

**DR. ANN de WEES ALLEN®**

**NUTRITIONAL NEUROSCIENCE  
CHIEF OF BIOMEDICAL RESEARCH  
CHIEF SCIENCE OFFICER**

**GLYCEMIC RESEARCH INSTITUTE®  
GLYCEMIC.COM**



**DIRECTOR OF IIRB BOARD APPROVED  
HUMAN IN VIVO CLINICAL TRIALS  
GLYCEMIC INDEX & LOAD  
OBESITY & DIABETES  
GUT-BRAIN AXIS  
SPORT SCIENCE & PERFORMANCE**

**ASSOCIATION OF CLINICAL RESEARCH  
PROFESSIONALS: ACRP MEMBER for 19 YEARS:  
2005 TO CURRENT 2024**

**GLYCEMIC RESEARCH INSTITUTE®  
GLYCEMIC.COM  
CAPITOL HILL-WASHINGTON, D.C.**

## **Background Clinical Research Projects**

**Glycoside Metabolic Research (Monk Fruit/Stevia)**

**Glycemic Index & Load**

**Obesity & Diabetes: Board Approved Clinical Trials  
in Adults & Children**

**Sickle Cell & Thalassemia: Joint Partner Researchers:  
*John's Hopkins Dept. of Genetics & Dr. Randall Maxey,  
MD, PhD, President of the National Medical  
Association: Presented at the United Nations General  
Assembly***

**Microgravity in Space Flight - NASA**

**Sport Performance Beverages: Research &**

**Development: Professional Sport Performance:**

**Metabolic Fuel in Sports Science: NSF Approved**

- **RESEARCH & DEVELOPMENT OF BRAIN-FRIENDLY FUEL & SPORT-FUEL IN THE FIELD OF BRAIN ENERGETICS (based on Board Approved Human In Vivo Clinical Trials)**

## **Gut-Brain Axis: Neural Coding**

**Director: Nutritional Neuroscience in Coding Foods & Beverages**

**METABOLIC GPS SYSTEMS IN THE GUT-BRAIN AXIS: DEVELOPING ALTERNATIVES TO HIGH GLYCEMIC SUGARS, SWEETENERS, NON-METABOLIC & ARTIFICIAL SWEETENERS: PLANT-BASED (GRAS) BIOMOLECULES AS ZWITTERIONS; CROSSING THE BLOOD-BRAIN BARRIER (BBB) IN HUMANS: CORE VECTOR COMPOUNDS; INCLUDING L-ARGININE & SWEET-FLAVOR SYSTEMS (Dr. Allen Patent Received)**

### **RESEARCH DIAMETERS & QUANTIFICATIONS:**

- **IRBB BOARD APPROVED HUMAN IN VIVO CLINICAL TRIALS**
- **LC-MS; Liquid Chromatography Mass Spectrophotometer; Design & Identification of Viable Plant-Based Biomolecules: *TIME OF FLIGHT* LCMS: Research conducted by independent laboratory for Dr. Allen Core Compounds**
- **LC-MS IDENTIFICATION & UTILIZATION OF BRAIN & BLOOD-SUGAR APPROPRIATE SUGARS, SWEETENERS, GLYCOSIDES, AND PLANT METABOLICS IN THE DESIGN OF BLOOD-SUGAR, DIABETIC, OBESITY, AND KID-FRIENDLY NATURAL SWEET-SYSTEMS FOR FOODS & BEVERAGES (with Clinical Research)**

