



Anti-Aging Therapeutics Volume IX

Contents & Article Summaries

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43	<p>The Role of Nutrition, Exercise, and Habits in Aging: The Anti-Aging Lifestyle <i>Rafael Santonja, PharmD.***</i></p> <p>When we talk about aging of the human being we can differentiate between chronological aging, morphological aging, and metabolic aging. The major aspects of morphological and metabolic aging are loss of lean body mass, bone, and cartilage density, loss of flexibility in the blood vessels, and reduction in hormone secretion. There is a close relationship between lifestyle (nutrition, physical exercise, and habits) and the aging process.</p>	293
44	<p>Phytoestrogens and Hormone Therapy for Climacteric Women <i>Professor Adolf E. Schindler, M.D., Ph.D.**</i></p> <p>During the past few years hormone replacement therapy (HRT) has been questioned in many ways. In recent years, new findings have been published on the positive effects of phytoestrogens, in particular isoflavones, at the tissue level. Thus, the climacteric period of the female, comprising the pre-, peri- and postmenopausal years, is a key topic of discussion. Therefore, a comparison was done on the effect of HRT and phytoestrogens on main events and organ functions in climacteric women. This comparison revealed that HRT has, without any doubt, very good effects on climacteric symptoms, collagen (skin and bone), and blood vessels. However, this is accompanied by increased proliferative events at the tissue level, for example the breast, as well as an increase in tryglycerides, C-reactive protein (CRP), sex hormone binding globulin (SHBG), and activation of the hemostatic system. On the contrary, phytoestrogens, such as isoflavones, have a limited impact on the climacteric symptoms, preserve bone mass, lead to a decrease of proliferative events in the tissues such as the breast, decrease tryglycerides, and do not activate the hemostatic system. Based on these facts a unifying concept for HRT and phytoestrogens for the various phases of the climacteric women is presented.</p>	297
45	<p>Medico-Legal Issues for Those in the Anti-Aging Field <i>Jeffrey Segal, M.D., FACS*</i></p> <p>Medicine is changing and practitioners in the anti-aging field are driving some of the change. As there are new benefits to patients, there are also new risks to patients</p>	301

	and physicians. It has often been said that pioneers take arrows. In that context, anti-aging practitioners should be eminently aware of the risks their emerging field faces. Medical Justice is an entity that was created by physicians for physicians to address exactly these risks. This paper will address the risks as well as the techniques that can be used to mitigate these risks.	
46	<p>The Latest Innovations in Arthroscopic Shoulder Surgery and Other Related Topics</p> <p><i>Dr. Ron Shane (with Jodi Lasky, PA-C)</i></p> <p>Shoulder surgery is unpredictable as compared to other orthopedic procedures; and there are many conflicting views amongst the world’s most outstanding surgical practitioners regarding this succinct region of the body. There are many factors both intrinsic and extrinsic, which impacts a patient’s overall outcome. The effective treatment of shoulder related pathologies as well as the minimization of extensive recovery times associated with those procedures has remained problematic. This paper review the latest innovations in arthroscopic shoulder surgery and other related topics.</p>	305
47	<p>New Developments in Phytochemical Nutrition for Anti-Aging: Prevention of Atherosclerosis</p> <p><i>Professor Güenter Siegel, M.D., Ph.D. (with P. Schäfer, M. Rodríguez, T. Weber, and M. Malmsten)*</i></p> <p>The prevention or deceleration of atherogenesis is one of the most significant anti-aging objectives, since this is a matter of avoidance of myocardial infarction and stroke. To approach this prophylactic aim, phytochemical nutrition counteracting peroxidation of blood lipids based on their scavenger qualities for reactive oxygen species (ROS) may be of benefit. For example, oxidized LDL particles are highly atherogenic. On this background, we investigated in a pilot study the effect of Ginkgo biloba (EGb 761: Rökan[®] novo; Ginkgold[®]), the free oxygen radical scavenging properties of which are well-documented, on atherosclerotic nanoplague formation in cardiovascular high-risk patients.</p>	313
48	<p>Vibration Training as an Intervention to Reduce Functional Aging</p> <p><i>Joseph F. Signorile, Ph.D.*</i></p> <p>Scientists in the fields of exercise physiology, physical therapy, and other related fields have been examining physical interventions that can maintain and even increase functional performance as we age. In this quest to improve “functional age” a number of factors have been identified as important targets to maintain independence, increase mobility, and prevent catastrophic injuries (such as falls). Among the most important of these factors are: muscular power and strength, flexibility, agility, bone density, and body composition. Although exercise interventions have proven effective in addressing each of these factors, these interventions are generally time-consuming and labor intensive. Whole body vibration (WBV) has been studied for many years as a training tool to increase a multitude of the factors associated with performance. This paper will examine the physics and physiology of whole body vibration (WBV) and its reported impact on physical changes associated with the aging process.</p>	335
49	<p>Advanced Hormone Replacement Therapy</p> <p><i>Pamela W. Smith, M.D., MPH*</i></p> <p>The menopause hormone response is as unique to an individual as their fingerprint. Hormone replacement therapy (HRT) should not be done without a thorough understanding of all the hormones in the body. Hormones really are a symphony, and in a symphony everything needs to be playing in tune. If you have one hormone that is not playing in tune, then your patient will not have a good response. This paper will discuss the functions, symptoms of hormone deficiency, and symptoms of hormone excess, associated with: estrogen, progesterone, testosterone, DHEA, cortisol, insulin, pregnenolone, and thyroid hormone.</p>	345

