

**EGHD 2017**

**A REPORT ON  
INTERNATIONAL CONFERENCE  
BHARATHIAR UNIVERSITY, COIMBATORE, TAMIL NADU**

**Submitted by**

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**Submitted to**

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## **A REPORT ON INTERNATIONAL CONFERENCE ON "ENVIRONMENT, GENE, HEALTH AND DISEASE-2017"**

"The intellectual sharing among the academia is what breathing is to biological system. It should kindle the spirit of keen inquisitiveness and raise high the torch to intellectual achievements and should have highly positive impact on the collective mind and conscience of humanity."

The 2<sup>nd</sup> International Conference on Environment, Gene, Health and Disease -2017 (EGHD-2017) organized by Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore, held on the dates of 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup> August 2017, was aimed the same and to exchange the information regarding environmental issues associated with health of a common man and genetic aspects of health and disease by providing information based on Gene-Environment interaction and Gene-Gene interactions and it was also focused on understanding how human genetic variability is associated with differential responses to environmental exposure along with differential effects depending on variation in other gene. The topics of the multi-disciplinary conference were highly relevant to the advancement in all-important areas especially Genetics and Human welfare and brought together experts, research scholars and students from various fields and discipline across the India under to an umbrella and paved a scientific platform and offered the opportunities to meet and interact with experts from around the world.

On behalf of Department of Microbiology, Pazhassiraja College Pulpally, Wayanad, myself Rinooj A.B, Jisna C.S, Aiswarya M. Anil and Sandra K.V from 3<sup>rd</sup> year BSc.Microbiology were permitted and attended the 3-Day International Symposium. We were reached at Bharathiar University Campus by previous day itself where we were provided with excellent facilities of accommodation and varieties of food throughout the days of the conference. On very first day (22<sup>nd</sup> August) after the registration and reporting we were provided with a laptop bag, enclosed with a brochure on EGHD-2017, a book entitled as Heart fullness and other required things of best quality and directed to the welcome reception cum session of inauguration that held at Usha Kirtilal Metha Convention Center of Bharathiar University.

Dr. G.Singaravelu, Head of the Department of Education has extended their heartfelt welcome to the resource persons from around the world and one and all gathered there from across the India. Dr. A. Ganapathi, Hon'able vice-chancellor, Bharathiar University, has presided over the function and Dr. V. Balachandar and Dr.P.Janardhana Kumar Reddy, organizing secretaries of EGHD-2017 had given a preamble and prologue on international conference and its objectives. The audience were addressed by Dr.K.M Marimuthu, former vice-chancellor of Bharathiar University, Prof. Aditya Prasad Das, Hon'able vice-chancellor, Central University, Dr.P.R. Krishnakumar, Hon'able chancellor, Avinashilingam University for women, Dr.Premavathi vijayan, vice-chancellor, Avinashilingam University for women, Dr.K.S Sreenivasan, managing director, Vaigarai Homeopathy Hospital and Research Centre, Dr.M Ramesh, Head of the Department of Zoology and Dr.Saikala, co-organizing secretary. The dais of Usha Kirtilal Metha Convention centre was shining brightly by the presence of Prof. Dror Aizenbud,



Director of Unit of Orthodontics and Craniofacial anomalies, Rambam Health Care Campus, Israel and Prof. Ssang Goo Cho, Director and Head of Stem Cell Laboratory, Konkuk University, South Korea. Dr. A Vijaya, Head of the Department of Human Genetics and Molecular Biology has expressed great gratitude and sincere thanks on behalf of the organizing committee of EGHD-2017. After the breakout session for refreshment the gathering was listened to Prof. Dror Aizenbud on "Congenital Craniofacial Anomalies; A new frontier in orthodontics and surgical management" and to Dr. P.K Mishra on "A next generation point-of-care: Nanobiosensor for early diagnosis of environmental associated gynecological cancers-from the biology to clinical translation". We had an another expert session by after lunch, taken by Prof. K Thangaraj, senior principal scientist, Centre for Cellular and Molecular Biology, on "The chronicle of Indian population: Health and disease perspectives and by Prof. S Ilangumaran, Department of Pediatrics, University of Sherbooke, Canada. He in detail dealt with the topic "When the loss one tumor suppressor turns another tumor suppressor into oncogene." The evening sessions were handled by Dr.Ravi Muddashetty, Institute for Stem cell biology and Regenerative medicine and Prof. Ssang Goo Cho and was about "Understanding autism at the molecular level" and "Regulation of self renewal and tumorigenic properties of stem, cancer and cancer stem cells" respectively. The final session was the most colourful of all in which the audience were witnessed for mind blowing cultural events.

