatric Rehabilitation
- Geriatric Care and Nursing
- Technology & Innovation in Geriatrics
- Toward Evidence-Based End-of-Life Care
- Elder Abuse & Neglect
- Nutrition and Osteoporosis
- Sarcopenia
- Bone and Diabetes
- Post-fracture Management
- Secondary Fracture Prevention
- Novel Treatments
- Orthogeriatry
- Nutrition aspects during Development : Scope for Prevention of Bone Fragility
- Life Course Approach to Nutrition for Skeletal Health
- Nutrition and Physical recommendations for Muscle health in Seniors
- Bone Fragility in Patients with Diabetes: Is it bone density or bone quality?
- Diabetes, obesity and Bone Mineral Density
- Clinical management of Diabetes Patients With Osteoporosis
- Obesity & Bone
- Management of Non-Union Fracture: New Orthobiologics
- Atypical femoral Fracture in Asia: How to Prevent? How to Treat?
- Non-Pharmacological Measures and Rehabilitation in Fractured Patients

**HOLOGIC**<sup>®</sup>



**Pierre Fabre**



- Fracture in the Elderly: Surgery or Conservative Management?
- What is the Evidence for Efficacy of Osteoporosis Drugs in the Elderly?
- How to Optimize Care in Hip Fracture Patients
- Active and Healthy Ageing From Concept To Reality
- Midlife Prevention of Age-Related Dependency
- Asthma And Respiratory Infections In The Elderly
- Metabolomics In Ageing Research
- Cancer In The Elderly At The molecular Level
- New Technologies For Healthy Ageing
- Chronic Airway Diseases In The Elderly
- New Possibilities To Prevent Dementia
- Cardiovascular Diseases

## CALL FOR ABSTRACTS

To go forward and raise further awareness on the need to implement Frailty and Sarcopenia into clinical practice around the world.

Sarcopenia : 1. Biology 2. Animal models 3. Preclinical studies 4. Clinical trials 5. Functional assessment 6. Biomarkers and imaging 7. New drug developments 8. Physical exercise 9. Nutrition intervention 10. Epidemiology 11. other Frailty : 12. Biology of frailty and aging 13. Physical frailty and age-related body composition modifications 14. Cognitive frailty 15. Frailty in clinical practice and public health 16. Clinical trials and therapeutics 17. other.

All investigators are invited to submit abstracts on topics pertaining to conference topics mentioned on the website. Authors are invited to submit abstract(s) using the submission form on this page. Abstracts should contain sufficient detail on the techniques used and the results, which will be shown.

You will receive a confirmation when the abstract has been received. Please contact the conference secretariat if you did not receive confirmation within 5 working days. Submission implies the intent of at least one author to register, attend the symposium and present the paper (either 12+3 minutes orally or in poster format).

Contributions will only be finally accepted after registration and payment of the conference fee. The abstract will be reviewed, and you will be notified of acceptance before 10th September 2016 after which the abstract submission page will be closed.

### IMPORTANT DATES

Abstract Submission Deadline: 30th August 2016

Please Submit your Abstracts by visiting our conference website : [www.geriatricsconference.com](http://www.geriatricsconference.com)  
[info@geriatricsconference.com](mailto:info@geriatricsconference.com)





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## NATIONAL REGISTRATION

Registration Type	Normal Registration Fee	Spot Registration Fee
Faculty / Medical Practitioners / General Category	INR 6000	INR 7000
Research Scholars & Post-doctoral fellows	INR 5500	INR 6000
Students (UP & PG)	INR 4500	INR 6000
Industry Participant	INR 11000	INR 14000

## INTERNATIONAL REGISTRATION

Registration Type	Normal Registration Fee	Spot Registration Fee
Faculty / Medical Practitioners / General Category	\$ 650	\$ 700
Research Scholars & Post-doctoral fellows	\$ 550	\$ 700
Students (UP & PG)	\$ 350	\$ 600
Industry Participant	\$ 750	\$ 850

## MODES OF PAYMENT:

By Bank Transfer, DD / Cheques:

In case of payment by DD/ Cheques; send DD/ Cheques in favor of:

Name of the Account	BioGenesis Health Cluster
Nature of the Account	Current Account
Account Number	009783800003889
Bank & Branch	Yes Bank, Secunderabad
IFSC CODE	YESB0000097

- In case of Bank Transfer from branch; please make sure that your full name is clearly stated on the bank receipt (Bank Transfer without name will not be processed)
- To confirm Registration, please send a copy of receipt and registration form by email or courier to our offices address mentioned below.

### BioGenesis Health Cluster

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