ABOUT STANISLAW R. BURZYNSKI MD, PHD

Dr. Burzynski, a nationally and internationally recognized physician/investigator, pioneered the use of biologically active peptides for the treatment of cancer. In 1967, at the age of 24, Dr. Burzynski graduated first in his class of 250 students from the Medical Academy in Lublin, Poland. It was at this time that he identified naturally occurring human peptides, which were deficient in cancer patients. He concluded that these peptides played a role in preventing the growth of cancer cells. In 1968, he earned a PhD degree and became one of the youngest physician/investigators in Poland to hold both a MD and PhD degree.

Between 1970 and 1977, he received funding from the National Cancer Institute (NCI) for his work as a Principal investigator and Assistant Professor at the Baylor College of Medicine in Houston, TX. During this time he authored/coauthored numerous publications, including those detailing his work on naturally occurring human peptides and their effect on cancer – some of which were co-authored by investigators associated with the M.D. Anderson Cancer Center or the Baylor College School of Medicine. In May 1977, Dr. Burzynski received a Certificate of Appreciation from the Baylor College of Medicine that acknowledged his contributions to the ‘Advancement of Medical Education, Research, and Health Care’.

In 1977 the Burzynski Clinic was established in Houston, TX. Since then, more than 10,000 patients have received treatment at the clinic, including more than 2,300 cancer patients who have been treated in FDA reviewed and Institutional Review Board (IRB) approved clinical trials program of Antineoplastons, investigational agents that derived from Dr. Burzynski’s early investigations of naturally occurring human peptides. Currently, new FDA-reviewed Phase II and III clinical studies utilizing Antineoplastons are awaiting funding approval prior to patient enrollment.

Dr. Burzynski has extensive experience treating cancer with combinations of targeted agents and immunotherapy, and the drug phenylbutyrate (PB), which targets multiple genetic abnormalities simultaneously.

Dr. Burzynski is the author/co-author of over 300 scientific publication/presentations. He has collaborated with investigators at the NCI, the Medical College of Georgia, the Imperial College of Science and Technology of London, the University of Kurume Medical School in Japan, and the University of Turin Medical School in Italy, among others. He is a member of several prestigious organizations, including the American Medical Association, American Association of Cancer Research (AACR), American Society of Clinical Oncology, the Society for Neuroscience, the Society for Neuro-oncology, the Royal Medical Association (U.K.), and the Academy of Medical Ethics. As of June 2015, he held 245 patents in 35 countries covering his scientific inventions.

CURRICULUM VITAE

STANISLAW R. BURZYNSKI, M.D., PH.D.

ACADEMIC TRAINING, CERTIFICATION AND LICENSURE

Texas State Board of Medical Examiners

License to Practice Medicine, 1973

Baylor College of Medicine, Houston, Texas

ECFMG Certificate, 1971

Medical Academy, Lublin, Poland

M.D. with Distinction, 1967

Ph.D. (Biochemistry), 1968

POSITIONS HELD

Visiting Professor of Neuro-Oncology, Capital University in Beijing

Beijing, China, 2012 to present

Visiting Professor of Neuro-Oncology, Beijing Tiantan Hospital

Beijing, Tiantan, 2012 to present

Visiting Professor, Linyi People’s Hospital

Linyi City, China, 2012 to present

President, Burzynski Research Institute Inc.

Houston, TX, 1983 to present

Laboratory Director, Burzynski Clinic Laboratory

Houston, TX, 1979 to present

President, Burzynski Clinic

Houston, TX, 1977 to present

Assistant Professor, Baylor College of Medicine

Houston, Texas, 1972-1977

Research Associate, Baylor College of Medicine

Houston, Texas, 1970-1972

Intern and Resident, Medical Academy, Internship in the Departments of Surgery, Internal Medicine,

Pediatrics, Obstetrics and Gynecology, and Residency in the Department of Internal Medicine

Lublin, Poland, 1967-1970

Teaching Assistant, Medical Academy, Department of General Chemistry

Lublin, Poland, 1962-1967

Research Worker, Medical Academy, Department of General Chemistry

Lublin, Poland, 1961-1962

SCIENTIFIC AND PROFESSIONAL MEMBERSHIPS

American Academy of Anti-Aging Medicine

American Academy of Medical Ethics.

American Association for Advancement of Science

American Association for Cancer Research

American Association of Pharmaceutical Scientists

American Chemical Society

American Diabetes Association

American Medical Association

American Society of Clinical Oncology

European Association for Neuro-Oncology

Harris County Medical Society

International Union of Pure and Applied Chemistry

New York Academy of Sciences

Parenteral Drug Association

Society for Neuro-Oncology

Society for Neuroscience

Texas Medical Association

The Royal Society of Medicine (U.K.)

The Society of Sigma Xi

World Medical Association

World Society of Anti-Aging Medicine

RESEARCH SUPPORT

National Cancer Institute Grantee, 1974-1977

Baylor College of Medicine Grantee, 1976

West Foundation Grantee, 1975

Medical Academy (Lublin, Poland) Grantee, 1962-1967

HONORS AND AWARDS

Lifetime Achievement Award from The Truth About Cancer, Nashville, TN, December 2015

Lifetime Achievement Award from the Academy of Comprehensive Integrative Medicine, Ft. Worth, TX, March, 2012

The Linus Pauling Award, October, 2008, ACAM

The Linus Pauling Award, February, 2008, Orthomolecular Health-Medicine

The Order of Merit of the President of Poland – Officer’s Cross, October, 2004

Decoration of Polish Medical Association, November, 2001

The Order of Saint Brigida – Grand Cross with Star, November, 2001

The Order of Saint Stanislas – Grand Cross with Star, November, 2000

The Order of Reconciliation – November, 2000

The Cross Virtus Nobilitat, June, 1999

The Wisdom Award of Honor, December, 1998

The Medal of the President of City of Lublin, Poland, December, 1998

The Order of Saint Stanislas- Commander’s Cross with Star, December, 1997

The Lady Liberty Award, July, 1997

The Gold Medal from the American Institute of Polish Culture for outstanding achievements in the field of medicine and discovery of anti-cancer drugs antineoplastons, Miami, FL, February, 1997

The Medal “Heart for Hearts” for saving human lives, Lublin, Poland, August, 1997

The Memorial Medal of Zamoyski’s Lyceum in appreciation of outstanding contribution to increase scientific ranking of the school, Lublin, Poland, November, 1997

The Heritage Award by Polish American Congress in recognition of extraordinary achievement in the research, treatment, and prevention of cancer, Chicago, IL, October, 1993.

Special Medal from the Polish government’s Institute for Drug Research and Control for achievement in the field of cancer research, Bialvstok, Poland, September, 1989

Honorable Membership in the Academia del Medeterraneo, Rome, Italy, 1984

Recipient of commendation for Dedicated Service and for Personal Contribution made in the

Advancement of Medical Education, Research and Health Care, Baylor College of Medicine, Houston, TX, April, 1977

Recipient of Medical Doctor Diploma with Distinction, Medical Academy, Lublin, Poland, 1967

Co-winner of the prize for best paper presented at the 7th Conference of Polish Medical Student Research

Societies, Poznan, Poland, 1966.