On the second day (23<sup>rd</sup> August 2017), being the conference was based on multi-disciplinary topics; various sessions on various topics were conducted at three different auditoriums within the campus of Bharathiar University, according to the convenience of the participants and their area of interests. At the venue of **Usha Kirtilal Metha Convention Centre**, the International symposium had been moved on "**Ayush-Indian Medicine and Homeopathy research**" where eminent personalities and experts had taken the various sessions while the audience of **Thandhai Periyar Auditorium**, were engaged in the discussions with resource persons who had handled the sessions on behalf of International symposium on "**Empowering People Living With Autism**" and the venue become a platform for the oral and poster presentations. By the evening, Usha Kirtilal Metha Convention center was filled with research scholars and students to get participated in the conference focused on "**Health Education and Genetic Disorders**" where Dr.K. Rama Reddy and Dr.Y. Anand Reddy had delivered the keynote address successively on "Psychiatric perspectives of children in conflict with law" and "Uses of electronic devices and technologies; their effects among the students" respectively. There had been an invited talk sessions at **Nachimuthu Seminar Hall** on EGHD-2017 in which many senior scientists, research fellows, and experts had made valuable discussions on their talk on respective papers and their findings.

EGHD-2017 was entered into the last and final day by 24<sup>th</sup> August 2017. The expert sessions were started with Dr.S Babu by morning itself and he delivered his presentation on "Ecological genomics and interactome" and the session was continued by Prof. Emmanuel Rajan who had taken about "Gene-Environment interactions: A risk for developments of psychological disorders". Successively the thread was handed over to Dr.Sangiliyandi Gurunathan who had spoken about "Graphene oxide-Silver-Nanoparticles, Nanocomposite: A potential anticancer nanotherapy" and the



session were continued by experts after the breakout for lunch till the conference moved to the valedictory function by evening. There were conducted in all the three days of the conference, both oral and poster presentations by the students and those who have been going on with their current works of research at august institutions across the India and all over the world and it is very happy to report that Rinooj A.B has presented a paper on **Neutralizing potential of Treditional herbal medicine ( *Sahyadri pittosporum*) against *Echis carinatus* venom from Wayanad** on second day of the conference.

This International conference provided a unique opportunity to share knowledge, exchange new ideas and to form a network with professionals, working on same goal to improve the quality of life. Though a verity of state of art sessions like keynote lectures, discussions and the sessions including oral and poster presentations, it had a special focus on globalisation and explore a new world in Genetics and Clinical research through health education, homeopathic research and autism awareness and new proposal to reduce inequities in access to healthy life. It had explored the current status, development and technologies in the field of Human Genetics and Molecular Biology and favored the intellectual interactions and achieved its objectives which will enhance the knowledge and experience by inducing moderm ideas among the young minds of the participants including me and my friends and paved the way for new inventions and thus to reach highest possible level of health and wellbeing of human.

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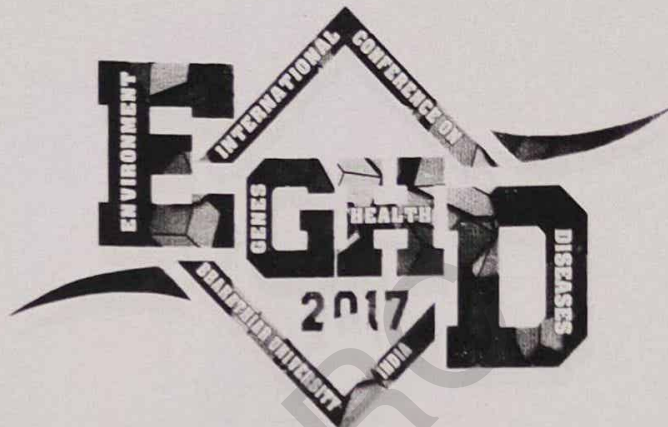


