



H3C HEALTH SCIENCES INNOVATION
CONFERENCE in India

The Ohio State University (OSU) and All India Institute of Medical Sciences (AIIMS) jointly hosted an International conference in Mumbai, India, from January 14 to 17, 2015. Prof. Montagnier, Nobel laureate in Medicine, also co-chaired the FPP session with Mr. Hayashi, President of the Osato Research Institute, in which three presentations were made under the following titles: "the effect of FPP upon radiation exposure" by Prof. Fibach of Hebrew University, "the effect of FPP in Thalassemia" by Prof. Rachmilewitz of the Wolfson Medical Center, and also "FPP in the stimulation of respiratory burst function of innate immune cells in Type II diabetes patients" by Dr. Sashwati Roy of the Ohio State University. It is noted that researchers from different fields argued heatedly about the potential of FPP and its effect of mechanism.



Milano Expo 2015 / Conference for
Prevention of Chronic Diseases in Italy

Prof. Chandan from Ohio State University made a presentation on his clinical study using FPP on Type II diabetic patients. There were many scientists from all over the world in this only conference held during the Expo, giving many new suggestions for prevention of chronic diseases.



2015 Nürburgring 24Hrs in Germany

The second 24-Hour race this year was held from May 16 to 17 in Germany. It has been ten years since Dr. Ulrich Bez started competing at the Nürburgring 24 Hours as Aston CEO with the use of Immun'Âge. The result of the last race of Dr. Bez was his great victory in its class.

Attention of the World

The Global Eye

"The Global Eye" introduces products or services attracting attention from a global point of view.

Immun'Âge®



OSATO RESEARCH INSTITUTE / Immun'Âge

Have you ever heard about Immun'Âge, becoming the topic of conversation in Europe as a focus?

Immun'Âge is FPP (Fermented Papaya Preparation) made from natural Carica Papayas. It is categorized as a dietary supplement in Japan; however, there have been numerous clinical papers published on the effects of FPP, elsewhere in the world. In Canada, it is authorized to sell as NHP (Natural Health Product to be positioned between medicines and foods) with the claim of "Stimulates the antioxidants systems for the maintenance of good health" allowed. Research and evaluation has been developed of FPP especially in Europe and USA, and their results have been attracting the public eye in a great deal.

Furthermore, in 2002, Immun'Âge became the talk of the world, because it was widely reported that the Pope John Paulo II was taking it for his health recovery. While the increasing medical cost is getting a big problem at a national level, FPP, developed by Osato Research Institute, has been receiving remarkable attention in the field of preventive medicine as well, and Mr. Yukiyasu Hayashi, President of Osato Research Institute, is one of the Japanese people who may be worthy of a global notice.



Immun' Âge was handed to Pope Francis in Italy



The President of Osato Research Institute Yuki Hayashi and his wife were invited for the 23rd World Day of the Sick in Vatican on February 11, 2015. They had a great honor to be able to talk with Pope Francis about the importance of preventive medicine and handed him a box of Immun'Âge. The story of Immun'Âge with Vatican began in June 2002 when Prof. Luc Montagnier (2008 Nobel Prize laureate of Medicine) handed Immun'Âge directly to Pope John Paul II, suffering from Parkinson disease, for health recovery. In January 2012, the Osato team had another great honor for the second time to present Immun'Âge in Vatican to Pope Benedict XVI. It was such an honorable and exciting news that we were given the third opportunity this time to present Immun'Âge to the current Pope. Since 2012, Immun'Âge has been sold in the Vatican pharmacy.



ORI Paris, UNESCO in France

The ORI opened a new office within the UNESCO building in Paris. We would like to work further on the dissemination of preventive medicine by education for young generations in cooperation with UNESCO, trying to reduce medical costs.



2015 Le Mans 24 Hours Race in France

ORI participated in 2015 Le Mans 24 Hours with Aston Martin. Every year ACO « Automobile Club de l'Ouest », the organizer of Le Mans 24 Hours, organizes a golf tournament called "President Cup" on the day before the race for VIP guests or Journalists, and one professional player and 3 amateur players make a team to play golf at the Country Club of Le Mans in the circuit. The team Immun'Âge has been invited to play there since three years ago. Last Year, we finished in the second place and this year we achieved a victory.



Simms/Mann-UCLA Center for Integrative Oncology in USA

The Simms / Mann - UCLA Center for Integrative Oncology is a part of the UCLA, and it is designed to help patients and their family members optimize their wellness and address the challenges throughout the continuum of their care by effective supplements. Immun'Âge is sold at the center as an immune boosting food supplement.



24 Hours of Silverstone in UK

Aston Martin, with its over 100 - year - old history, has been involved with racing and its previous CEOs have driven racecars in the 24-hour endurance races. A new CEO, Andy Palmer, also made his first attempt of 24-hour race and experienced the effect of Immun'Âge to cope with time difference himself. He passed the checker flag on the 5th position as a final driver.