The Hereditary Title of Count

HONORABLE BIOGRAPHY

Biography published in Marquis, Who’s Who in the World, 8th through 26th editions

Biography published in Marquis, Who’s Who in America, 51st through 65th editions

Biography published in Marquis, Who’s Who in Science and Engineering, 2nd through 6th editions

Biography published in Marquis, Who’s Who in Medicine and Healthcare, 1st through 6th editions

Biography published in Marquis, Who’s Who in Emerging Leaders in America, 1st edition

Biography published in Marquis, Who’s Who Frontiers of Science and Technology, 2nd edition

Biography published in American Men and Women of Science, 13th Edition, Jacques Catell Press

CHAIRMAN OF SCIENTIFIC SESSIONS AT INTERNATIONAL MEETINGS

Co-Chairman, BIT’s 8th Annual World Congress of NeuroTalk-2017, Barcelona, Spain, 2017

Dubai Congress on Anti-Aging & Aesthetic Medicine (DCAAAM), Dubai, UAE, 2008

1st Anti-Aging International Symposium and Exposition, Tokyo, Japan, 2006

International Conference in Integrative Medicine, Seattle, Washington, U.S.A, 1999

Comprehensive Cancer Care I Conference, Washington, D.C., U.S.A., 1998

18th International Congress of Chemotherapy, Stockholm, Sweden, 1993

17th International Congress of Chemotherapy, Berlin, Germany, 1991

9th International Symposium on Future Trends in Chemotherapy, Geneva, Switzerland, 1990

10th Congress of the Polish Pharmacological Society, Bialystok, Poland, 1989

8th International Symposium on Future Trends in Chemotherapy, Tirrenia, Italy, 1988

10th International Congress of Pharmacology, Sydney, Australia, 1987

INVITED LECTURES (GIVEN SINCE 1988)

“Precision therapy of glioblastoma.” Keynote Speaker. Presented at BIT’s 8th Annual World Congress of NeuroTalk-2017, Barcelona, Spain, May 22-24, 2017.

“Cancer treatment in the Information Age. The cure is in sight.” Keynote Speaker. Presented at the Truth About Cancer: A Global Quest, Nashville, TN, October 14, 2016.

“Personalized targeted cancer therapy revolution.” Keynote Speaker. Presented at the 8th Annual World Congress on Anti-Aging Medicine and Regenerative Biomedical Technologies Expo, and the 2nd Annual Asia-Pacific Anti-Aging Medicine Summit, Beijing, China, October 25, 2013.

“Clinical trials with Antineoplastons. Long-term survival and quality of life.” Keynote Speaker. Presented at the 8th Annual World Congress on Anti-Aging Medicine and Regenerative Biomedical Technologies Expo, and the 2nd Annual Asia-Pacific Anti-Aging Medicine Summit, Beijing, China, October 26, 2013.

“Antineoplastons, chemistry, mechanism of action, design, and criticism of clinical trials.” Keynote Speaker. Presented at the Integrative Cancer Therapy – Module VI, San Diego, CA, June 6, 2013.

“Prospective clinical trials with antineoplastons for inoperable brain tumors in children.” Keynote Speaker. Presented at the Integrative Cancer Therapy – Module VI, San Diego, CA, June 6, 2013.

“Phase 2 prospective clinical trials for inoperable brain tumors in adults.” Keynote Speaker. Presented at the Integrative Cancer Therapy – Module VI, San Diego, CA, June 6, 2013.

“Phase II prospective clinical trials with Antineoplastons for inoperable brain tumors: Studies in children.” Keynote Speaker. Presented at the Philippine Society of Pediatric Oncology 2012 Annual Convention in Ilo ilo, Philippines, October 27, 2012.

“Phase II prospective clinical trials with Antineoplastons for inoperable brain tumors: Update.” Presented at the Makati Medical Center in Manila, Philippines, October 25, 2012.

“Phase II prospective clinical trials with Antineoplastons for inoperable brain tumors: Studies in children.” Keynote Speaker. Presented at St. Lukes Medical Center in Manila, Philippines, October 24, 2012.

“Phase II prospective clinical trials with Antineoplastons for inoperable brain tumors: Studies in adults.” Keynote Speaker. Presented at St. Lukes Medical Center in Manila, Philippines, October 24, 2012.

“Phase II clinical trials of Antineoplastons in pediatric brain tumors and adult brain tumors.” Keynote Speaker. Presented at the “2012 Shanghai World Congress on Anti-Aging Medicine and Regenerative Biomedical Technologies Expo (A4MC-2012),” at the Shanghai World Expo Exhibition & Convention Center in Shanghai, China, October 18, 2012.

“The future is full of hope: Cancer treatment based on genomic testing.” Keynote Speaker. Presented at the “Hope for the Hopeless Conference,” at the American Airlines Training & Conference Center in Ft. Worth, TX, March 9, 2012.

“Molecular Profiling in Oncology Practice: The Results of Treatment in a Group of 1,633 Patients.” Presented at “BIT’s 4th Annual World Cancer Congress – 2011,” Dalian, China, May 24, 2011.

“Epigenomic Approach to Cancer Treatment.” Keynote Speaker. Presented at the “45th Annual Meeting of the American Academy of Environmental Medicine,” San Diego, CA, October 21, 2010.

“Genomic and Epigenomic Principles of Cancer Treatment.” Keynote Speaker. Presented at the “10th Scientific Meeting of the Japanese Society of Anti-Aging Medicine,” Kyoto, Japan, June 12, 2010.

“Genomic and Epigenomic Principles of Cancer Treatment.” Presented for 50 doctors at Keiko University, Tokyo, Japan, June 9, 2010.

“Genomic and Epigenomic Principles of Cancer Treatment.” Presented for 10-20 doctors at Tokai University, Tokyo, Japan, June 8, 2010.

“Antineoplastons.” Presented for Antineoplastons Study Group of Japan, Tokyo, Japan, May 13, 2009.

“Mechanisms of Anti-Tumor Activity in Synthetic Antineoplastons.” Presented for Antineoplastons Study Group of Japan, Tokyo, Japan, May 13, 2009.

“Practical Application of Gene Silencing Theory of Aging. Life Extension in Animals and Human Clinical Trials.” Presented at the “Dubai Congress on Anti-Aging & Aesthetic Medicine (DCAAAM),” Dubai, UAE, 2008

“Antineoplastons and Targeted Gene Therapy.” Presented at the “ACAM Las Vegas,” Las Vegas, Nevada, October 15-19, 2008

“Genome, Epigenome and Aging.” Presented at the “First Annual Iberian Congress on Anti-Aging Medicine and Biomedical Technologies,” Estoril, Portugal, May 29-31, 2008

“Personalized Cancer Treatment in Genomics Era.” Presented at the “First Annual Iberian Congress on Anti-Aging Medicine and Biomedical Technologies,” Estoril, Portugal, May 29-31, 2008

“Anti-Aging Peptides – A New Frontier in Healing.” Presented at the “2008 Orthomolecular Health-Medicine conference,” San Francisco, CA, February 2008.

“Antineoplaston Peptides in Treating Cancer.” Presented at the “2008 Orthomolecular Health-Medicine conference,” San Francisco, CA, February 2008.

