On behalf of the International Biophilia Rehabilitation Academy, I express gratitude to your visit, to all my international friends.

You are invited by the founder and director in order to realize "the revolution of hope" with people all over the world and to build up a sustainable super-aged society by overcoming many difficulties named “the aging crisis.”

It is important to clarify the present problems, to show the way to solve it by encouraging and introducing our research, and to promote the enforcement, both domestic and abroad on the basis of the facts. It is necessary to establish the new civilization not to assume the increase in elderly person a negative factor, meaning the integration of the elderly population toward the productive society.

This invitation describes this endeavor in the pursuit of "the revolution of hope" in the hopes of forming ranks with you.

**Population pyramid inversion**

The population pyramid inversion has happened for the first time in the history of the human beings as the result of the ultimate demographic transition. Is it possible to build up the sustainable, super-aged society in the society of population pyramid inversion? Can we, the human beings cope with this situation? The decrease in population resulting from a decrease in the birthrate is rapidly progressing, especially in Japan.

From progress of the demographic transition and decrease in the birthrate, people have anxiety in the stability of the social security of a pension, medical treatment, and care. The entitlement gaps between generations have also become clear. It is not an overstatement although the resignation to collapse is seen by people. We named the crisis caused by the population pyramid inversion “the aging crisis.”

Naturally the past politics, the present politics, and the expected future improved politics that will
advance a federal system introduction are important. However, is the aging crisis over the present civilization of the population pyramid inversion conquerable only by changing a political institution? Prof. KEIO University Yukichi Fukuzawa encouraged the private school students’ study, hearing the roar of guns on the occasion of conversion for the Meiji government from Tokugawa Shogunate by the Meiji Restoration in Japan. It is clear that changing the system is important, and there is a precedent which sets the education of the youth, the next generation who bears the foundation of new era.

Paradigm shift on the rehabilitation medicine

We aim at the restructuring of rehabilitation (rehab) medicine. The beginning of "the revolution of hope" was declared at the workshop and international conference which were held in Romania and Poland in 2011. Romania and Poland, which hosted the conference, were the countries which realized and contributed to the revolution in the communist end. The author declared it as the President of the International Biophilia Rehabilitation Academy that it was the start of realizing "the revolution of hope," namely "the society formulation of independent living for the advanced age disabled person achieving independence from care reliance by enforcement of the restructured rehab medicine."

The core concept of rehab medicine as "accept the disability" must be switched to "overcome the disability." It is a paradigm shift on the rehabilitation. As for the rehab technique, it is a change to the Takizawa Method organized with the Motivative Exercise which is using devices and exercising extremities simultaneously regarding the self-sustaining rehab exercise from the Proprioceptive Neuromuscular Facilitation by the passive exercise.

We have concluded the study result to be effective, so that the beginning of "the revolution of hope" has been declared. The paradigm shift means the change-over of the standard of social common sense and the revolutionary transition of an era of change.

Especially in the field of science, the continued efforts by any outsider of the related domain and the scientific mechanism clarification would be required in order to cause the paradigm shift. In order for the "revolution of hope" realization which prevents the social disruption of the aging crisis, the author considers that two paradigm shifts are required. One is a paradigm shift of the rehab medicine, although the contents have been clarified with many papers and reports since 1998, such as the "establishment of the rehab medicine innovation which can overcome the disability."

However, the policy of the Ministry of Health, Labor and Welfare needs to be reflected in realization of this paradigm shift; one more step study needs to be inquired. If "overcome the disability" is attained, one can live by one self in independent living, even if one has disabilities. This means it would not be necessary to rely on care from another person.

Paradigm shift on Japanese consciousness and people all over the world

The second paradigm shift is related to the life of the people and national consciousness derived from it. It is the change of one's attitude on reliance to the other: that we must live as a dependant because of disabilities that can’t be cured. It is the change mind for “it is good for us to rely on the authorities such as bureaucrats and politicians,” and "not fearful, if we cross anything all together.”
The revolution of hope is a change of view and a way of life for the people to shape society where they enable independent living due to dealing with the subject of social security to receive a pension and terminal care. In addition, the enforcement of the restructured rehab medicine for overcoming disabilities although it is important to change the political institution.

The Revolution of Hope

The population pyramid is inverting. Various social problems cause in the population pyramid inverted society. The situation that the human being faces for the first time in our history brings the Aging Crises.

It is necessary to establish the new civilization not to assume the increase in elderly person a negative factor, meaning the integration of the elderly population toward the productive society and in the reform of the life cycle that is currently refined by education, labor, and retirement in order to overcome the Aging Crises with two Paradigm shift.

The REVOLUTION OF HOPE will be realized by our endeavor to study the conjugated research fields with medical science, engineering, and social science, and to promote the enforcement, both domestic and abroad on the basis of the facts.

BIOPHILIA

The Meiji Restoration in Japan is in the conversion of a political institution.

In respect to living, people lived on an agrarian civilization until that time. It became impossible for them to support their increased population since the appropriate place for development of new rice fields could not be located. The reduction in population occurred. The author considers that at such time in one sense, it has converted into an industrialization civilization in Japan by stimulus of the US ocean boat visitation in 1853. Aren't we now as facing the decrease in population of the developed countries?

Our new journal named "BIOPHILIA" means "the love to and/or of a life" and "when a risk of threatening a life has fully been recognized, we shift to the action which results in a big change to the way to organize society by the power of love to the life, which each has."

We are proud of our activity, our endeavor, and to send the important information to the world by the journal BIOPHILIA.

And readers, my dear friends, please form ranks with us. We deeply wish to advance the revolution of hope with you.