
CURRICULUM VITAE

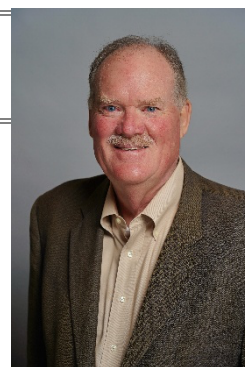
Jeffrey S. Bland, PhD, CNS, FACN, FACB

Founder & President

Personalized Lifestyle Medicine Institute

President, Big Bold Health Holdings, Inc.

Co-Founder, Institute for Functional Medicine



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EXPERIENCE

2019 – Present	Founder & President, Big Bold Health Holdings, Inc.
2012 – Present	Founder & President, Personalized Lifestyle Medicine Institute
2014 – 2019	Founders, KinDex Pharmaceuticals, Inc.
2012 – 2017	President, Marine Therapeutics, LLC
2000 – 2012	Chief Science Officer, Metagenics, Inc.
2000 – 2005	President, Metagenics
2006 – 2012	CEO / President, MetaProteomics (subsidiary of Metagenics, Inc.)
2009 – 2014	Chairman and CEO, KinDex Therapeutics, LLC
1991 - 2006	Chairman of the Board, The Institute for Functional Medicine
1991	Co-Founder, The Institute for Functional Medicine, Gig Harbor, Washington
1984 – 2000	Chief Executive Officer, HealthComm International, Inc., Gig Harbor, Washington
1983 – 1986	Senior Research Scientist & Former Director of the Nutritional Supplement Analysis Laboratory, Linus Pauling Institute of Science & Medicine, Palo Alto, California
1971 – 1984	Professor of Chemistry with a specialty in Nutritional Biochemistry, University of Puget Sound, Tacoma, Washington
1978 – 1993	Founding Board Member, Bastyr University, Seattle, Washington
1977 – 1984	Director, Bellevue-Redmond Medical Laboratory, Bellevue, Washington
1977 – 1978	Director, Nutritional Biochemistry, The Evergreen State College, Olympia, Washington
1975	Visiting Professor, University of Oregon, Eugene, Oregon
1973 – 1974	Visiting Professor, University of Hawaii

RELATED EXPERIENCE/PROFESSIONAL ACTIVITIES

Board Member	Institute for Functional Medicine
Board Member	Equinox
Board Member	Bloom Science, Inc.
Advisory Board Member	L-Nutra
Past Board of Advisors	Mehmet Oz's Health Corps
Chairman	Synthesis, LLC
Past Board Vice Chairman	Metagenics Board of Directors
Past Board Member	Self Health Network
Board Member	Certification Board for Nutrition Specialists (CBNS)
Past Board Member	The Aspen Center for Integrative Medicine
Past Board Member	The Pharmaca Medical Advisory Board
Past Board Member	Grand Bank Yachts, Ltd.
Fellow	American College of Nutrition
Fellow	National Academy of Clinical Biochemists
Senior Investigator	American Association of Clinical Scientists
Past Board Member	Genova Diagnostics
Past Board Member	Coleman Natural Meats

BUSINESSES FOUNDED

1976	Bellevue Redmond Medical Laboratory
1978	Medical Computers International
1982	Stewart Medical Seminars
1984	HealthComm International, Inc.
1987	BoneScan, Inc.
1991	Institute for Functional Medicine
1999	Synthesis
2000	Metagenics International, Inc.
2001	MetaProteomics
2009	Kindex Therapeutics
2012	Marine Therapeutics
2013	Personalized Lifestyle Medicine Institute
2014	Kindex Pharmaceuticals, Inc.
2019	Big Bold Health, LLC

AWARDS

- * Burton Kallman Award, Natural Products Association, 2014
- * Bastyr University Founder's Mission Award, 2012
- * Lifetime Achievement Award & Education Award, Nutrition Business Journal, 2012
- * Inducted into the *New Hope Hall of Legends*, 2012

- * President's Award, Natural Products Association, 2010
- * Inducted into the *Orthomolecular Medicine Hall of Fame*, 2009
- * Scientific Achievement Award, Integrative Healthcare, 2009
- * The Ruth Johnson Award, 2009 – Presented to the person who has supported Frequency Specific Microcurrent in a significant or special way.
- * Honorary Degree, Doctor of Letters, The National College of Chiropractic, 1998
- * The Founders Award, Institute for Functional Medicine, 1997
- * The Leonardo daVinci Award, The Institute for the Achievement of Human Potential, 1996
- * The Linus Pauling Heroes Award, Institute for Functional Medicine, 1993
- * The Spectrum Award, The World Organization for Human Potential, 1992
- * Norman Clark Senior Lecturer, American Academy for the Advancement in Medicine, 1991
- * Theron Randolph Lecturer, American Academy of Environmental Medicine, 1990
- * Hermes International Vitamin Prize, Munich, Germany, 1986
- * Honorary Doctor of Naturopathic Medicine, The National College of Naturopathic Medicine, 1978
- * American Men & Women in Science
- * Phi Kappa Phi, National Academic Honorary