“Personalized Cancer Treatment.” Presented at the “2007 Total Health and Recovery Expo” in The Woodlands, Texas, October 20, 2007

“Cancer Treatment in Genomics Era.” Hosted by the Lions Health First Foundation, at the Hilton in Las Vegas, Nevada, September 15, 2007

“The Genetic Solution for Anti-Aging.” Presented at the “Healthy Directions Conference,” hosted by Dr. Julian Whitaker at the Marriott Westchase in Houston, Texas, January 6, 2007

“The Genetic Solution for Anti-Aging.” Presented at 11th Cruising for Health and Wealth, January 2006

“New Cancer Treatments and Anti-Aging Regimens.” Presented at the “Polish Club of Leisure World,” in Laguna Woods, California, March 13, 2005

“Mechanizmy I profilaktyka genetycznego starzenia (Mechanisms and Prevention of Genetic Aging).” Presented at the “Ogolnoeuropejska Konferencja Naukowo-Szkoleniowa Polskiego Towarzystwa Neurologicznego,” in Lublin, Poland, September (wrzesień) 22-25, 2004

“Regulation of Gene Expression in Cancer and Aging.” Presented at “Innovations in Complementary/Integrative Healthcare,” in Phoenix, Arizona, September 5-7, 2003

“Treatment of Cancer with Antineoplastons: Effect on Genes and Protein Metabolism.” Presented at the “12th Annual Scientific Symposium,” in Orlando, Florida, August 27-31, 2003

“Gene Silencing in Cancer and Aging”. Presented at Graduation Ceremony: Ultrasound Diagnostic School, November 15, 2002

“Antineoplaston Treatment of Cancer – Results of American and Japanese Clinical Trials.” Presented at ABEIM – A Cancer Symposium, Fort Worth, Texas, 2002

“Antineoplaston Cancer Treatment – Theory and Results”; “Cancer and Aging – The Connection”;

“Controlling the Key Aging Process of Methylation and Acetylation with the New Category of Anti-Aging Compounds and Antineoplastons.” Presented at the 6th International Symposium on Anti-Aging Medicine, Costa Rica, Los Suenos, August 23-24, 2002

“Treatment and Prevention of Cancer with Antineoplastons,” Presented in Santiago, Chile, July 3, 2002

“Antineoplastons –Theory and Treatment,” Presented at Seminar for Physicians: Sanoviv, Baja California, June 13, 2002

“Treatment of Brain Tumors with Antineoplastons A10 and AS2-1.” Presented at Hyman-Newman Institute for Neurology and Neurosurgery, Beth Israel Hospital, New York, August 22, 2001

“Treatment of Brain Tumors with Antineoplastons A10 and AS2-1”, Presented at Therapeutic Good Administration (TGA) of Australia, Canberra, Australia, July 17, 2001

“Antineoplastons.” Presented at Polish Medical Association, Warsaw, Poland, November 22, 2000.

“Treatment of Cancer with Antineoplastons.” Presented at Symposium organized by People Against Cancer in Stuttgart and Munich, Germany, for General Audience, November, 1999

“Antineoplastons: A Breakthrough in Cancer Therapy.” Presented at Manila Doctors Hospital, Manila, The Philippines, November 9, 1998

“The New Breakthrough in Cancer.” Presented at Marian Cancer Foundation, Manila, The Philippines, November 6, 1998

“Antineoplastons.” Presented at “Surviving Cancer.” Westminster Central Hall, London, U.K., November 15, 1997

“Antineoplastons: Theory and Clinical Trials.” Presented at Medical Academy, Lublin, Poland, November 7, 1997

“Biochemical Defense System.” Presented at Medical Academy, Lodz, Poland, July 24, 1992

“Treatment of AIDS and HIV Infection with Antineoplastons AS2-1”. Presented at Search Alliance, Los Angeles, California, November 20, 1991

“Cancer, AIDS and the other Immune System”. Presented at Foundation for the Advancement of Innovative Medicine, New York, NY, October 26, 1991

“Antineoplastons.” Presented at World Research Foundation Congress, Los Angeles, California, October 7, 1990

“Antineoplastons—New Methods of Cancer Treatment.” Presented at Polish Pharmacological Society, Lublin, Poland, August 29, 1989

“Clinical Results of Antineoplaston Therapy.” Presented at Kurume University School of Medicine, Kurume, Japan, April 9, 1988

“Mechanism of Action of Antineoplaston A10 and Experimental Data.” Presented at Kurume University School of Medicine, Kurume, Japan, April 8, 1988

“Isolation, Purification and Synthesis of Antineoplastons.” Presented at Kurume University School of Medicine, Kurume, Japan, April 8, 1988

EDITORIAL POSITIONS

Reviews on recent clinical trials, Bentham Science Publishers, Editor-In-Chief.

BOOK CHAPTERS, MONOGRAPHS AND ARTICLES

BY S.R. BURZYNSKI AND ASSOCIATES

Burzynski, S.R., Janicki, T.J., Beenken, S. Treatment of recurrent glioblastoma multiforme (rGBM) with antineoplaston AS2-1 in combination with targeted therapy. Cancer Clin Oncol 2019; 8(1):1-10

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. A phase II study of Antineoplastons A10 and AS2-1 in children with brain tumors. Final report (Protocol BT-10). J Cancer Ther 2017; 8:173-187.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. Antineoplastons A10 and AS2-1 in the treatment of children with optic pathway glioma: Final report for Protocol BT-23. Cancer Clin Oncol 2017; 6(1):25-35.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. Primary CNS tumors and leptomeningeal, disseminated and/or multicentric disease in children treated in phase II studies with antineoplastons A10 and AS2-1. Cancer Clin Oncol 2016; 5(2):38-48.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. A phase II study of antineoplastons A10 and AS2-1 in children with low-grade astrocytomas–Final report (Protocol BT-13). J Cancer Ther 2016; 7(12):837-850.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. Comprehensive genomic profiling of recurrent classic glioblastoma in a patient surviving eleven years following antineoplaston therapy. Cancer Clin Oncol 2015; 4(2):41-52.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. A phase II study of antineoplastons A10 and AS2-1 in adult patients with primary brain tumors – Final report (Protocol BT-09). J Cancer Ther 2015; 6(12):1063-1074.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. A phase II study of antineoplastons A10 and AS2-1 in adult patients with recurrent anaplastic astrocytoma. Final report (Protocol BT-15). Cancer Clin Oncol 2015;4(2):13-23.

Burzynski, S.R., Burzynski, G.S., Marszalek, A., Janicki, T.J., Martinez-Canca, J.F. Long-term survival over 21 years and pathologically confirmed complete response in pediatric anaplastic astrocytoma: A case report. J Neurol Stroke 2015;2(6):00072.

Burzynski, S.R., Burzynski, G.S., Marszalek, A., Janicki, T.J., Martinez-Canca, J.F. Long-term survival (over 20 years), complete response and normal childhood development in medulloblastoma treated with antineoplastons A10 and AS2-1. J Neurol Stroke 2015;2(3):00054.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in patients with brainstem gliomas. The report on non-diffuse intrinsic pontine glioma (Protocol BT-11). J Cancer Ther 2015;6:334-344.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in adult patients with newly-diagnosed anaplastic astrocytoma. Final report (Protocol BT-08). Cancer Clin Oncol 2015;4(1):28-38.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. Complete response and long-term survival (>20 years) of a child with tectal glioma: A case report. Pediatr Neurosurg 2015;50(2):99-103.

Burzynski, S.R., Burzynski, G.S., Brookman, S. A case of sustained objective response of recurrent/progressive diffuse intrinsic pontine glioma with phenylbutyrate and targeted agents. J Cancer Ther 2015;6:40-44.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Brookman, S. Preliminary findings on the use of targeted therapy with pazopanib and other agents in combination with sodium phenylbutyrate in the treatment of glioblastoma multiforme. J Cancer Ther 2014;5:1423-1437.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Brookman, S. Preliminary findings on the use of targeted therapy in combination with sodium phenylbutyrate in colorectal cancer after failure of second-line therapy – A potential strategy for improved survival. J Cancer Ther 2014;5:1270-1288.

Burzynski, S.R., Burzynski, G.S. Long-term progression-free survival of recurrent glioblastoma multiforme treated with a combination of targeted agents: A case report. AT-14. Neuro Oncol 2014;16(Suppl. 5):v11.

Burzynski, S.R., Janicki, T.J., Marszalek, A., Burzynski, G.S. A phase II study of antineoplastons A10 and AS2-1 in patients with brainstem gliomas final report (Protocol BT-11). AT-15. Neuro Oncol 2014;16(Suppl. 5):v11.

Janicki, T.J., Burzynski, G.S., Burzynski, S.R. Long-term survival (over 15 years) of pathologically confirmed recurrent glioblastoma multiforme: A case report. AT-28. Neuro Oncol 2014;16(Suppl. 5):v14-15.