## **AWARDS, PATENTS, TECHNOLOGY**

### **NEWSWEEK MAGAZINE NEWSWEEK MEDIA**

**Dr. Ann de Wees Allen® named as one of the “TOP 10 EXPERTS in the World”**

### **SCIENTIST GENERATES OVER \$ 1 BILLION DOLLARS IN PATENTS & TECHNOLOGY**

### **FIRST GLYCEMIC PATENT EVER AWARDED WORLDWIDE**

**1<sup>st</sup> PATENT EVER AWARDED ON GLYCEMIC INDEX: PIONEER OF THE GLYCEMIC INDEX**

### **WHO’S WHO OF AMERICAN INVENTORS:**

**PATENTS ISSUED: Allen, Ann de Wees**

**DATA BACKED BY IRBB CLINICAL TRIALS**

**UNITED STATES PATENT OFFICE: USPTO**

- **LOW GLYCEMIC BEVERAGES, INCLUDING ENERGY DRINKS, COFFEE, TEAS, WATER, OR ANY OTHER ORALLY CONSUMED LIQUID; DOWNREGULATION OF ADIPOSE TISSUE FAT-STORAGE IN HUMAN FAT CELLS VIA LPL AND FTO OBESITY GENE; ADIPOSE TISSUE FAT-BURNING THERMODYNAMICS; BLOOD GLUCOSE CONTROL IN BEVERAGE TECHNOLOGY & SWEETENING-SYSTEMS WITH DELIBERATE BRX LEVEL TECHNOLOGY**
- **LOW GLYCEMIC TECHNOLOGY IN WEIGHT MANAGEMENT, TYPE 2 DIABETES, & SPORT DRINKS**

- **LOW GLYCEMIC KEY CODED BIO-MOLECULES IN FOODS & BEVERAGE FORMULAS & DESIGN**
- **METABOLIC THERMODYNAMICS: FUEL PARTITIONING IN THE PRODUCTION OF ATP BRAIN FUEL VIA THE GUT-BRAIN AXIS (GBA); IN VIVO BRAIN UPTAKE OF LOW GLYCEMIC ENERGY/FUEL SYSTEMS TRIGGERED AT THE CEPHALIC PHASE OF THE GBA & TRANSPORTED VIA THE NEURAL GLUT 1 PATHWAY; NEURAL TRANSPORTER SYSTEMS IN THE GBA; NEURAL DETERMINATION OF MOLECULAR AND MOLAR MASS TRANSPORTER BIO-MOLECULES IN THE GBA, WHEREIN SAID MOLECULES DO NOT STIMULATE INSULIN-OVER-ELEVATION IN BLOOD GLUCOSE**
- **GUT-BRAIN AXIS (GBA) ORAL RECEPTOR RESPONSE UTILIZING MOLECULAR TRANSPORT SYSTEMS IN THE BLOOD-BRAIN BARRIER (BBB): FOR THE DELIVERY OF MEMBRANE-IMPERMEABLE BIO-COMPOUNDS AS ANALOGS THAT CROSS THE BBB VIA SAID TRANSPORTERS; DESIGN & PRODUCTION OF BIO-MOLECULES THAT TRANSPORT GBA NEURAL MESSAGES & BRAIN-FUEL FROM THE *MOUTH-TO-THE-BRAIN (Demonstrated by Board Approved IRBB Human In Vivo Clinical Trials)***
- **NUTRITIONAL NEUROSCIENCE; CROSSING THE BLOOD-BRAIN BARRIER (BBB) TO ELICIT THE PRODUCTION OF GROWTH HORMONE (GH), NITRIC OXIDE, & ANTI-AGING IN HUMANS; UTILIZATION OF L-ARGININE AS A ZWITTERION IN PHARMACEUTICAL AGENTS & IN SICKLE CELL DISEASE (human subjects data provided to the USPTO Patent Office (1 \$ Billion Dollars generated by this patent globally))**

**USPTO AWARDED REGISTERED TRADEMARKS**  
Allen, Ann de Wees: 52 Trademarks including *Switch the Brain-Switch the Game*.