50	<p>Mercury (Thimersol) and Aspartame as Cofactors in the Epidemic of Neurodegenerative Diseases <i>K. Paul Stoller, M.D., FAAP***</i></p> <p>The artificial sweetener aspartame (6-methyl-1,2,3-oathiazine-4[3H]—one-2,2-dioxide salt of L-phenlalanyl-2-methl-L-alpha-aspartic acid), is consumed, primarily in beverages, by a very large number of Americans, causing significant elevations in plasma and brain phenylalanine levels. It is very likely that aspartame, which was once considered a new chemical warfare agent by the US military has resulted in an enormous toll in illness, disability, and death. The failure of the medical profession and many governmental and other public health agencies to concern themselves with this ignored epidemic parallels what has taken place with the use of Thimerosal in vaccines. As with Thimerosal, the most grievous offense of the illegal approval and continued use of aspartame pertain to the damage that this chemical can induce in infants and children. Moreover, aspartame could affect subsequent generations born to mothers who were misled about the safety of this and related chemicals. This paper will discuss the role of both aspartame and Thimersol in the pathology of neurodegenerative disease.</p>	357
51	<p>Clinical Applications of Saliva Hormone Testing and Clinical Research Data on Cortisol Abnormality in Obesity and Stress <i>Paul Ling Tai, D.P.M., ABPS, FACFS, ND (Hon)*</i></p> <p>In the quest for hormone rejuvenating programs, one of the most important first steps is the vital evaluation of each individual's hormone status with hormone testing technology. This requires direct testing and measurement of each of the essential sex hormones that affect aging. Blood serum hormone testing is by far the most common technique practiced by most mainstream physicians in the United States. Careful analysis reveals that serum hormone testing has a number of complications that make it much more difficult to implement and use. Saliva hormone testing is a relatively new technology by comparison, however, by comparison, it is more limited in its acceptance and usage. Technological developments in saliva hormone testing, namely the Luminescence Immunoassay (LIA), mean that saliva hormone testing is more sensitive and accurate then ever before. This paper will discuss saliva hormone testing and its clinical applications.</p>	365
52	<p>Twenty-First Century Technologies for Skincare: Research & Clinical Data <i>Paul Ling Tai, D.P.M., ABPS, FACFS, ND (Hon)***</i></p> <p>The face is the most precious and beautiful representation of the body. However, it easily reveals the aging and wrinkles of accumulated years. Anti-Aging skincare has 21st Century technologies that are within your reach; it is no longer the old method of layering your skin with lotions that contain potentially harmful chemicals and preservatives, now, thanks to recent research, science is unlocking the secrets to living longer and looking younger. This paper will discuss the research and clinical data behind these 21st century technologies.</p>	377

* Denotes speaker at Spring 2006 Session of the Annual International Congress on Anti-Aging Medicine & Regenerative Biomedical Technologies;
 ** Denotes speaker at Summer 2006 Session;
 *** Denotes speaker at Winter 2006 Session.

Anti-Aging. Filter. Filter Anti-Aging Body Care Cancer Care CBD Hemp Wholesale. 4 products. Sort. Sort Featured Alphabetically, A-Z Alphabetically, Z-A Price, low to high Price, high to low Date, new to old Date, old to new. Premier Crème. Regular price \$65.00. Elite Platinum Crème. Anti-Aging Therapeutics, volume 17 is, again, designed for those with a health, medical, or biotechnological education or professional experience. It is not intended to provide medical advice, and is not to be used as a substitute for advice from a physician or health practitioner. For those individuals interested in the diagnostics and/or therapies described by chapter authors of Anti-Aging Therapeutics, volume 17, A4M urges that you consult a knowledgeable physician or health practitioner, preferably one who has been Board Certified in Anti-Aging Medicine. You may find one by utilizing the Anti-Aging Directory at www.a4m.com. Anti-Aging Therapeutics volume 17 Copyright © 2015. American Academy of Anti-Aging Medicine. Anti-Aging Therapeutics Volume XII. By A4M American Academy of Anti-Aging Medicine. Length: 933 pages 8 hours. Description. Proceedings of the American Academy of Anti-Aging Medicine's (A4M) Seventeenth World Congress on Anti-Aging Medicine & Regenerative Biomedical Technologies, Spring, Summer and Winter Sessions (2009 conference year). Also includes Anti-Aging Clinical Protocols, 2010-2011. Read More. IX. Online Electronic Database on Aging Intervention: We encourage the establishment of an online electronic database on aging intervention. Doing so will enable the worldwide medical community to arrive more expeditiously at innovative approaches to disease. AgeX Therapeutics is focused on the development and commercialization of novel therapeutics targeting human aging. We are building upon the foundation of our proprietary technologies such as PureStem® and induced Tissue Regeneration (iTR®,) to develop innovative medicines designed to address some of the largest unsolved problems in aging. Through PureStem® we have the ability to generate pluripotent stem cell-derived young cells of any type for potential application in a range of degenerative diseases of aging with a high unmet medical need. iTR®, is our revolutionary longevity platform aiming t Anti-Aging Therapeutics Volume IX - Contents & Article Summaries. been studied with subjects exercising on vibrating platforms that produce sinusoidal vibrations. This paper will discuss the clinical applications of WBV and its benefits. 26 New Strategies to Slow Down the Photoaging of Human Skin. Professor John G. Ionescu, Ph.D.* This paper is concerned with the photoaging of human skin and strategies to slow down this process. These strategies have emerged from our experience with free radical mediated diseases like discoid lupus erythematosus and eczema solare, where sufferers are extre