Burzynski, G.S., Janicki, T.J., Marszalek, A., Burzynski, S.R. Long-term survival (>20 years) of a child with brainstem glioma treated with antineoplastons A10 and AS2-1: A case report. PT-02. Neuro Oncol 2014;16(Suppl. 5):v175.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Brookman, S. Preliminary findings on the use of targeted therapy in combination with sodium phenylbutyrate in recurrent advanced pancreatic cancer – A potential strategy for improved survival. J Cancer Ther 2014;5:1072-1091.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Brookman, S. Preliminary findings on the use of targeted therapy in combination with sodium phenylbutyrate in advanced malignant mesothelioma: A strategy for improved survival. J Cancer Ther 2014;5:1127-1144.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S. A phase II study of antineoplastons A10 and AS2-1 in adult patients with recurrent glioblastoma multiforme. Final report (Protocol BT-21). J Cancer Ther 2014;5:946-956.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A., Brookman, S. A phase II study of antineoplastons A10 and AS2-1 in children with recurrent, refractory or progressive primary brain tumors. Final report (Protocol BT-22). J Cancer Ther 2014;5:977-988.

Burzynski, S.R., Burzynski, G.S., Janicki, T.J. Recurrent glioblastoma multiforme, a strategy for long-term survival. J Cancer Ther 2014;5:957-976.

Burzynski, S.R., Patil, S.S. The effect of antineoplastons A10 and AS2-1 and metabolites of sodium phenylbutyrate on gene expression in glioblastoma multiforme. J Cancer Ther 2014;5:929-945.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in children with high-grade glioma. Final report (Protocol BT-06), and review of recent trials. J Cancer Ther 2014;5:565-577.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. The response and survival of children with recurrent diffuse intrinsic pontine glioma based on phase II study of antineoplastons A10 and AS2-1 in patients with brainstem glioma. Child’s Nervous System 2014;30(12):2051-2061.

Burzynski, S.R., Janicki, T.J., Burzynski, G.S., Marszalek, A. Long-term survival (> 13 years) in a child with recurrent diffuse pontine gliosarcoma: the case report. Journal of Pediatric Hematology/Oncology 2014;36(7):e433-e439. doi: 10.1097/MPH.0000000000000020.

Aliev, G., Burzynski, G., Ashraf, G.M., Jabir, N.R., Cacabelos, R., Benberin, V.V., Burzynski, S.R. Implication of oxidative stress-induced oncogenic signaling pathways as a treatment strategy for neurodegeneration and cancer. Syst Biol Free Rad Antioxid 2014; 2325-2347; DOI: 10.1007/978-3-642-30018-9.

Burzynski, S.R., Janicki, T., Burzynski, G., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in children with recurrent, refractory or progressive primary brain tumors based on protocol BT-22. CT-004. Neuro-Oncology 2014;16(Suppl. 1):i10.

Burzynski, G., Janicki, T., Burzynski, S.R., Marszalek, A. Long-term survival (over 20 years) and pathologically confirmed complete response in pediatric anaplastic astrocytoma: a case report. HG-017. Neuro-Oncology 2014;16(Suppl. 1):i44.

Janicki, T., Burzynski, S.R., Burzynski, G., Marszalek, A. Long-term survival (over 20 years), complete response and normal childhood development in medulloblastoma (PNET) without recurrence: a case report. MB-039-020. Neuro-Oncology 2014;16(Suppl. 1):i80.

Burzynski, G., Burzynski, S.R., Janicki, T., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in adult patients with recurrent glioblastoma multiforme based on protocol BT-21. NO-020. Neuro-Oncology 2013;15(Suppl. 3):iii103.

Burzynski, S., Janicki, T., Burzynski, G., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in pediatric recurrent diffuse intrinsic pontine glioma. NO-021. Neuro-Oncology 2013;15(Suppl. 3):iii103.

Janicki, T., Burzynski, S., Burzynski, G., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 (ANP) in children with high-grade glioma (Protocol BT-06). NO-058. Neuro-Oncology 2013;15(Suppl. 3):iii112.

Burzynski, S., Janicki, T., Burzynski, G., Marszalek, A. Long-term survival (over 13 years) in a child with recurrent diffuse pontine gliosarcoma: A case report. NO-089. Neuro-Oncology 2013;15(Suppl. 3):iii120.

Aliev, G., Palacios, H.H., Cacabelos, P., Cacabelos, R., Burzynski, G., Burzynski, S.R. Mitochondria specific antioxidants and their derivatives in the context of the drug development for neurodegeneration and cancer. Drug Designing 2013;2(1):103.

Patil, S.S., Mrowczynski, E., Grela, K., Burzynski, S.R. Phenylacetylglutaminate in combination with phenylbutyrate effectively inhibits growth of brain tumor cells in vitro. Neuro-Oncology 2012;14(Suppl. 3):iii16.

Patil, S.S., Burzynski, S.R., Mrowczynski, E., Grela, K., Chittur, S.V. Phenylacetylglutaminate and phenylacetate in combination upregulate VDUP1, cause cell cycle blockade and apoptosis in U87 glioblastoma cells. Journal of Cancer Therapy 2012;3:192-200.

Paleolog, J., Strachecka, A., Burzynski, S.R., Olszewski, K., Borsuk, G. The larval diet supplemented with sodium phenylacetylglutaminate influences the worker cuticle proteolytic system in honeybees (Apis mellifera). Journal of Apicultural Science 2011;55(2):73-83.

Burzynski, S.R, Nagy-Kubove, E. Treatment of esthesioneuroblastoma and non-small cell lung cancer with phenylbutyrate. Journal of Cancer Therapy 2011;2:518-522.

Burzynski, S.R, Marquis, A., Nagy-Kubove, E., Janicki, T.J. Successful treatment of recurrent triple-negative breast cancer with combination of targeted therapies. Journal of Cancer Therapy 2011;2:372-376.

Burzynski, S.R, Weaver, R.A., Janicki, T.J., Burzynski, G.S., Szymkowski, B., Acelar, S.S. OT-15. Preliminary results of a phase II study of antineoplastons A10 and AS2-1 (ANP) in adult patients with recurrent mixed gliomas. Neuro-Oncology 2010;12(Suppl. 4):iv72.

Patil, S., Burzynski, S.R, Mrowczynski, E., Grela, K. CB-15. Targeting microRNAs in glioma cells with antineoplastons. Neuro-Oncology 2010;12(Suppl. 4):iv10.

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SELECTED ABSTRACTS OF PRESENTATIONS

BY S.R. BURZYNSKI AND ASSOCIATES

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Burzynski, S.R. Precision therapy of glioblastoma. Presented at BIT’s 8th Annual World Congress of NeuroTalk-2017; May 22, 2017 – May 24, 2017; Barcelona, Spain.

Burzynski, S.R., Janicki, T., Burzynski, G. Treatment of children with primary CNS tumors and leptomeningeal, disseminated and/or multicentric disease in phase II studies with antineoplastons A10 and AS2-1. Presented at the 18th International Symposium on Pediatric Neuro-Oncology (ISPNO); June 12, 2016 – June 15, 2016; Liverpool, U.K.

Burzynski, S.R., Janicki, T., Burzynski, G., Marszalek, A. A phase II study of antineoplastons A10 and AS2-1 in children with recurrent, refractory or progressive primary brain tumors based on protocol BT-22. CT-004. Presented at the 16th International Symposium on Pediatric Neuro-Oncology (ISPNO); June 28, 2014 – July 2, 2014; Singapore.

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Burzynski, S.R., Szymkowski, B., Kubove, E. Phase II Clinical Trials of Antineoplaston AS2-1 in Asymptomatic HIV Infection. Presented at the 18th International Congress of Chemotherapy; June, 1993; Stockholm, Sweden.