**WILLIAM SHATNER (Captain James T. Kirk, STAR TREK) Conducts 1-Hour Interview with Top Research Scientist Dr. Ann de Wees Allen®**  
William Shatner named Dr. Ann de Wees Allen® as one of “America’s Finest Entrepreneurs”  
**SHOW TOPIC: *America’s Finest Entrepreneurs***  
William Shatner TV “Moving America Forward”  
hosted by William Shatner Media Production

**CLINICAL RESEARCH SCIENTIST**  
**COMBINATORIAL CHEMISTRY**  
**PUBLISHED ON THE FRONT PAGE OF THE *WALL STREET JOURNAL*: \$300. Million dollars generated in 1<sup>st</sup> year of Patent Awarded.** Dr. Ann de Wees Allen’s Patented products went on to generate millions of dollars for top Global Nutraceutical Companies.

**DR. ANN DE WEES ALLEN® AWARD FOR:**  
**“BREAKTHROUGH PRODUCT OF THE YEAR” by *Success* magazine**

**GLYCOSIDE RESEARCHER**  
**FIRST SCIENTIST TO BRING MONK FRUIT INTO THE UNITED STATES TO CONDUCT GLYCOSIDE**

**CLINICAL TRIALS in HUMANS & DETERMINE GLYCOSIDE METABOLIC RESPONSE; UTILIZATION OF NATURAL PLANT BASED TECHNOLOGY IN NATURAL LOW GLYCEMIC SWEETENERS, FOODS & BEVERAGES, NUTRACEUTICALS & PHARMACEUTICALS**

**PATENT RECEIVED: NEURAL TRANSPORT OF METABOLIC AGENTS ENTERING THE BLOOD-BRAIN BARRIER ACTIVATING THE HYPOTHALAMIC-PITUITARY AXIS (HPA)**

**NASA: Mitigation of the Side Effects of Microgravity in Astronauts During Space Flight; Research by Dr Ann de Wees Allen®**

**Who's Who in *Diabetes Education and Research* by the *American Diabetes Association* & member of the *American Diabetes Association Council on Nutritional Science & Metabolism***

**Global Medical Lectures Worldwide-in Asia for 5½ Years (Thalassemia – Sickle Cell): Tokyo Convention Center; Singapore, Hong Kong, Malaysia, Thailand**

**PATENTS IN BEVERAGE TECHNOLOGY: DIRECTIONAL BIO-CODING IN HUMANS: Downregulating Adipose Tissue Fat Storage via Lipoprotein Lipase (LPL) via Coffee, Tea, including**

any beverage. Received the 1<sup>st</sup>L-Arginine Patent for Reinstatement of Hypothalamus/Pituitary Generated Growth Hormone (GH) via the Blood-Brain Barrier (BBB)

## **NEWS: BOLD SCIENTIST CORRECTS**

**DISCOVER MAGAZINE!** Known in the industry for her bold stance of setting high standards in scientific accuracy, Dr. Ann de Wees Allen<sup>®</sup> went so far as to correct *Discover* magazine, whose educational publication is considered the gold standard in science. Her statement on quaternary saturated amines prompted a correction by *Discover*. As a result of Dr. Allen's long-term research and patent on the amino acid L-arginine, the medical and scientific community referred to her as the *Leader in L-Arginine Biochemistry*, and the *Queen of Arginine*. The *Biology Dictionary* selected Dr. Allen's definition of L-arginine as their standard. When Dr. Allen was asked by the media how she was able to stay on the leading edge of *future-science*, she replied: "Part science, part skill, and part intuition. Speculating on nonlinear images allows me to think much more quickly and multi-dimensionally. Albert Einstein used this method and was able to develop his theory of relativity due to his ability to make intuitive leaps. Intuitive leaps allow me to ignore conventional science and make theoretical bonds with metabolic concepts. The key then, is to scientifically prove these concepts."