SPEAKING EVENTS

- * White House Meeting with Dr. Ezekiel Emanuel, Special Advisor to Health Policy to the Director of the Office of Management and Budget, Peter Orzack. February 2009
- * Senate Hearings on Integrative Health Care chaired by Senator Harkin, Washington, DC, February 2009
- * IOM Summit on Integrative Medicine & the Health of the Public, Washington, DC, February 2009
- * Food As Medicine, January 2009, Center for Mind-Body Medicine
- * Expert Panel on Dietary & Nutritional Supplements for the Military, January 2009, Rand Corporation
- * 38th Annual Orthomolecular Medicine Conference, May 2009, Orthomolecular Association
- * NBJ Summit, July 2009, Nutrition Business Journal
- * Integrative Healthcare Symposium, 2009, 2008, 2007, 2006
- * Scripps Center for Integrative Medicine Conference, 2009, 2008, 2007, 2006
- * American Society for Bariatric Medicine, April 2008
- * The World Organization for Human Potential, May 2008
- * Integrative Medicine Asia, November 2007, Singapore
- * University of Arizona Grand Rounds, 2007
- * World Obesity & Weight Loss Congress, 2005
- * Dana-Farber Cancer Institute, November 2002
- * White House Presentation on Complementary & Alternative Medicine, 2001

MEMBERSHIPS/PROFESSIONAL SOCIETIES

Personalized Medicine Coalition
The American College of Lifestyle
Medicine
Royal Society of Medicine – London
Institute of Food Technologists
Society for Nutrition Education
American Chemical Society
American Association for the
Advancement of Science
New York Academy of Sciences
American Association of Clinical
Chemistry
American Public Health Association
American Association of Clinical
Scientists
American Society for Nutrition

National Wellness Institute
Council for Responsible Nutrition
American College of Nutrition
American Society of Parenteral & Enteral
Nutrition
National Academy of Clinical Biochemists
American Chiropractic Association Council on
Nutrition
Certification Board for Nutrition Specialists
American Dietetic Association
American Oil Chemists Society
Society for Free Radical Biology and Medicine
(formerly The Oxygen Society)

EDUCATION

PhD Chemistry
BS Biology
Certified Clinical Laboratory Director

University of Oregon, Eugene, 1971
University of California at Irvine, 1967
University of South Carolina Medical
School, 1975

BIOGRAPHY

Dr. Jeffrey Bland is a thought leader who has spent more than four decades focused on the improvement of human health. He is known worldwide as the founder of the Functional Medicine movement, which represents his vision for a care model that is grounded in systems biology and informed by research that he has a unique ability to synthesize. His pioneering work has created the Personalized Lifestyle Medicine Institute (PLMI), as well as the Institute for Functional Medicine (IFM).

Dr. Bland is the author of best-selling books and over 120 peer-reviewed research publications. He speaks extensively, and his engaging style makes him popular with both professional and consumer audiences. Dr. Bland's latest project is Big Bold Health, launched in 2018. He's on a mission to transform the way people think about one of nature's greatest innovations: the immune system. Through Big Bold Health, Dr. Bland is advocating for the power of immuno-rejuvenation to enhance immunity at a global level.

Dr. Bland served as Chief Science Officer for Metagenics for 12 years and also served as their President for five of those 12 years. He founded HealthComm International, Inc. in 1985, and served as its Chief Executive Officer until the merger with its strategic partner, Metagenics, in 2000.

As the principal visionary of HealthComm, Dr. Bland had already distinguished the company as a leader in the development of medical foods by the time of the merger. In 1991 he and his wife, Susan, established the internationally respected Institute for Functional Medicine (IFM) to train health practitioners globally in the application of nutritional and functional medicine.

Dr. Bland's educational passion was recorded on a monthly basis in his *"Functional Medicine Update"*, an audio magazine which had been in continuous publication for nearly 30 years. In this unique format Dr. Bland taught the tenets of **functional medicine** to professional healthcare practitioners, students, and audiences around the world. Dr. Bland reads and synthesizes hundreds of journal articles each month and utilizes that information to help clinicians bridge the gap between conventional and complementary or alternative medicine. Also a skilled interviewer, Dr. Bland has conversed with respected clinicians and researchers at the forefront of medicine in this audio magazine.

A nutritional biochemist and registered clinical laboratory director, Dr. Bland is a former professor of biochemistry at the University of Puget Sound, and a previous Director of Nutritional Research at the Linus Pauling Institute of Science and Medicine. In 1983 he founded the Natural Products Quality Assurance Alliance. This group of more than 300 natural food products industry leaders met for two years to develop a Quality Assurance Document, which was the first for the industry. In 1994 Utah Senator Oren Hatch entered this document into the Federal Register as part of the supporting information that led to the passage in 1995 of the Dietary Supplement and Health Education Act (DSHEA).

Dr. Bland has authored eight books on nutritional medicine for the healthcare professional and six books on nutrition and health for the general public. He is also the principal author of over 100 peer-reviewed research papers on nutritional biochemistry.

