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Association and Linkage Analysis of Aluminum Tolerance Genes in Maize

Allison M Krill, Matias Kirst, Leon V Kochian, Edward S Buckler, Owen A Hoekenga

*Interactions Association and Linkage Analysis of **Aluminum** ... Association and Linkage Analysis of **Aluminum** Tolerance Genes in Maize ... **Aluminum** (Al) toxicity is a major worldwide constraint*

PLoS ONE: Research Article, published 01 Apr 2010
10.1371/journal.pone.0009958

Views: 1373 Citations: None Bookmarks: Yes

Metallomic Profiling and Linkage Map Analysis of Early Parkinson's Disease: A New Insight to Aluminum Marker for the Possible Diagnosis

Shiek S S J Ahmed, Winkins Santosh

*of Early Parkinson's Disease: A New Insight to **Aluminum** ... Metallomic Profiling and Linkage Map Analysis of Early Parkinson's Disease: A New Insight to **Aluminum** Marker for the Possible Diagnosis ... . The loading coefficient map showing that **aluminum**, copper*

PLoS ONE: Research Article, published 22 Jun 2010
10.1371/journal.pone.0011252

Views: 911 Citations: None Bookmarks: None

An ATP and Oxalate Generating Variant Tricarboxylic Acid Cycle Counters Aluminum Toxicity in *Pseudomonas fluorescens*

Ranji Singh, Joseph Lemire, Ryan J Mailloux, Daniel Chénier, Robert Hamel, Vasu D Appanna

*Acid Cycle Counters **Aluminum** Toxicity in Pseudomonas ... An ATP and Oxalate Generating Variant Tricarboxylic Acid Cycle Counters **Aluminum** Toxicity in Pseudomonas fluorescens ... , a dicarboxylic acid involved in the immobilization of **aluminum***

PLoS ONE: Research Article, published 07 Oct 2009
10.1371/journal.pone.0007344

Views: 673 Citations: Yes Bookmarks: None

Phylogenetic Analysis of Local-Scale Tree Soil Associations in a Lowland Moist Tropical Forest

Laura A Schreeg, W John Kress, David L Erickson, Nathan G Swenson

*., extractable phosphorus, **aluminum** and manganese, pH ... of **aluminum**, a potentially toxic element. The node shared ... are known to exist at phylogenetic nodes for **aluminum***

PLoS ONE: Research Article, published 27 Oct 2010
10.1371/journal.pone.0013685

Views: 415 Citations: None Bookmarks: None

Complement C3d Conjugation to Anthrax Protective Antigen Promotes a Rapid, Sustained, and Protective Antibody Response

Ravi V Kolla, Suresh Chintalapati, Mojgan Sabet, Eugenio Santelli, Robert C Liddington, Michael David, Joshua Fierer, Donald Guiney, Robert C Rickert

*of **aluminum**-adsorbed cell-free filtrates of unencapsulated ... of the currently licensed **aluminum**-based vaccine, and may confer ... to an **aluminum** hydroxide salt (alum). While limited case*

PLoS ONE: Research Article, published 17 Oct 2007
10.1371/journal.pone.0001044

Views: 2141 Citations: Yes Bookmarks: None

Tracking the Small with the Smallest – Using Nanotechnology in Tracking

Zooplankton

Mercy Lard, Johan Bäckman, Maria Yakovleva, Bengt Danielsson, Lars-Anders Hansson

*to an **aluminum** plate (45×43×3 mm), mounted on an **aluminum** heat ... . A cylindrical **aluminum** tube with darkened interior, inner ... to the **aluminum** heat sink and situated over the LED in order*

PLoS ONE: Research Article, published 29 Oct 2010

10.1371/journal.pone.0013516

Views: 895 Citations: None Bookmarks: None

Safety and Immunogenicity of the Malaria Vaccine Candidate MSP3 Long Synthetic Peptide in 12–24 Months-Old Burkinabe Children