Interview by METI for ISO Management System in Japan

Osato Laboratory Inc., manufacturer of Immun'Âge, certified with ISO9001, ISO14001, ISO22000 and FSSC22000, received an interview by the Ministry of Economy, Trade and Industry (METI), and an article turned out in the METI's booklet published in April 2015.



2014 Press Conference in Italy

On December 1, 2014, the Press Conference at the House of Parliament in Rome, Italy. The speakers were Prof. Luc Montagnier, Italian Minister of Health, Vatican Director of Health and Representative of Media, highlighting the importance of prevention of infectious diseases such as Aids and Ebola.



Promotion of Immun'Âge at Charles de Gaulle Airport in France

With onset of a full-fledged winter, those flying about in the world such as jet setters, so-to-speak, are vulnerable to temptation of catching someone's cold. In 2014 winter, the promotion of Immun'Âge was started at the Charles de Gaulle Airport in France, inviting a lot of attention from airline crews and users concerned.



Immun'Âge is a topic in the Spanish media

Queen Letizia is famous as a health enthusiast, keeping youthful appearance at all times. Spanish media "LA RAZON" reported that Immun'Âge might be one of her secrets.

A Part of Recently Published Papers (Clinical Papers) on FPP



Does oral supplementation of a fermented papaya preparation correct respiratory burst function of innate immune cells in type 2 diabetes mellitus patients?

Antioxid Redox Signal. 2015 Feb 1 ; 22(4) : 339-45.

Dickerson R, Banerjee J, Rauckhorst A, Pfeiffer DR, Gordillo GM, Khanna S, Osei K, Roy S.

Department of Surgery, Comprehensive Wound Center, The Ohio State University Wexner Medical Center, Columbus, Ohio, USA



Oxidative Stress in Patients with Alzheimer's Disease: Effect of Extracts of Fermented Papaya Powder

Mediators of Inflammation. 2015 ; 2015 : 624801

Barbagallo M, Marotta F, Dominguez L J

Geriatric Unit, Department DIBIMIS, University of Palermo, Via del Vespro, 129, 90127 Palermo, Italy



The Hidden Phenomenon of Oxidative Stress During Treatment of Subclinical-Mild Hypothyroidism: A Protective Nutraceutical Intervention.

Rejuvenation Res. 2014 Apr ; 17(2) : 180-3.

Tomella C, Catanzaro R, Illuzzi N, Cabeca A, Zerbinati N, Celep G, Milazzo M, Sapienza C, Italia A, Lorenzetti A, Marotta F.

ReGenera Res Group for Aging Intervention, Milan, Italy.

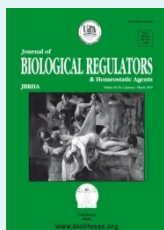


Cardioprotective Effect of a Biofermented Nutraceutical on Endothelial Function in Healthy Middle-Aged Subjects

Rejuvenation Res. 2012 Apr ; 15(2) : 178-81.

Marotta F, Yadav H, Kumari A, Catanzaro R, Jain S, Polimeni A, Lorenzetti A, Soresi V.

ReGenera Res Group for Aging Intervention, Milan, Italy.



Is there a potential application of a fermented nutraceutical in acute respiratory illnesses? An *in-vivo* placebo-controlled, cross-over clinical study in different age groups of healthy subjects.

J Biol Regul Homeost Agents. 2012 Apr-Jun ; 26(2) : 285-94.

Marotta F, Naito Y, Jain S, Lorenzetti A, Soresi V, Kumari A, Carrera Bastos P, Tomella C, Yadav H.

Hepatogastroenterology Department, S. Giuseppe Hospital, Milan, Italy



Redox balance signalling in occupational stress: modification by nutraceutical intervention.

J Biol Regul Homeost Agents. 2011 Apr-Jun ; 25(2) : 221-9.

Marotta F, Naito Y, Padriani F, Xuewei X, Jain S, Soresi V, Zhou L, Catanzaro R, Zhong K, Polimeni A, Chui DH.

ReGenera Res Group for Aging Intervention, Milan, Italy.

Recent FPP Presentations made in International Academic Meetings in USA, Italy, Belgium, Russia and Japan



ANTI-AGING MEDICINE
WORLD CONGRESS
EASTERN EUROPE 2014
in Moscow
Presentation of "Oxidative
Stress and Alzheimer
Disease"



2014 Annual
Meeting of
Japanese Society of
Applied
Glycoscience



2014 Annual Meeting of Japanese
Society for Medical Use of Functional
Foods



2015 Milan Expo
in Italy
Scientific Convention
for Prevention of
Chronic Diseases



2015 Paris Appeal Congress
in Belgium
held by European Cancer and
Environment Research Institute



17th International Food Conference at University of San Diego in USA
Professor Francesco Marotta and Amelie Mantello were invited to speak about FPP at the 17th International Food Conference held at the University of San Diego (USD), San Diego, California, USA, November 18 & 19, 2014.
Amelie explained about natural approaches towards influenza and flu-like syndromes, with presentation of the scientific background of FPP, while Dr. Francesco Marotta covered the results of the URTI study and other interesting subject such as the use of FPP during occupational stress, as well as the regulation of redox balance gene expression and accelerated wound closure in diabetics.