Committed to advancing education in the natural health sciences, Dr. Bland was a member of the first Board of Trustees of Bastyr University in Washington State, the first federally accredited university in the United States offering graduate and undergraduate degrees in natural medicine, and contributed significantly to its founding and accreditation. With his highly regarded seminar series on science-based nutrition and health, Dr. Bland continues to focus on providing practical education to healthcare professionals worldwide.

Dr. Bland holds patents for nutritional products and oversees the activities of the Functional Medicine Research Center and the Institute for Functional Medicine.

PUBLISHED PROFESSIONAL PROFILES/INTERVIEWS

5. Gustafson C. Jeffrey Bland, PhD, FACN, FACB: Heart disease, inflammation, and the revolution in health care. *Alternative Therapies Health Medicine*. 2013;19(1): 50-5.
4. Turner RN. Reproducing miracles: The Scientific Odyssey of Dr. Jeff Bland. *CAM Magazine* (online) United Kingdom. September 2004: 38-42.
3. Gazella K. Jeffrey S. Bland, Ph.D., FACN, CNS: Functional Medicine Pioneer. *Alternative Therapies*. Sept/Oct 2004;10(5): 74-81.
2. Pizzorno J. Jeffrey Bland, Ph.D: Nutritional Medicine Sage and Father of Functional Medicine. *Integrative Medicine*. August/September 2004;3(4):54-56.
1. Coulter, AH. Functional Medicine for Long-Term Healing. *Alternative & Complementary Therapies*. February 2004:34-38

PUBLISHED BOOKS: PROFESSIONAL & CONSUMER

PROFESSIONAL

8. Bland JS. Nutrigenomics: Strategic Prevention of Musculoskeletal Disorders of Aging. Chapter 2 in: *Scientific Evidence for Musculoskeletal, Bariatric, and Sports Medicine*. Ingrid Kohlstadt (ed), Taylor & Francis, Boca Raton, Florida, 2006:27-41.
7. Contributions to the Textbook of Functional Medicine, published by The Institute for Functional Medicine; Gig Harbor, WA; 2005:
 - Jones DS, **Bland JS**, Quinn S. Chapter 2: What is Functional Medicine, Chapter Subsection: Introduction to Functional Medicine
 - Jones DS, **Bland JS**. Chapter 2: What is Functional Medicine, Chapter Subsection: History of Functional Medicine
 - Bland JS. Chapter 3c: Why Functional Medicine, Chapter Subsection: Functional Medicine Incorporates Genomics
 - Jones DS, **Bland JS**, Quinn S. Chapter 12 : Health Aging : The Program of Organ Reserve.
 - Bland JS. Chapter 13a: Environmental Inputs, Chapter Subsection: Diet and Nutrients.
 - Bland JS. Chapter 13b: Environmental Inputs, Chapter Subsection: Air and Water
 - Liska DA, **Bland JS**. Chapter 17: Digestion and Excretion
 - Bland JS. Chapter 30a: Clinical Approaches to Energy Production and Oxidative Stress, Chapter Subsection: Bioenergetics, Mitochondrial Function, and Oxidative Stress in Functional Medicine.
 - Lyon M, **Bland JS**, Jones D. Chapter 31a : Clinical Approaches to Detoxification and Biotransformation, Chapter Subsection : Genetic and Environmental Influences on Detoxification.
 - Bland JS, Jones DS. Chapter 32a: Clinical Approaches to Hormonal and Neuroendocrine Imbalances, Chapter Subsection: Cellular Messaging, Part I.

- Bland JS, Jones DS. Chapter 32b: Clinical Approaches to Hormonal and Neuroendocrine Imbalances, Chapter Subsection: Cellular Messaging, Part II.
- 6. Bland, JS. Co-author on Clinical Nutrition – A Functional Approach, second edition. The Institute for Functional Medicine. 2004.
- 5. Levin LB, Schmidt M, **Bland JS**. Functional medicine: an integrative paradigm. In: *Textbook of Complementary and Alternative Medicine*. Baltimore, MD: Williams & Wilkins; 1997.
- 4. Levin B, **Bland JS**. Nutritional therapy. In: *Encyclopedia of Alternative Medicine*. Suffolk, UK: SP Creative Design; 1997.
- 3. Bland JS. Improved detoxification from drugs and alcohol through nutrition. *Directions in Rehabilitation Counseling*. 1992; 3(12):3-16.
- 2. Editor of *Yearbook in Nutritional Medicine*, 1984-85. New Canaan, CT; Keats Publishing Company, April 1985.
- 1. Editor of 1986 – *A Year in Nutritional Medicine*. New Canaan, CT; Keats Publishing Company, 1986.

CONSUMER

- 6. Bland JS. *The Disease Delusion: Conquering the Causes of Chronic Illness for a Healthier, Longer , and Happier Life*. New York, NY: HarperCollins; 2014
- 5. Bland JS. *Genetic Nutritioneering*. Lincolnwood, IL: Keats Publishing; 1999.
- 4. Bland JS. *The 20-Day Rejuvenation Diet Program*. New Canaan, CT: Keats Publishing; 1996.
- 3. Bland JS. *Nutraerobics*. San Francisco, CA: Harper & Row; 1983.
- 2. Bland JS. *Medical Applications of Clinical Nutrition*. New Canaan, CT: Keats Publishing Company; 1983.
- 1. Bland JS. *Your Health Under Siege: Using Nutrition to Fight Back*. Brattleboro, VT: Stephen Greene Press; 1981.