Sodiomon B Sirima, Alfred B Tiono, Alphonse Ouédraogo, Amidou Diarra, André Lin Ouédraogo, Jean Baptiste Yaro, Espérance Ouédraogo, Adama Gansané, Edith C Bougouma, Amadou T Konaté, Youssouf Kaboré, Abdoulaye Traoré, Chilengi Roma, Issiaka Soulama, Adrian J F Luty, Simon Cousens, Issa Nébié

*on **aluminum** hydroxide in 45 children 12 to 24 months of age ... 15 µg or 30 µg of MSP3-LSP adsorbed on **aluminum** hydroxide in children ... Operating Procedure, and adjuvanted with **aluminum***

PLoS ONE: Research Article, published 26 Oct 2009

10.1371/journal.pone.0007549

Views: 930 Citations: Yes Bookmarks: None

Pre-Clinical Evaluation of a Novel Nanoemulsion-Based Hepatitis B Mucosal Vaccine

Paul E Makidon, Anna U Bielinska, Shraddha S Nigavekar, Katarzyna W Janczak, Jessica Knowlton, Alison J Scott, Nicholas Mank, Zhengyi Cao, Sivaprakash Rathinavelu, Michael R Beer, J Erby Wilkinson, Luz P Blanco, Jeffrey J Landers, James R Baker

*derived HBs-S antigen particles adsorbed to an **aluminum** ... with conventional **aluminum**-based injectible HBsAg vaccine. Time ... administration (HBsAg-NE), or adsorbed on **aluminum** hydroxide*

PLoS ONE: Research Article, published 13 Aug 2008

10.1371/journal.pone.0002954

Views: 3028 Citations: Yes Bookmarks: None

Immunospecific Responses to Bacterial Elongation Factor Tu during *Burkholderia* Infection and Immunization

Wildaliz Nieves, Julie Heang, Saja Asakrah, Kerstin Höner zu Bentrup, Chad J Roy, Lisa A Morici

*with **aluminum** hydroxide adjuvant elicit robust antibody ... water adsorbed 1:1 with **aluminum** hydroxide adjuvant ... with 25 µg rEF-Tu adsorbed to **aluminum** hydroxide adjuvant*

PLoS ONE: Research Article, published 17 Dec 2010

10.1371/journal.pone.0014361

Views: 281 Citations: None Bookmarks: None

Evaluation of the Efficacy and Cross-Protectivity of Recent Human and Swine Vaccines against the Pandemic (H1N1) 2009 Virus Infection

Philippe Noriel Q Pascua, Min-Suk Song, Jun Han Lee, Kuk Jin Park, Hyeok-il Kwon, Yun Hee Baek, Seung-Pyo Hong, Jong-Bok Rho, Chul-Joong Kim, Haryoung Poo, Thomas S Ryoo, Moon-Hee Sung, Young Ki Choi

*by reverse genetics methods, containing 2% **aluminum** ... with **aluminum** hydroxide adjuvant. Serum samples were collected ... of HA with **aluminum** hyroxide adjuvant, administered 2 weeks apart*

PLoS ONE: Research Article, published 23 Dec 2009

10.1371/journal.pone.0008431

Views: 1656 Citations: Yes Bookmarks: None

Sulfatide Recognition by Colonization Factor Antigen CS6 from Enterotoxigenic *Escherichia coli*

Lena Jansson, Joshua Tobias, Catharina Jarefjäll, Michael Lebens, Ann-Mari Svennerholm, Susann Teneberg

*). The glycosphingolipids were separated on **aluminum**-backed silica gel ...). The glycosphingolipids were separated on **aluminum**-backed silica gel ...). The glycosphingolipids were separated on **aluminum**-backed silica gel*