Burzynski, S.R., Kubove, E., Szymkowski, B. Phase II Clinical Trials of Antineoplaston A10 and AS2-1 Infusions in High Grade Glioma. Presented at the 18th International Congress of Chemotherapy; June, 1993; Stockholm, Sweden.

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Burzynski, S.R. Differentiation Inducers-Possible Agents for Cancer Therapy in Pregnancy. Presented at the World Congress of Prenatal and Perinatal Psychology and Medicine; May, 1992; Krakow, Poland.

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Lee, S.S., Burzynski, S.R. Synergistic Effect of Antineoplaston A5 and Retinoic Acid on the Induction of Human Promyelocytic Leukemia line HL-60. Presented at the 17th International Congress of Chemotherapy; June, 1991; Berlin, Germany.

Liau, M.C., Lee, S.S., Liau, C.P., Burzynski, S.R. Efficient Methylation when Locked in Place Becomes a Major Problem of Cancer. Presented at the 82nd Annual Meeting of the American Association for Cancer Research, May, 1991, Houston, Texas, USA.

Burzynski, S.R. Presented at: The World Research Foundation Congress, October 7, 1990, Los Angeles, CA, USA.

Ashraf, A.Q., Kampalath, B.N., Burzynski, S.R. Pharmacokinetic Study of Radioactive Antineoplaston AS2-1 Following Oral Administration in Rats. Presented at the 9th International Symposium on Future Trends in Chemotherapy, March, 1990, Geneva, Switzerland.

Burzynski, S.R., Kubove, E., Burzynski, B. Treatment of Hormonally Refractory Cancer of the Prostate with Antineoplaston AS2-1. Presented at the 9th International Symposium on Future Trends in Chemotherapy, March, 1990, Geneva, Switzerland.

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Liau, M.C., Lee, S.S., Burzynski, S.R. Hypomethylation of Nucleic Acids: A Key to the Induction of Terminal Differentiation. Presented at the 10th Congress of the Polish Pharmacological Society, September, 1989, Bialystok, Poland.

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Liau, M.C., Lee, S.S., Burzynski, S.R. Role of Methylation Enzymes in Directing Phenotypic Changes. Presented at the 41st Annual Symposium on Fundamental Cancer Research. D. Anderson Hospital and Tumor Institute; October, 1988; Houston, Texas, USA.

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Burzynski, S.R. Treatment of Malignant Brain Tumors with Antineoplastons. Presented at the 8th International Symposium on Future Trends in Chemotherapy; March, 1988; Pisa, Italy.

Liau, M.C., Lee, S.S., Burzynski, S.R. Modulation of Tumor Methylation Complex Isozymes as a Decisive Factor in the Induction of Differentiation by Antineoplaston A5. Presented at the 4th European Conference on Clinical Oncology and Cancer Nursing; November, 1987; Madrid, Spain.

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Liau, M.C., Ashraf, A.Q., Burzynski, S.R. Active Anticancer Components of Antineoplaston Formulations. Presented at the 10th International Congress of Pharmacology, August, 1987, Sydney, Australia.

Ashraf, A.Q., Burzynski, S.R. Comparative Study of Antineoplaston A10 Levels in Plasma of Healthy People and Cancer Patients. Presented at the 15th International Congress of Chemotherapy; July, 1987; Istanbul, Turkey.

Burzynski, S.R. Treatment of Bladder Cancer with Antineoplaston Formulations. Presented at the 15th International Congress of Chemotherapy; July, 1987; Istanbul, Turkey.

Burzynski, S.R. Antineoplastons: Basic Research and Clinical Applications. Presented at the 15th International Congress of Chemotherapy; July, 1987; Istanbul, Turkey.

Burzynski, S.R. Modeling Studies Suggest the Modified Dipeptide Analog Phenylacetylamino-2, 6-piperidinedione May Interact with DNA. Presented at the 15th International Congress of Chemotherapy; July, 1987; Istanbul, Turkey.

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Liau, M.C., Kampalath, B.N., Szopa, M., Burzynski, B., Burzynski, S.R. Chemo-surveillance: A Novel Concept on the Natural Defense Mechanism Against Cancer. Presented at the 14th Annual meeting of the International Society of Oncodevelopmental Biology and Medicine; August, 1986; Helsinki, Finland.

Kampalath, B.N., Liau, M.C., Burzynski, B., Burzynski, S.R. Chemoprevention by Antineoplaston A10 on Benzo (1) pyrene Induced Pulmonary Neoplasia. Presented at the 5th Mediterranean Congress of Chemotherapy; October, 1986; Cairo, Egypt.

Burzynski, S.R., Kubove, E. Phase I Clinical Studies of Antineoplaston A2 Injections. Presented at the 14th International Cancer Congress; August, 1986; Budapest, Hungary.

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Burzynski, S.R., Kubove, E., Burzynski, B. Phase I Clinical Studies of Antineoplaston A5 Injections. Presented at the III World Conference on Clinical Pharmacology and Therapeutics; July, 1986; Stockholm, Sweden.

Burzynski, S.R., Kubove, E. Phase I Clinical Studies of Antineoplaston A3 Injections. Presented at the 7th International Symposium on Future Trends in Chemotherapy; May, 1986; Pisa, Italy.

Khalid, M., Burzynski, S.R. N,N’-disubstituted L-isoglutamines as Novel Cancer Chemotherapeutic Agents. Presented at the 7th International Symposium on Future Trends in Chemotherapy; May, 1986; Pisa, Italy.

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Lehner, A.F., Copland, J.A., Muldoon, T.G., Burzynski, S.R., Hendry, L.B. In Vitro Studies of the Stereospecificity of Antineoplaston A10 Interaction with Double-stranded DNA. Presented at the 7th International Symposium on Future Trends in Chemotherapy; May, 1986; Pisa, Italy.

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Hendry, L.B., Muldoon, T.G., Burzynski, S.R., Copland, J.A., Lehner, A.F. Stereochemical Modeling Studies of the Interaction of Antineoplaston A10 with DNA. Presented at the 7th International Symposium on Future Trends in Chemotherapy; May, 1986; Pisa, Italy.

Burzynski, S.R., Kubove, E. Phase I Clinical Studies of Antineoplaston Al 0 Injections. Presented at the 2nd Biennial Conference of Indian Society of Oncology; February, 1986; Bombay, India.

Burzynski, S.R., Lehner, A.F., Hendry, L.B. Putative Mechanism of Action of a Novel Peptide Analog with Apparent Antineoplastic Activity: Stereospecific interaction with DNA. Presented at the 13th Annual Meeting of the International Society for Oncodevelopmental Biology and Medicine; September, 1985; Paris, France.

Liau, M.C., Szopa, M., Burzynski, B., Burzynski, S.R. Quantitative Assay of Plasma and Urinary Peptides as Aid for Evaluation of Cancer Patients Undergoing Antineoplaston Therapy. Presented at the 13th Annual Meeting of the International Society for Oncodevelopmental Biology and Medicine; September, 1985; Paris, France.

Hendry, L.B. Lehner, A.F., Burzynski, S.R. A Novel Naturally-occurring Peptide Analog with Apparent Antineoplastic Activity May Interact with DNA. Presented at the International Symposium, Cancer: Perspective for Control; August, 1985; Beijing, China.

Hendry, L.B., Lehner, A.F., Burzynski, S.R. Spectroscopic Studies of the Interaction of Antineoplaston A10 with DNA. Presented at the 12th Symposium of the International Association for Comparative Research on Leukemia and Related Disease; July, 1985; Hamburg, Germany.