PUBLICATIONS AND PAPERS

- 148. Perlmutter AD, **Bland JS**, Chandra A, Malani SS, Smith R, Mendez TL, Dwaraka VB. The Impact of a Polyphenol-Rich Supplement on Epigenetic and Cellular Markers of Immune Age. *Frontiers*. 2024 Nov 17;11
<https://doi.org/10.3389/fnut.2024.1474597>

147. Nelson DH, Prescott SL, Logan AC, **Bland JS**. Clinical Ecology—Transforming 21st-Century Medicine with Planetary Health in Mind. *Challenges*. 2019 Feb; 10(15): 1-16.
146. Wu S, Xue P, Grayson N, **Bland JS**, Wolfe A. Bitter Taste Receptor Ligand Improves Metabolic and Reproductive Functions in a Murine Model of PCOS. *Endocrinology*. 2019 Jan 1;160(1):143-155.
145. Kok BP, Galmozzi A, Littlejohn NK, Albert V, Godio C, Kim W, Kim SM, **Bland JS**, Grayson N, Fang M, Meyerhof W, Siuzdak G, Srinivasan S, Behrens M, Saez E. Intestinal bitter taste receptor activation alters hormone secretion and imparts metabolic benefits. *Mol Metab*. 2018 Oct;16:76-87.
144. Kern PA, Finlin BS, Ross D, Boyechko T, Zhu B, Grayson N, Sims R, **Bland JS**. Effects of KDT501 on Metabolic Parameters in Insulin-Resistant Prediabetic Humans. *J Endocr Soc*. 2017 Apr 21;1(6):650-659.
143. **Bland JS**, Minich DM, Eck BM. A Systems Medicine Approach: Translating Emerging Science into Individualized Wellness. *Adv Med*. 2017;2017:1718957.
142. Finlin BS, Zhu B, Kok BP, Godio C, Westgate PM, Grayson N, Sims R, **Bland JS**, Saez E, Kern PA. The Influence of a KDT501, a Novel Isohumulone, on Adipocyte Function in Humans. *Front Endocrinol (Lausanne)*. 2017 Sep 29;8:255.
141. **Bland J**. Intestinal Microbiome, *Akkermansia muciniphila*, and Medical Nutrition Therapy. *Integr Med (Encinitas)*. 2016 Oct;15(5):14-16.
140. **Bland J**. The Gut Mucosal Firewall and Functional Medicine. *Integr Med (Encinitas)*. 2016 Aug;15(4):19-22.
139. **Bland J**. Where Is Health Care Headed? *Integr Med (Encinitas)*. 2016 Jun;15(3):16-8.
138. **Bland J**. Mild Cognitive Impairment, Neurodegeneration, and Personalized Lifestyle Medicine. *Integr Med (Encinitas)*. 2016 Apr;15(2):12-4.
137. **Bland J**. When Is a Rare Disease Not so Rare? Implications for Medical Nutrition Therapy. *Integr Med (Encinitas)*. 2016 Mar;15(1):14-6.
136. **Bland J**. When Is a Disease a "Disease"? *Integr Med (Encinitas)*. 2015 Dec;14(6):14-6.
135. **Bland J**. Functional Medicine: An Operating System for Integrative Medicine. *Integr Med (Encinitas)*. 2015 Oct;14(5):18-20.
134. **Bland JS**, Minich DM, Lerman RH, Darland G, Lamb JJ, Tripp ML, Grayson NA. Isohumulones from Hops (*Humulus lupulus*) and Their Potential Role in Medical Nutrition Therapy. *PharmaNutrition*. 2015 Apr;3(2):46-52.
133. Konda VR, Desai A, Darland G, Grayson N, **Bland JS**. KDT501, a derivative from hops, normalizes glucose metabolism and body weight in rodent models of diabetes. *PLoS One*. 2014 Jan 30;9(1):e87848. doi: 10.1371/journal.pone.0087848.