PLoS ONE: Research Article, published 16 Feb 2009

10.1371/journal.pone.0004487

Views: 551 Citations: Yes Bookmarks: None

The Tricarboxylic Acid Cycle, an Ancient Metabolic Network with a Novel

Twist

Ryan J Mailloux, Robin Bériault, Joseph Lemire, Ranji Singh, Daniel R Chénier, Robert D Hamel, Vasu D Appanna

*R Hamel VD Appanna 2006 **Aluminum** toxicity elicits ... Kalyuzhnyi 2005 **Aluminum**-tolerant Pseudomonas fluorescens ... 16 C Exley 2004 The pro-oxidant activity of **aluminum***

PLoS ONE: Research Article, published 01 Aug 2007

10.1371/journal.pone.0000690

Views: 2782 Citations: Yes Bookmarks: None

Safety and Immunogenicity of a Recombinant *Plasmodium falciparum* AMA1 Malaria Vaccine Adjuvanted with Alhydrogel™, Montanide ISA 720 or AS02

Meta Roestenberg, Ed Remarque, Erik de Jonge, Rob Hermsen, Hildur Blythman, Odile Leroy, Egeruan Imoukhuede, Soren Jepsen, Opokua Ofori-Anyinam, Bart Faber, Clemens H M Kocken, Miranda Arnold, Vanessa Walraven, Karina Teelen, Will Roeffen, Quirijn de Mast, W Ripley Ballou, Joe Cohen, Marie Claude Dubois, Stéphane Ascarateil, Andre van der Ven, Alan Thomas, Robert Sauerwein

*. Alhydrogel ™, an **aluminum** salt, is the most widely used ... ™ formulation, 1.2 ml **aluminum** hydroxide suspension at 2 mg/ml ... . The resulting amount of **aluminum** in each vaccine was 0.5 mg*

PLoS ONE: Research Article, published 18 Dec 2008

10.1371/journal.pone.0003960

Views: 1882 Citations: Yes Bookmarks: None

Mineralization Potential of Polarized Dental Enamel

Reina Tanaka, Yo Shibata, Atsufumi Manabe, Takashi Miyazaki

*steps of 0.2°. A 1.0 mm-thick **aluminum** filter ... K Ooya 1974 Potential of yttrium-**aluminum**-garnet*

PLoS ONE: Research Article, published 19 Jun 2009

10.1371/journal.pone.0005986

Views: 1427 Citations: Yes Bookmarks: None

Skin Vaccination against Cervical Cancer Associated Human Papillomavirus with a Novel Micro-Projection Array in a Mouse Model

Holly J Corbett, Germain J P Fernando, Xianfeng Chen, Ian H Frazer, Mark A F Kendall

*] . "Alum" is chemically either **aluminum** oxyhydroxide, or **aluminum** hydroxyphosphate. For new technologies to take ... 1998 **Aluminum** compounds as vaccine adjuvants. Adv*

PLoS ONE: Research Article, published 18 Oct 2010

10.1371/journal.pone.0013460

Views: 549 Citations: None Bookmarks: None

Immunization with Cocktail of HIV-Derived Peptides in Montanide ISA-51 Is Immunogenic, but Causes Sterile Abscesses and Unacceptable Reactogenicity

Barney S Graham, M Juliana McElrath, Michael C Keefer, Kyle Rybczyk, David Berger, Kent J Weinhold, Janet Ottinger, Guido Ferarri, David C Montefiori, Don Stablein, Carol Smith, Richard Ginsberg, John Eldridge, Ann Duerr, Pat Fast, Barton F Haynes, the AIDS Vaccine Evaluation Group

*since 1945, with the emergence of **aluminum**-based ... by the adjuvant. Licensed **aluminum**-based adjuvants rarely ... is thought to be related to **aluminum** hypersensitivity*

PLoS ONE: Research Article, published 10 Aug 2010

10.1371/journal.pone.0011995

Views: 686 Citations: Yes Bookmarks: None

Resurrection of a Bull by Cloning from Organs Frozen without Cryoprotectant in a −80°C Freezer for a Decade