Burzynski, S.R. Phase I Clinical Studies of Antineoplaston AS2-5 Injections. Presented at the 14th International Congress of Chemotherapy; June, 1985; Kyoto, Japan.

Burzynski, S.R., Burzynski, B., Mohabbat, M.O. Phase I Clinical Studies of Antineoplaston AS2-1 Injection. Presented at the 3rd European Conference on Clinical Oncology and Cancer Nursing; June, 1985; Stockholm, Sweden.

Liau, M.C., Burzynski, S.R. Alteration of Methylation Complex of Isoenzymes Critical to Malignant Evolution. Presented at the 12th Annual Meeting of the International Society for Oncodevelopmental Biology and Medicine, October, 1984; Houston, USA.

Burzynski, S.R., Mohabbat, M.O., Burzynski, B. Toxicology Studies of Oral Formulation of Antineoplaston A10 in Cancer Patients. Presented at the 6th International Symposium on Future Trends in Chemotherapy; May, 1984; Pisa, Italy.

Lee, S. S., Mohabbat, M.O., Burzynski, S.R. Tissue Culture and Animal Toxicity Studies of Antineoplaston A2. Presented at the 6th International Symposium on Future Trends in Chemotherapy; May, 1984; Pisa, Italy.

Burzynski, S.R., Hendry, L.B., Mohabbat, M.O., Liau, M.C., Khalid, M., Burzynski, B. Purification, Structure Determination, Synthesis and Animal Toxicity Studies of Antineoplaston A10; PS 12.4.11-4. Presented at the 13th International Congress on Chemotherapy, TOM 17; August, 1983; Vienna, Austria.

Burzynski, S.R. Recent Advances in Ultramicroanalysis of Biologically Active Peptides. Presented at the 30th Southwest Regional American Chemical Society meeting, 1974; Houston, Texas.

Ungar, G., Burzynski, S.R. Detection of a Behavior-inducing Peptide (Scotophobin) in Brain by Ultramicroanalytical Method. Fed Proc., 1972; 31: 398.

Burzynski, S.R., Czerniak, Z. The Photometry of Negative Printed Chromatograms and its Application for Amino Acid Analysis in Human Blood. Biuletyn VII Ogolnopolskiej Konferencji Studenckich Kol Naukowych Akademii Medycznych; 1966; Poznan, Poland.

PATENTS

AIDS

﻿Patent No. National Patent No. Country Title

638869 Australia Pharmaceutical compositions for use in treating AIDS.

500905 ATE135,217 Austria Pharmaceutical compositions for use in treating AIDS.

500905 Belgium Pharmaceutical compositions for use in treating AIDS.

500905 Denmark Pharmaceutical compositions for use in treating AIDS.

500905 Europe Pharmaceutical compositions for use in treating AIDS.

500905 France Pharmaceutical compositions for use in treating AIDS.

500905 69117923 Germany Pharmaceutical compositions for use in treating AIDS.

500905 3019970 Greece Pharmaceutical compositions for use in treating AIDS.

500905 Italy Pharmaceutical compositions for use in treating AIDS.

500905 Luxembourg Pharmaceutical compositions for use in treating AIDS.

500905 Netherlands Pharmaceutical compositions for use in treating AIDS.

28633 Philippines Methods for treating AIDS.

81889 Singapore Pharmaceutical compositions for use in treating AIDS.

91/6977 South Africa Pharmaceutical compositions for use in treating AIDS.

500905 Spain Pharmaceutical compositions for use in treating AIDS.

500905 Sweden Pharmaceutical compositions for use in treating AIDS.

500905 Switzerland Pharmaceutical compositions for use in treating AIDS.

500905 United Kingdom Pharmaceutical compositions for use in treating AIDS.

5089508 USA Methods for treating AIDS.

5254587 USA Methods for treating AIDS.

AMINOCARE

﻿Patent No. National Patent No. Country Title

Pending 181/2004 Arab Emirates Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

2002352843 Australia Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

Pending PI0214430-1 Brazil Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

2468133 Canada Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

ZL02823606.8 China Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

009516 Eurasia Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy. The Eurasian patent has been validated in the following contracting countries: Azerbaijan (AZ), Kazahstan (KZ), and Russia (RU).

1450781 Europe Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

1450781 France Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

1450781 DE60212393T2 Germany Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

Pending P04-02240 Hungary Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

212246 India Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

ID0018257 Indonesia Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

1450781 Ireland Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

162141 Israel Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

4614660 Japan Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

247856 Mexico Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

532833 New Zealand Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

332858 Norway Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

1-2004-500758 Philippines Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

953483 Republic of Korea Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

121173 Romania Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

104603 Singapore Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

21542 Slovenia Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

2004/4115 South Africa Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

78977 Ukraine Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

7427619132 USA Formulation of amino acids and riboflavin useful to reduce toxic effects of cytotoxic chemotherapy.

ATHEROSCLEROSIS AND RESTENOSIS

﻿Patent No. National Patent No. Country Title

757114 Australia Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Austria Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Belgium Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

2345409 Canada Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Europe Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

69916330T2 France Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1117110 69916330T2 Germany Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1045253 Hong Kong Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Ireland Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Italy Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

4536258 Japan Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Luxembourg Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Netherlands Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 2219102 Spain Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 Switzerland Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

1171110 United Kingdom Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

6127419 USA Phenylacetic acid compositions for treating or preventing atherosclerosis and restenosis.

AUTOIMMUNE DISEASE

﻿Patent No. National Patent No. Country Title

656484 Australia Compositions and methods for treating autoimmune diseases.

603383 E162,714 Austria Compositions and methods for treating autoimmune diseases.

603383 Belgium Compositions and methods for treating autoimmune diseases.

603383 Denmark Compositions and methods for treating autoimmune diseases.

603383 Europe Compositions and methods for treating autoimmune diseases.

HYPERCHOLESTEROLEMIA

﻿Patent No. National Patent No. Country Title

1206936 60112872T2 Germany Phenylacetic acid compositions for treating or preventing hypercholesterolemia.

1048588 Hong Kong Phenylacetic acid compositions for treating or preventing hypercholesterolemia.

1206936 United Kingdom Phenylacetic acid compositions for treating or preventing hypercholesterolemia.

6,987,131 USA Phenylacetic acid compositions for treating or preventing hypercholesterolemia.

LIPOSOMAL THERAPIES

﻿Patent No. National Patent No. Country Title

2254772 Canada Liposomal Antineoplastons Therapies with Markedly Improved Antineoplastic Activity.

906088 France Liposomal Antineoplastons Therapies with Markedly Improved Antineoplastic Activity.

906088 69734713.3-08 Germany Liposomal Antineoplastons Therapies with Markedly Improved Antineoplastic Activity.

4320052 Japan Liposomal Antineoplastons Therapies with Markedly Improved Antineoplastic Activity.

906088 United Kingdom Liposomal Antineoplastons Therapies with Markedly Improved Antineoplastic Activity.

6013278 USA Liposomal Antineoplastons Therapies with Markedly Improved Antineoplastic Activity.

METHODS FOR PREPARING 3-(N-PHENYLACETYLAMINO-PIPERIDINE)-2,6-DION

﻿Patent No. National Patent No. Country Title

92391 Finland Methods for preparing 3-(N-phenylacetylamino-piperidine)-2,6-dion.

1562 Kazakhstan Compositions and methods for treating autoimmune diseases.

5474 Latvia Compositions and methods for treating autoimmune diseases.

3518 Lithuania Compositions and methods for treating autoimmune diseases.

26099 Philippines Compositions and methods for treating autoimmune diseases.

163552 Poland Compositions and methods for treating autoimmune diseases.

139204 Republic of Korea Compositions and methods for treating autoimmune diseases.

1809830 Russia Compositions and methods for treating autoimmune diseases.

42331 Taiwan Compositions and methods for treating autoimmune diseases.

15756 Ukraine Compositions and methods for treating autoimmune diseases.

4918193 USA Methods for treating autoimmune diseases.

NEOPLASTIC DISEASE / PURIFIED

﻿Patent No. National Patent No. Country Title

551109 Australia Purified antineoplaston fractions and methods of treating neoplastic disease.

1188218 Canada Purified antineoplaston fractions and methods of treating neoplastic disease.

162813 Denmark Purified antineoplaston fractions and methods of treating neoplastic disease.

302/1989 Hong Kong Purified antineoplaston fractions and methods of treating neoplastic disease.