# BHARATHIAR UNIVERSITY

DEPARTMENT OF HUMAN GENETICS AND MOLECULAR BIOLOGY  
COIMBATORE - 641 046, INDIA

## INTERNATIONAL CONFERENCE ON ENVIRONMENT, GENES, HEALTH & DISEASES - 2017

22<sup>nd</sup> - 24<sup>th</sup> August 2017



### CERTIFICATE

This is to certify that Prof/ Dr/ Mr/ Mrs/Ms *Aiswarya*  
has participated/presented a paper - Oral/Poster/acted as Session Chair  
entitled "

in the scientific deliberations of "INTERNATIONAL CONFERENCE ON  
ENVIRONMENT, GENES, HEALTH & DISEASES - 2017" organized by the  
DEPARTMENT OF HUMAN GENETICS AND MOLECULAR BIOLOGY,  
Bharathiar University, India during 22<sup>nd</sup> - 24<sup>th</sup> August 2017.



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CREDITS

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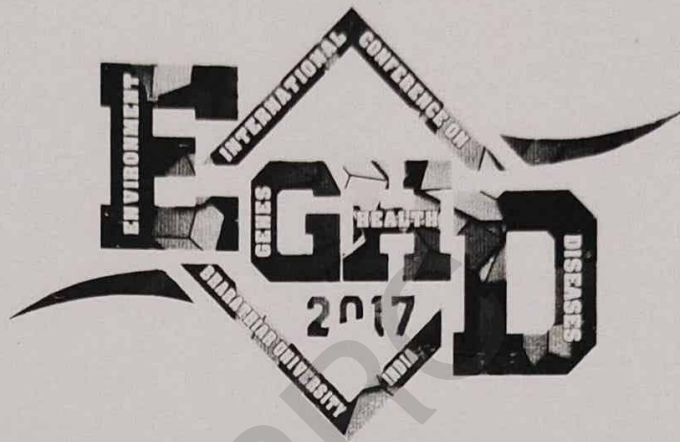


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## CERTIFICATE

This is to certify that Prof/ Dr/ Mr/ Mrs/Ms *Sandra k.v*  
has participated/presented a paper - Oral/Poster/acted as Session Chair  
entitled

in the scientific deliberations of "INTERNATIONAL CONFERENCE ON  
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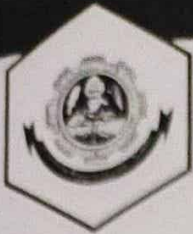
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EDITS

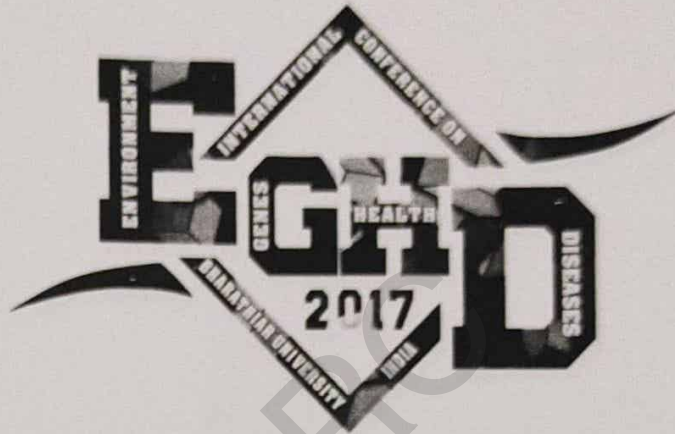


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has participated/presented a paper - Oral/Poster/acted as Session Chair  
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*[Signature]*

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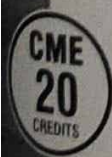
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# CERTIFICATE

This is to certify that Prof/ Dr/ Mr/ Mrs/Ms *Nayana P. R*  
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