132. Minich DM, **Bland JS**. Personalized lifestyle medicine: relevance for nutrition and lifestyle recommendations. *ScientificWorldJournal*. 2013 Jun 26;2013:129841.
131. Vroegrijk IO, van Diepen JA, van den Berg SA, Romijn JA, Havekes LM, van Dijk KW, Darland G, Konda V, Tripp ML, **Bland JS**, Voshol PJ. META060 protects against diet-induced obesity and insulin resistance in a high-fat-diet fed mouse. *Nutrition*. 2013 Jan;29(1):276-83.
130. Tripp ML, Darland G, Konda VR, Pacioretty LM, Chang JL, **Bland JS**, Babish JG. Optimized mixture of hops rho iso-alpha acids-rich extract and acacia proanthocyanidins-rich extract reduces insulin resistance in 3T3-L1 adipocytes and improves glucose and insulin control in db/db mice. *Nutr Res Pract*. 2012 Oct;6(5):405-13.
129. Lamb JJ, Konda VR, Desai A, **Bland JS**, Tripp ML. The Effects of Tetrahydro-iso-alpha Acids and Niacin on Monocyte-Endothelial Cell Interactions and Flow-mediated Vasodilation. *Glob Adv Health Med*. 2012 Sep;1(4):84-91.
128. Dahlberg C, Harris G, Urban J, Tripp M, **Bland JS**, Carroll B. Isolation of bitter acids from hops (*Humulus lupulus* L.) using countercurrent chromatography. *J. Sep. Sci*. 2012;35:1183-1189.
127. Vroegrijk I O.C.M., van Diepen JA, van den Berg S.A.A., Romijn JA, Havekes LM, van Dijk KW, Darland G, Konda V, Tripp M, **Bland JS**, Voshol PJ. META060 protects against diet-induced obesity and insulin resistance in high-fat diet fed mouse. *Nutrition*. 2012.
126. Desai A, Darland G, **Bland JS**, Tripp M, Konda V. META060 attenuates TNF- α -activated inflammation, endothelial-monocyte interactions, and matrix metalloproteinase-9 expression, and inhibits NF- κ B and AP-1 in THP-1 monocytes. *Atherosclerosis*. 2012;223:130-136.
125. Lamb J, **Bland J**. The heart and medicine: Exploring the interconnectedness of cardiometabolic-related concerns through a systems biology approach. *Global Advances in Health and Medicine*. 2012;1(4):84-91.
124. Bland JS. Making clinical sense of the inflammatory/chronic disease story. *Townsend Lett*. 2011 Jun;56-59.
123. Bland J. The role of estrogen metabolism: an interview with Eleanor Rogan, PhD. *Integr Med*. 2011 Feb/Mar;10(1):35-38.
122. Bland JS. Metabolic syndrome: the complex relationship of diet to conditions of disturbed metabolism. *Funct Foods Health Dis*. 2011 Feb;1(2):1-12.
121. Bland J. Pioneering Research: David R. Jacobs, PhD, Explains relationship between xenobiotics and Type 2 diabetes. *Integr Med*. Dec 2010/Jan 2011;9(6):52-57.

120. Dahlberg CJ, Traub JS, Tripp ML, **Bland JS**, Carroll BJ. Countercurrent purification of the tetrahydro iso- acids derived from *Humulus lupulus*. *J Sep Sci* 2010;33:1-5.
119. Lamb JJ, Konda VR, Quig DW, Desai A, Minich DM, Bouillon L, Chang J, Hsi A, Lerman RH, Kornberg J, **Bland JS**, Tripp ML. A program consisting of a phytonutrient-rich medical food and an elimination diet ameliorated fibromyalgia symptoms and promoted toxic element detoxification in a pilot trial. *Altern Ther Health Med*. 2011;17(2):36-44.
118. Minich D, Lerman R, Darland G, Babish J, Pacioretty L, **Bland JS**, Tripp ML. Hop and acacia phytochemicals decreased lipotoxicity in 3T3-L1 adipocytes, db/db mice, and individuals with metabolic syndrome. *J Nutr Metab* 2010;2010: 11 pages; Article ID 467316. doi:10.1155/2010/467316.
117. Lerman RH, Minich DM, Darland G, Lamb JJ, Chang J-L, Hsi A, **Bland JS**, Tripp ML. Subjects with elevated LDL cholesterol and metabolic syndrome benefit from supplementation with soy protein, phytosterols, hops rho is-alpha acids, and Acacia nilotica proanthocyanidins. *J Clin Lipidol* 2010;4:59-68.
116. Konda VR, Desai A, Darland G, **Bland JS**, Tripp ML. META060 inhibits osteoclastogenesis and MMPs in vitro and reduces bones and cartilage degradation in a mouse model of rheumatoid arthritis. *Arthritis Rheum* 2010. Jun;62(6):1683-1692.
115. Bland JS. Cancers as systemic functional diseases, Part 2: Clinical implications. *Altern Ther Health Med*, May 2010;16(3).
114. Bland JS. Cancers as systemic functional diseases, Part 1: Defining the cancer domain. *Altern Ther Health Med*, March 2010;16(2).
113. Holick MF, Lamb JJ, Lerman RH, Konda VR, Darland G, Minich DM, Desai A, Chen TC, Austin M, Kornberg J, Chang J-L, Hsi A, **Bland JS**, Tripp ML. Hops rho iso-alpha acids, berberine, vitamin D3 and vitamin K1 favorably impact biomarkers of bone turnover in postmenopausal women in a 14-week trial. *J Bone Miner Metab* 2010;28(3):342-350.
112. Konda VR, Desai A, Darland G, **Bland JS**, Tripp ML. Rho iso-alpha acids from hops inhibit the GSK-3/NF-κB pathway and reduce inflammatory markers associated with bone and cartilage degradation. *J Inflamm* 2009;6(26):doi10.1186/1476-9255-6-26.
111. Schiltz B, Minich DM, Lerman RH, Lamb JJ, Tripp ML, **Bland JS**. A science-based clinically tested dietary approach for the metabolic syndrome. *Metab Syndr Relat Disord*. June 2009;7(3):187-192.
110. Tripp ML, Konda VR, Darland G, Desai A, Chang J-L, Carroll BJ, **Bland JS**. Rho-iso-alpha acids and tetrahydro-iso-alpha acids are selective protein kinase inhibitors which potentially reduce inflammation in macrophages in vitro and in the collagen-induced rheumatoid arthritis model in vivo. Proc 2nd intl symp humulus. DeKeukeleire [Editor]; *Acta Horti* 2009;848:221-223.