65960 Israel Purified antineoplaston fractions and methods of treating neoplastic disease.

2010265 Japan Purified antineoplaston fractions and methods of treating neoplastic disease.

2010676 Japan Purified antineoplaston fractions.

2057285 Japan Pharmaceutical compositions for neoplastic disease.

MY102918A Malaysia Purified antineoplaston fractions and methods of treating neoplastic disease.

200805 New Zealand Purified antineoplaston fractions and methods of treating neoplastic disease.

163595 Norway Purified antineoplaston fractions and methods of treating neoplastic disease.

82/4178 SouthAfrica Purified antineoplaston fractions and methods of treating neoplastic disease.

512894 Spain Purified antineoplaston fractions and methods of treating neoplastic disease.

4470970 USA Purified antineoplaston fractions and methods of treating neoplastic disease.

4558057 USA Purified antineoplaston fractions and methods of treating neoplastic disease.

4559325 USA Purified antineoplaston fractions and methods of treating neoplastic disease.

NEUROFIBROMATOSIS

﻿Patent No. National Patent No. Country Title

683145 Australia Methods for treating neurofibromatosis.

680756 E183,390 Austria Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Belgium Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Denmark Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Europe Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 France Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 69511453 Germany Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Greece Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

1016408 Hong Kong Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Ireland Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 26583/BE/9 Italy Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Lithuania Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Luxembourg Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Monaco Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Netherlands Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Portugal Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Slovenia Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

95/3500 South Africa Methods for treating neurofibromatosis.

680756 Spain Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Sweden Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 Switzerland Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

680756 United Kingdom Use of a combination of antineoplastons for the manufacture of a medicament for the treatment of neurofibromatosis.

5391575 USA Methods for treating neurofibromatosis.

PARKINSON'S DISEASE

﻿Patent No. National Patent No. Country Title

638869 Australia Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Austria Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Belgium Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Denmark Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Europe Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 France Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 69114261 Germany Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 3018437 Greece Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 19057/BE/96 Italy Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Luxembourg Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Netherlands Pharmaceutical compositions for use in treating Parkinson’s disease.

28633 Philippines Methods for treating Parkinson’s disease.

91/6977 South Africa Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Spain Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Sweden Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 Switzerland Pharmaceutical compositions for use in treating Parkinson’s disease.

500905 United Kingdom Pharmaceutical compositions for use in treating Parkinson’s disease.

5089508 USA Methods for treating Parkinson’s disease.

PHARMACEUTICAL COMPOSITION COMPRISING PHENYLACETYLGLUTAMINE, ETC.

﻿Patent No. National Patent No. Country Title

69232 E23113 Austria Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 Belgium Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

1262907 Canada 3-[N-Phenylacetylaminopiperidine]-2,6-dione and Process of Synthesizing Same.

69232 Europe Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 France Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 P3273952.4 Germany Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 22434/BE/86 Italy Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 Luxembourg Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 Netherlands Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 Sweden Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 Switzerland Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

69232 United Kingdom Pharmaceutical composition comprising phenylacetylglutamine, a combination of this compound with phenylacetic acid or 3-(phenylacetylamino)-piperidine-2,6-dione, a process for isolating the latter from urine and a process for the synthesis of 3-(phenylacetylamino)-piperidine-2,6-dione.

SKIN

﻿Patent No. National Patent No. Country Title

197358 Austria Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Belgium Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

1262866 Canada Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin wrinkles and hyperpigmentation.

197358 Europe Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 France Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Germany Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Italy Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

1953215 Japan Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Luxembourg Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Netherlands Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Sweden Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 Switzerland Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

197358 United Kingdom Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin.

4593038 USA Topical use of 3-phenylacetylamino-2,6-piperidinedione for treatment of skin wrinkles and hyperpigmentation.

SYNTHESIS OF 4-PHENYLBUTYRIC ACID

﻿Patent No. National Patent No. Country Title

2447803 Canada Synthesis of 4-phenylbutyric acid.

ZL02810264.9 China Synthesis of 4-phenylbutyric acid.

1404638 Europe Synthesis of 4-phenylbutyric acid. The European patent has been validated in the following contracting countries: Belgium (BE), Cyprus (CY), Germany (DE), France (FR), United Kingdom (GB), Ireland (IE), Liechtenstein (LI), Monaco (MC), Republic of Turkey (TR).

1065996 Hong Kong Synthesis of 4-phenylbutyric acid.

229996 P0400053 Hungary Synthesis of 4-phenylbutyric acid.

229199 India Synthesis of 4-phenylbutyric acid.

158914 Israel Synthesis of 4-phenylbutyric acid.

4338401 Japan Synthesis of 4-phenylbutyric acid.

201802 P364646 Poland Synthesis of 4-phenylbutyric acid.

10-0905139 Republic of Korea Synthesis of 4-phenylbutyric acid.

2297998 Russia Synthesis of 4-phenylbutyric acid.

101088 Singapore Synthesis of 4-phenylbutyric acid.

6372938 B1 USA Synthesis of 4-phenylbutyric acid.

TESTING PROCEDURE TO AID DIAGNOSIS OF CANCER AND EVALUATE THE PROGRESS OF CANCER THERAPY

﻿Patent No. National Patent No. Country Title

4444890 USA Testing procedure to aid diagnosis of cancer and evaluate the progress of cancer therapy.

TOOTHPASTE

﻿Patent No. National Patent No. Country Title

7087219 USA Toothpaste Containing Anticancer Agents.

TREATMENT OF NEOPLASTIC DISEASE

﻿Patent No. National Patent No. Country Title

1098643 Austria Phenylacetylglutamine, Phenylacetylisoglutamine, and/or Phenylacetate for the treatment of neoplastic disease.

ZL200410061600.5 China A composition for treating neoplastic disease and the use thereof.

1098643 Europe Phenylacetylglutamine, Phenylacetylisoglutamine, and/or Phenylacetate for the treatment of neoplastic disease.

1098643 Finland Phenylacetylglutamine, Phenylacetylisoglutamine, and/or Phenylacetate for the treatment of neoplastic disease.

1098643 France Phenylacetylglutamine, Phenylacetylisoglutamine, and/or Phenylacetate for the treatment of neoplastic disease.

1098643 69914084.6-8 Germany Phenylacetylglutamine, Phenylacetylisoglutamine, and/or Phenylacetate for the treatment of neoplastic disease.

227008 India A Phamaceutical Composition Comprising Phenylacetylglutamine, Phenylacetylisoglutamine, and/or Phenylacetate for the Treatment of Neoplastic Disease.

509244 New Zealand A Phamaceutical Composition Comprising Phenylacetate and Phenylacetylglutamine.

414587 Republic of Korea A Phamaceutical Composition Comprising Phenylacetate and Phenylacetylglutamine.

417100 Republic of Korea A Phamaceutical Composition Comprising Phenylacetate and Phenylacetylisoglutamine.

417101 Republic of Korea A Pharmaceutical Composition Comprising an Aqueous Solution of Phenylacetate.

TREATMENT REGIMEN

﻿Patent No. National Patent No. Country Title

759278 Australia Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Belgium Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

2336945 Canada Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

ZL99811314.X China Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Denmark Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

4179 Eurasia Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate. The Eurasian patent has been validated in the following contracting countries: Azerbaijan, Armenia, Belarus, Kazakhstan, Kyrgyzstan, Moldova, and The Russian Federation.