Immun'Âge and Inflammaging

Since you're born, you start a fight against your environment where you'll find stressors which are of very different origins. Environmental stressors could be physical, chemical or biological. Our body is equipped with defense systems in order to fight against these stressors. These natural systems of defense are organized in a network of defense functions or anti-stress responses which are playing a role of anti-aging mechanisms.

Naturally, majority of people want to live a healthy long life. To achieve this, goal factors influencing our lifespan are modifiable in order to protect ourselves against environmental stressors. Protection could be under our decision (modifications of our diet or of our bad habits, modification of our environment) or relative to our genetic equipment (different genetic polymorphisms make difference between individuals).

New medicines appear recently like predictive medicine which takes care of genetic analysis equipment allowing us to know our sensibility and by the way to the risk of having some diseases. This predictive medicine could help protect us by taking care of factors which could promote diseases at risk.

Preventive medicine by measurement of body parameters (oxidative stress parameters) which are linked with results of environmental stress allows us to protect our body by modifying habits like diet (alimentation, food supplement), by protecting us against sun or pollutants exposure.

In our network defense, our main systems are represented by our natural physiological immune and anti-oxidative systems.

Lifespan had been dramatically increased since the 20th century with progress in conventional medicine (drugs, vaccination, prophylaxis or hygiene). But progress had also come with increases of stressors like aerial pollution (industrial plants, cars...) as well as pollution inside food (pesticides in water or in food), radiations (electromagnetic fields cosmic radiation during long haul flights, Scans, X-rays or radiations due to atomic plant problems). Exhaustive activities like sport at high level or psychosocial stress due to heavy work are also stressors which are deleterious to our health.

Unfortunately, our defense systems are decreasing with age and are overtaken by these accumulation of stressors, leading to attacks resulting in acceleration of aging process. Among these attacks, we have to face particularly to a chronic systemic inflammation which we could call "Inflammaging". With societies which become 'more and more old', it is necessary to find solutions to protect us in order to stay healthy with age. Predictive medicine allows us to change our habits in order to decrease risk of diseases, we are genetically more sensible. And preventive medicine allow us to measure results of protection we have taken. These protections we could take are of different origin. We could take care of our environment (diminution of pollution exposure when it is possible or intake of food

supplement which could help to counteract our diminution of defenses systems.

Immun'Âge as food supplement which is able to increase both of our main physiological systems, immune and antioxidative, is one of the best solution to help our body to stay healthy during aging.

Osato Research Institute had performed a lot of clinical studies with Immun'Âge and prove the potential of this food supplement to enhance the antioxidative and immune activity which protect our body and allow people to stay healthy during aging.

Inflammaging is the price to pay when we are getting older because keeping a good immune system during aging lead to a chronic production of inflammatory cytokines like TNF alpha, IL6 which are deleterious by creating a systemic chronic inflammation which is linked with oxidative stress.

Centenarians are able to maintain a low level of inflammatory cytokines and stay with a low systemic inflammation and keep a long healthy life. So maintaining a low level of inflammatory cytokines and keeping a low oxidative stress status is a key to stay healthy during aging.

Immun'Âge which is able to decrease TNF alpha and IL6 (study LP) is a food supplement which protects us by maintaining a low level of inflammatory cytokines and could play an interesting role for anti-aging management by fighting against systemic inflammatory called "Inflammaging". Immun'Âge is a food supplement which increases activity of the main antioxidative enzymes like SOD, Glutathione peroxidase and numerous clinical studies support this property. Oxidative stress is an important factor in many chronic degenerative diseases linked with age like chronic hepatitis, atrophic gastritis, Alzheimer disease, Parkinson, Arteriosclérosis, and Cancers... Immun'Âge protects us by fighting against oxidative stress and could decrease risk of these degenerative diseases. During aging, our immune system is decreasing (see figure), clinical studies had proved that Immun'Âge is able to protect us against risks of infection by increasing the potential of our immune system.

A study recently made in Ohio State University has proved that Immun'Âge is able to enhances energy production (ATP) in mitochondria. This process of energy production is also decreasing during aging. Immun'Âge could protect our body against fatigue by helping energy production necessary for main body metabolisms. Immun'Âge is a unique food supplement able to protect us against decrease of our antioxidative and immune systems occurring during aging, but also able to protect us against "Inflammaging" (Chronic systemic inflammation increasing with age) and to protect us against aging weakness. With all these properties, Immun'Âge is one of the best candidate to maintain a healthy long life.



Dr. Pierre Mantello, Director of Osato Research Institute