109. Bland JS. Reforming the US healthcare system: Implementing an effective approach to chronic disease. *Integr Med* 2009 Oct/Nov;8(5):41-43.
108. Bland JS. Resveratrol opportunism: What is the science behind the claims? *Integrative Medicine*, Dec 2008/Jan 2009, 7(6):50-51.
107. Desai A, Konda VR, Darland G, Austin M, Prabhu KS, **Bland JS**, Carroll BJ, Tripp ML. META 060 inhibits multiple kinases in the NF- κ B pathway and suppresses LPS – mediated inflammation *in vitro* and *ex vivo*. *Inflammation Research*, 2009, 58:1-6.
106. Lerman RH, Minich DM, Darland G, Lamb JL, Schiltz B, Babish JG, **Bland JS**, Tripp ML. Enhancement of a modified Mediterranean-style, low glycemic load diet with specific phytochemicals improves cardiometabolic risk factors in subjects with metabolic syndrome and hypercholesterolemia in a randomized trial. *Nutrition & Metabolism (Lond)*, 2008;5(1):29.
105. Bland JS. Autism: Asking the right questions to find the right answers. *Altern Ther Health Med*. Nov/Dec 2008;14(6): 20-21.
104. Bland JS. The future of nutritional pharmacology. *Altern Ther Health Med*. Sept/Oct 2008;14(5):12-14.
103. Minich D, **Bland JS**. Dietary management of the metabolic syndrome beyond macronutrients. *Nutrition Reviews*. 2008;66(8):429-444.
102. Bland JS. The importance of functional biomarkers in the management of chronic illness. *Altern Ther Health Med*. July/Aug 2008;14(4):18-21.
101. Bland JS. Give yourself a little 'TLC'. Simple lifestyle changes can help you avoid chronic disease. *To Your Health*. July 2008;2(7). Retrieved online Jul 24, 2008 <http://www.toyourhealth.com/mpacms/tyh/article.php?id=1059>
100. Bland JS. 'Therapeutic lifestyle change (TLC) programs. A new opportunity for health care practitioners. *Dynamic Chiropractic*. June 3, 2008;26(12). Retrieved online Jul 24, 2008 <http://www.chiroweb.com/archives/26/12/20.html>
99. Bland JS. Systems biology, functional medicine and folates. *Altern Ther Health Med*. May/June 2008;14(3):18-20.
98. Bland JS. Does complementary and alternative medicine represent only placebo therapies? *Altern Ther Health Med*. Mar/Apr 2008;14(2).
97. Bland JS. Functional somatic syndromes, stress pathologies and epigenetics. *Altern Ther Health Med*. Jan/Feb 2008;14(1):14-16.
96. Bland JS. Functional Medicine – The way to treat autism now. *Autism Advocate*. First edition 2008:26-31

95. Hall AJ, Babish JG, Darland GK, Carroll BJ, Konda VR, Lerman RH, **Bland JS**, Tripp ML. Safety, efficacy and anti-inflammatory activity of rho *iso*-alpha acids from hops. *Phytochemistry*. 2008 May;69(7):1534-1547.
94. Minich DM, **Bland JS**, Katke J, Darland G, Hall A, Lerman RH, Lamb J, Carroll B, Tripp M. Clinical safety and efficacy of NG440: a novel combination of rho iso-alpha acids from hops, rosemary, and oleanolic acid for inflammatory conditions. *Can. J. Physiol. Pharmacol.* 2007;85:872-883.
93. Minich DM, **Bland JS**. Acid-alkaline balance: Role in chronic disease and detoxification. *Altern Ther Health Med.* Jul/Aug 2007;13(4):62-65.
92. Bland JS. What role has nutrition been playing in our health? The xenohormesis connection. *Integrative Medicine.* Jun/Jul 2007;6(3): 22-24.
91. Minich DM, **Bland JS**. A review of the clinical efficacy and safety of cruciferous vegetable phytochemicals. *Nutrition Reviews.* 2007;65(6):259-267.
90. Bland JS. Type 2 diabetes and heart disease: All roads lead through altered insulin signaling. *Townsend Letter.* May 2007:72-74.
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88. Liska DJ, **Bland JS**. Digestion and excretion. *Integrative Medicine.* Dec 2006/Jan 2007;5(6):32-42.
87. Bland, JS. The correct therapy for diagnosis: New-to-nature molecules vs natural medicines. *Integrative Medicine.* Feb/Mar 2007;6(1):20-23.
86. Ignarro LJ, **Bland JS**. Evaluation of the article published in JAMA (295:58-64, 2006) by Schulman et al. Review of arginine and vascular health study. *JANA.* 2006;9(2):1-3.
85. Bland JS. Epigenetics: The Death of the Paleolithic Human? *Integrative Medicine,* August/September 2006;5(4):10-12.
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83. Bland JS. Finding the right therapy: A look at personalized medicine. *Integrative Medicine.* June/July 2006;5(3):10-12.
82. Bland JS. Musings about placebos and a safer healthcare system. *Integrative Medicine.* April/May 2006;5(2):12-13.