1098643 Greece Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1107897.8 Hong Kong Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

ID0012068 Indonesia Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

ID0013227 Indonesia Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

140848 Israel Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Italy Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Latvia Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Luxembourg Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

222968 Mexico Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Netherlands Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

509244 New Zealand Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

213698 Poland Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Portugal Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

399658 Republic of Korea Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

78643 Singapore Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

2001/0622 South Africa Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 2214866 Spain Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Sweden Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 Switzerland Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

1098643 United Kingdom Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

6258849 USA Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

6943192B2 USA Treatment regimen for administration of phenylacetylglutamine, phenylacetylisoglutamine, and/or phenylacetate.

VHL

﻿Patent No. National Patent No. Country Title

12908 Eurasia Method for treatment of Von Hippel-Lindau (VHL) disease with phenylacetyl-derivatives. The Eurasian patent has been validated in the following contracting countries: Azerbaijan (AZ), Kazakhstan (KZ), and Russia (RU).

1855665 Europe Use of phenylacetyl-derivatives for the manufacture of a medicament to treat Von Hippel-Lindau (VHL) disease.

1855665 Germany Use of phenylacetyl-derivatives for the manufacture of a medicament to treat Von Hippel-Lindau (VHL) disease.

1855665 United Kingdom Use of phenylacetyl-derivatives for the manufacture of a medicament to treat Von Hippel-Lindau (VHL) disease

VIRAL INFECTIONS

﻿Patent No. National Patent No. Country Title

601164 Austria Methods for treating viral infections.

601164 Belgium Methods for treating viral infections.

601164 Denmark Methods for treating viral infections.

601164 Europe Methods for treating viral infections.

601164 France Methods for treating viral infections.

601164 69327642.8 Germany Methods for treating viral infections.

601164 Greece Methods for treating viral infections.

601164 Ireland Methods for treating viral infections.

601164 Italy Methods for treating viral infections.

601164 Luxembourg Methods for treating viral infections.

601164 Monaco Methods for treating viral infections.

601164 Netherlands Methods for treating viral infections.

601164 Portugal Methods for treating viral infections.

67344 Singapore Methods for treating viral infections.

601164 Spain Methods for treating viral infections.

601164 Sweden Methods for treating viral infections.

601164 Switzerland Methods for treating viral infections.

601164 United Kingdom Methods for treating viral infections.

5244922 USA Methods for treating viral infections.

TRADE NAME

﻿Trade Name No. Country Title

Reg.No.: CDN-HY-07011055; (56); (57). China China Domain Name Registration Certificate. Internet Keyword: Aminocare. Valid until: 5/23/2017 China Domain Name Registration Certificate. Internet Keyword: Aminocare.cn. Valid until: 5/23/2012 China Domain Name Registration Certificate. Internet Keyword: Aminocare.com.cn. Valid until: 5/23/2012

TRADEMARKS

﻿Trademark No. Country Title

10328784 China Avavital in Class 5

10328785 China Atengenal in Class 5

10328787 China Cengenal in Class 5

10328788 China Fengenal in Class 5

46957304 China Aminocare

4006102 Europe Fengenal in Class 5

4006334 Europe Avavital

4006359 Europe Bugenal in Class 5

4006375 Europe Lubgen Farma in Classes 39 (distribution of pharmaceutical preparation) and in Class 40 (custom manufacturing of pharmaceutical preparations for others)

4006425 Europe Cengenal in Class 5

4006664 Europe Astugenal in Class 5

4006979 Europe Atengenal in Class 5

300343377 Hong Kong Aminocare in Class 5

302118276 Hong Kong Avavital in Class 5

302118285 Hong Kong Atengenal in Class 5

302118294 Hong Kong Astugenal in Class 5

302118302 Hong Kong Cengenal in Class 5

302118311 Hong Kong Fengenal in Class 5

247442 Israel Fengenal in Class 5

247444 Israel Cengenal in Class 5

247445 Israel Astugenal in Class 5 – ONLY EMAIL, NO ORIGINAL

247446 Israel Atengenal in Class 5

247447 Israel Avavital in Class 5

41914 Kazakhstan Fengenal in Class 5

41913 Kazakhstan Astugenal in Class 5

41912 Kazakhstan Atengenal in Class 5

41911 Kazakhstan Avavital in Class 5

41910 Kazakhstan Fengenal in Class 5

41909 Kazakhstan Aminocare in Class 5

67271 Lithuania Fengenal in Class 5

67272 Lithuania Cengenal in Class 5

67273 Lithuania Astugenal in Class 5

67274 Lithuania Atengenal in Class 5

67562 Lithuania Avavital in Class 5

67275 Lithuania Aminocare in Class 5

N/062073 Macau Fengenal in Class 5

N/062074 Macau Cengenal in Class 5

N/062075 Macau Astugenal in Class 5

N/062076 Macau Atengenal in Class 5

N/062077 Macau Avavital in Class 5

N/062078 Macau Aminocare in Class 5

2012054846 Malaysia Fengenal in Class 5

2012054860 Malaysia Cengenal in Class 5

2012054844 Malaysia Avavital in Class 5

2012054843 Malaysia Atengenal in Class 5

2012054850 Malaysia Astugenal in Class 5

1598.40.01 Philippines Fengenal in Class 5

1598.40.02 Philippines Cengenal in Class 5

1598.40.03 Philippines Astugenal in Class 5

1598.40.04 Philippines Atengenal in Class 5

1598.40.05 Philippines Avavital in Class 5

1598.40.06 Philippines Aminocare in Class 5

188750 Poland Lubgen Farma

120234 Republic of Korea Lubgen Farma in Class 35 (Arranging of pharmaceutical sales)

129501 Republic of Korea Lubgen Farma in Class 40 (custom manufacturing of pharmaceutical preparations for others)

620203 Republic of Korea Bugenal in Class 5

622094 Republic of Korea Astugenal in Class 5

622095 Republic of Korea Atengenal in Class 5

622096 Republic of Korea Avavital in Class 5

622097 Republic of Korea Cengenal in Class 5

622098 Republic of Korea Fengenal in Class 5

292206 Russia Astugenal in Class 5

293368 Russia Bugenal in Class 5

300114 Russia Cengenal in Class 5

304514 Russia Lubgen Farma in Class 35 (Arranging of pharmaceutical sales) and in Class 40 (custom manufacturing of pharmaceutical preparations for others)

304679 Russia Avavital in Class 5

304680 Russia Atengenal in Class 5

304681 Russia Fengenal in Class 5

327323 Russia Aminocare in Class 5

1165897 Taiwan Aminocare in Class 5

1543739 Taiwan Fengenal in Class 5

1543740 Taiwan Cengenal in Class 5

1543741 Taiwan Astugenal in Class 5

1543742 Taiwan Atengenal in Class 5

1543743 Taiwan Avavital in Class 5

853930 Thailand Fengenal in Class 5

853931 Thailand Cengenal in Class 5

853932 Thailand Astugenal in Class 5

853933 Thailand Atengenal in Class 5

50590 USA State Trademark ‘Antineoplaston’ - Texas

1719793 USA Federal trademark 'Antineoplaston' for pharmaceuticals.

2999213 USA Bugenal in Class 5

3142996 USA Ampolgen Pharmaceuticals, LLC. In Classes 35 and 42.

3160376 USA Aminocare in Class 6

3169436 USA Avavital in Class 5

3174860 USA Fengenal in Class 5

3177785 USA Astugenal in Class 5

318432 USA Atengenal in Class 5

3276180 USA Cengenal in Class 5

200989 Vietnam Cengenal in Class 5

200990 Vietnam Astugenal in Class 5

200991 Vietnam Atengenal in Class 5

200992 Vietnam Avavital in Class 5

205522 Vietnam Fengenal in Class 5