**GERALDO RIVERA TV SHOW FEATURING DR. ANN DE WEES ALLEN, TOP SPORTS PERFORMANCE RESEARCHER:** Dr. Allen's sport performance clients are considered the best athletes in the world, including the *World Powerlifting Association*,



***Mr. Universe (Ron Coleman), Ms. Galaxy (Brandi carrier), Olympic athletes, and numerous other athletes who use her patented L-Arginine products and Protein drinks, designed specifically for powerlifters, and her “Zero-Defect Machine” Low Glycemic food programs. As proof that her programs work, one of the female powerlifters stated that Dr. Allen’s products and programs allowed her to win World Titles as the “Strongest Woman in the World” with a record of 650 pounds. Dr. Allen’s bodybuilding clients consume huge amounts of food including her patented Low Glycemic Protein Drinks, while holding 6 percent body fat, a feat once considered impossible. Arnold Schwarzenegger invited Dr. Allen to lecture with him at the Arnold Classic to present her research in sport science, and to bring some of the top athletes with her, which she paraded across the stage. The Geraldo Rivera show featured Dr. Ann de Wees Allen and Lou Ferrigno, and Dr. Allen had no problem arguing with Ferrigno about growth hormone and L-Arginine. This show was named one of the top favorites.***

### **DR. ANN DE WEES ALLEN CLIENTS**

### **CONSULTANT TO PROFESSIONAL ATHLETES**

**Consultant to World Powerlifting Association, Mr. Universe, Ms. Galaxy, Arnold Schwarzenegger Classic, and world-class athletes. Designed & Formulated line**

**of Sport Products: GH, Nitric Oxide, Protein Drinks, Performance Drinks (Patents Received)**

**CLEAR CHANNEL SPORTS RADIO: Dr. Ann de Wees Allen; Top Guest Expert in Sport Nutrition; Consultant to Tampa Bay Bucs**

**INDIAN NATIONAL CRICKET TEAM**

**YUVRAJ SINGH:** Dr. Ann de Wees Allen® designed the high-performance Cricket Drink for maximum performance for the India National Cricket Team. Yuvraj Singh stated “I love Dr. Allen’s Cricket drink and use it in tournaments!” Yuvraj won 7 Player of the Series awards in ODI cricket, which is joint 3rd highest by an Indian. Yuvraj was conferred with the Arjuna Award, India's second highest sporting award by the Government of India, and was awarded the Padma Shri, India’s fourth highest honor, and was awarded the *FICCI Most Inspiring Sportsperson of the Year Award*.

**JORDAN ROMERO:** Dr. Allen formulated and Patented a Nitric Oxide formula for World Record Holder in Mountain Climbing, Jordan Romero, named the *Youngest Person in the World to climb Mt. Everest at age 13*.

**INDYCAR CHAMPION MICHAEL ANDRETTI**

**Dr. Allen designed the Performance Drink Products for her client Michael Andretti; four-time *IndyCar* champion and *Formula One* champion**

## **BRUCE SPRINGSTEEN**

**Dr. Allen designed the Energy Drink and Nutraceutical Products used by Bruce Springsteen onstage. Dr. Allen was a good friend of Springsteen's manager of 30-years, Terry Magovern, and Springsteen adopted the brother and sister of Dr. Allen's dog, Lady Sierra the 6<sup>th</sup>, German Shepherd Guard Dogs from the Applejack**

**Academy. [WIKIPEDIA.COM: Magovern, Terry & Bruce Springsteen. Frank Terry Magovern was a longtime assistant to Bruce Springsteen. After several years working in Jersey shore bars, Mr. Magovern began running Big Man's West, a Red Bank nightclub owned by Springsteen's saxophonist, Clarence Clemons. After the club closed a few years later, Mr. Magovern continued working for Clemons and in 1987 joined Springsteen and The E Street Band on their Tunnel of Love Express Tour. The concerts had a carnival theme, and, as each musician walked onto the stage, he handed a ticket to Mr. Magovern, who was sitting in a booth. Mr. Magovern served as Springsteen's personal assistant, and was credited with research on Springsteen's 1995 album, "*The Ghost of Tom Joad*," and was identified as Springsteen's "dedicated sidekick" on 2002's "*The Rising*"]**

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