81. Bland JS. What is the Best Medicine for Prevention? *Integrative Medicine*. February/March 2006;5(1):10-12.
80. Lukaczer D, Liska DJ, Lerman RH, Darland G, Schiltz B, Tripp M, **Bland JS**. Effect of a low glycemic-index-diet with soy protein and phytosterols on CVD risk factors in postmenopausal women. *Nutrition*. 2006:104-113.
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78. Bland J. Building better therapeutic agents for chronic disease management. *Integrative Medicine*. October/November 2005;4(5):10-11.
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PATENTS AND PATENT APPLICATIONS

Inventors	Title	Country	Patent #
Darland; Gary K. , Lukaczer; Daniel O. , Liska; DeAnn J. , Irving; Tracey A. , Bland; Jeffrey S.	DIETARY SUPPLEMENTS FOR TREATING INFLAMMATION-RELATED DISEASES	USA	6,602,517
Lukaczer; Daniel O. , Darland; Gary K. , Liska; DeAnn J. , Irving; Tracey A. , Bland; Jeffrey S.	DIETARY SUPPLEMENTS FOR TREATING FATIGUE-RELATED SYNDROMES	USA	6,352,712
Darland; Gary K. , Lukaczer; Daniel O. , Liska; DeAnn J. , Irving; Tracey A. , Bland; Jeffrey S.	MEDICAL FOOD FOR TREATING INFLAMMATION-RELATED DISEASES	USA	6,210,701
Liska; De Ann , King; Margaret , Medcalf; Darrell , Peterson; De Brian , Bland; Jeffrey	MEDICAL FOOD COMPOSITION OF REDUCED ALLERGENICITY, ESPECIALLY ADAPTED FOR IMPROVING GUT MUCOSAL INTEGRITY	USA	6,051,260
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	INHIBITION OF COX-2 AND/OR 5-LOX ACTIVITY BY FRACTIONS ISOLATED OR DERIVED FROM HOPS	New Zealand	539642
Bland; Jeffrey S.	MEDICAL FOOD COMPOSITION FOR METABOLIC DETOXIFICATION	USA	5,637,324
Bland; Jeffrey S.	MEDICAL FOOD COMPOSITION FOR METABOLIC DETOXIFICATION	USA	5,629,023
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	Australia	2003286549
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	ACACIA BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	ACACIA BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	ACACIA BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	

Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Hall, Amy ; Konda, Veera ; Pacioretty, Linda M.; Desai, Anu	ANTI-INFLAMMATORY BOTANICAL PRODUCTS FOR THE TREATMENT OF METABOLIC SYNDROME AND DIABETES	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	Australia	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	Canada	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	EPO	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	Japan	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	Mexico	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	New Zealand	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	Korea, Republic of	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell, Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ; Howell,	ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS	USA	

Terrence; ; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	FOR REDUCING INFLAMMATION AND THE TREATMENT OR PREVENTION OF GASTRIC TOXICITY		
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	BETA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	BETA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	BETA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	Korea, Republic of	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	Canada	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	Mexico	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp, Matthew L.; Minich, Deanna M.; Irving, T.; Ramachandran, R.; Bland, Jeffrey S. ; Nelson, P.	ENCAPSULATED FRACTIONS ISOLATED OR DERIVED FROM HOPS	USA	
Bland, Jeffrey S.	FOOD COMPOSITION ADAPTED FOR REDUCING WEIGHT, INCREASING	USA	

	LEAN BODY MASS AND IMPROVING BIOENERGETICS		
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	HEXAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	HEXAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	HEXAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	INHIBITION OF COX-2 AND/OR 5-LOX ACTIVITY BY FRACTIONS ISOLATED OR DERIVED FROM HOPS	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	INHIBITION OF COX-2 AND/OR 5-LOX ACTIVITY BY FRACTIONS ISOLATED OR DERIVED FROM HOPS	Japan	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	INHIBITION OF COX-2 AND/OR 5-LOX ACTIVITY BY FRACTIONS ISOLATED OR DERIVED FROM HOPS	EPO	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	
Bland, Jeffrey S. ; Liska, DeAnn J.; Krumhar, Kim C.; Tripp, Matthew; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.;	MEDICAL COMPOSITION FOR BALANCING BODILY PROCESSES	USA	
Bland, Jeffrey S. ; Liska, DeAnn J.; Krumhar, Kim Carleton; Tripp, Matthew L.; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	MEDICAL COMPOSITION FOR BALANCING BODILY PROCESSES	USA	
Bland, Jeffrey S. ; Liska, DeAnn J.; Krumhar, Kim Carleton; Tripp, Matthew L.; Darland, Gary K.; Lerman, Robert H.; Lukaczer, Daniel O.;	MEDICAL COMPOSITION FOR BALANCING BODILY PROCESSES	USA	
Bland, Jeffrey S. ; Liska, DeAnn J.; Tripp, Matthew; Darland, Gary K.;	MEDICAL COMPOSITION FOR MANAGING HORMONE BALANCE	USA	

Lukaczer, Daniel O.; Lerman, Robert;			
Bland, Jeffrey S ; Minich, Deanna M	METHOD AND COMPOSITIONS FOR URINARY PH MODIFICATION AND METABOLIC DETOXIFICATION	USA	
Mathew Tripp; Veera Konda; Amy Hall; Anu Desai; Jeffrey S. Bland ; Deanna Minich	METHODS AND COMPOSITIONS FOR PROMOTING METABOLIC DETOXIFICATION	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	MODULATION OF INFLAMMATION BY HOPS FRACTIONS AND DERIVATIVES	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	MODULATION OF INFLAMMATION BY HOPS FRACTIONS AND DERIVATIVES	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	MODULATION OF INFLAMMATION BY HOPS FRACTIONS AND DERIVATIVES	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	MODULATION OF INFLAMMATION BY HOPS FRACTIONS AND DERIVATIVES	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	MODULATION OF INFLAMMATION BY HOPS FRACTIONS AND DERIVATIVES	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Hall, Amy ; Konda, Veera ; Pacioretty, Linda M.; Desai, Anu	PROTEIN KINASE MODULATION BY HOPS AND ACACIA PRODUCTS	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Hall, Amy ; Konda, Veera ; Pacioretty, Linda M.; Desai, Anu	PROTEIN KINASE MODULATION BY HOPS AND ACACIA PRODUCTS	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Hall, Amy ; Konda, Veera ; Pacioretty, Linda M.; Desai, Anu	PROTEIN KINASE MODULATION BY HOPS AND ACACIA PRODUCTS	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Hall, Amy ; Konda, Veera ; Pacioretty, Linda M.; Desai, Anu	PROTEIN KINASE MODULATION BY HOPS AND ACACIA PRODUCTS	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	REDUCED ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	

MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VE ERA KONDA; LINDA M. PACIORETTY; ANU DESAI	REDUCED ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	REDUCED ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	Hong Kong	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	Australia	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	Canada	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	China (Peoples Republic)	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	EPO	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	Japan	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	Mexico	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	New Zealand	
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Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	USA	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	Australia	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING	Canada	

	CURCUMINOIDS OR METHYLXANTHINES		
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	China (Peoples Republic)	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	EPO	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	Japan	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	Mexico	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	New Zealand	
Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S. ;	SYNERGISTIC ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS USING CURCUMINOIDS OR METHYLXANTHINES	Korea, Republic of	
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Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.; Lerman, Robert; Lukaczer, Daniel O.; Liska, DeAnn J.; Howell, Terrence;	SYNERGISTIC COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	SYNERGISTIC COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	SYNERGISTIC COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	SYNERGISTIC COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	

Tripp; Matthew L.; Babish; John G.; Bland; Jeffrey S. ; Darland; Gary K.; Lerman; Robert; Lukaczer; Daniel O.; Liska; DeAnn J.; Howell; Terrence;	SYNERGISTIC COMPOSITIONS THAT TREAT OR INHIBIT PATHOLOGICAL CONDITIONS ASSOCIATED WITH INFLAMMATORY RESPONSE	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	TETRAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	TETRAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	TETRAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	TREATMENT MODALITIES FOR AUTOIMMUNE DISEASES	PCT	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	TREATMENT MODALITIES FOR AUTOIMMUNE DISEASES	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	TREATMENT MODALITIES FOR AUTOIMMUNE DISEASES	USA	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Darland, Gary K.;	TREATMENT MODALITIES FOR AUTOIMMUNE DISEASES	PCT	
Tripp, Matthew L.; Babish, John G.; Bland, Jeffrey S. ; Hall, Amy ; Konda, Veera ; Pacioretty, Linda M.; Desai, Anu ; Lerman; Robert	TREATMENT MODALITIES FOR AUTOIMMUNE DISEASES	USA	
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MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	XANTHOTHUMOL AND TETRAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	TAIWAN	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	XANTHOTHUMOL AND TETRAHYDRO-ISOALPHA ACID BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	XANTHOTHUMOL BASED PROTEIN KINASE MODULATION CANCER TREATMENT	USA	
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY	XANTHOTHUMOL BASED PROTEIN KINASE	TAIWAN	

HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	MODULATION CANCER TREATMENT		
MATTHEW L. TRIPP.; JOHN G. BABISH; JEFFREY S. BLAND ; AMY HALL; VEERA KONDA; LINDA M. PACIORETTY; ANU DESAI	XANTHOTHUMOL BASED PROTEIN KINASE MODULATION CANCER TREATMENT	PCT	