Yoichiro Hoshino, Noboru Hayashi, Shunji Taniguchi, Naohiko Kobayashi, Kenji Sakai, Tsuyoshi Otani, Akira Iritani, Kazuhiro Saeki

*, then wrapped in **aluminum** foil and placed in a −80°C freezer ... were immediately wrapped in **aluminum** foil ... 12 hours after his death, then wrapped in **aluminum** foil*

PLoS ONE: Research Article, published 08 Jan 2009

10.1371/journal.pone.0004142

Views: 4179 Citations: Yes Bookmarks: Yes

Phase I Study of Safety and Immunogenicity of an *Escherichia coli*-Derived Recombinant Protective Antigen (rPA) Vaccine to Prevent Anthrax in Adults

Bruce K Brown, Josephine Cox, Anita Gillis, Thomas C VanCott, Mary Marovich, Mark Milazzo, Tanya Santelli Antonille,

Lindsay Wieczorek, Kelly T McKee, Karen Metcalfe, Raburn M Mallory, Deborah Birx, Victoria R Polonis, Merlin L Robb

*® is an **aluminum** hydroxide preparation manufactured under cGMP ... µg of elemental **aluminum** per dose. ELISA The validated ELISA ...) or 800 µg [14] of elemental **aluminum** with 50 µg of rPA*

PLoS ONE: Research Article, published 05 Nov 2010
10.1371/journal.pone.0013849

Views: 619 Citations: None Bookmarks: None

Novel Poly-Dopamine Adhesive for a Halloysite Nanotube-Ru(bpy)$_3^{2+}$ Electrochemiluminescent Sensor

Bo Xing, Xue-Bo Yin

*) 3 2+ , respectively. **Aluminum** (75.5 eV), silicon (104 eV), carbon ... -**aluminum** is 1.07, which is similar to that of halloysite ... .05-µm **aluminum** slurries and sonicated in firstly*

PLoS ONE: Research Article, published 30 Jul 2009
10.1371/journal.pone.0006451

Views: 1503 Citations: Yes Bookmarks: None

Safety and Immunogenicity of H5N1 Influenza Vaccine Based on Baculovirus Surface Display System of *Bombyx mori*

Rongzhong Jin, Zhengbing Lv, Qin Chen, Yanping Quan, Haihua Zhang, Si Li, Guogang Chen, Qingliang Zheng, Lairong Jin, Xiangfu Wu, Jianguo Chen, Yaozhou Zhang

*these silkworm pupae bioreactors. **Aluminum** hydroxide adjuvant ... results for an **aluminum** phosphate adjuvant whole-virion ... and **aluminum** hydroxide adjuvant in the subcutaneous tissue*

PLoS ONE: Research Article, published 12 Dec 2008
10.1371/journal.pone.0003933

Views: 2358 Citations: Yes Bookmarks: Yes

GPRC6A Null Mice Exhibit Osteopenia, Feminization and Metabolic Syndrome

Min Pi, Ling Chen, Min-Zhao Huang, Wenyu Zhu, Brian Ringhofer, Junming Luo, Lane Christenson, Benyi Li, Jianghong Zhang, P David Jackson, Pieter Faber, Kurt R Brunden, John J Harrington, L Darryl Quarles

*mice were cut and polished, and mounted on **aluminum** ... alum stain (1 g carmine and 2.5 g **aluminum** potassium ... formation in the beagle. A novel effect of **aluminum***

PLoS ONE: Research Article, published 03 Dec 2008
10.1371/journal.pone.0003858

Views: 1876 Citations: Yes Bookmarks: None

Mitochondrial Lactate Dehydrogenase Is Involved in Oxidative-Energy Metabolism in Human Astrocytoma Cells (CCF-STTG1)

Joseph Lemire, Ryan J Mailloux, Vasu D Appanna

*R Hamel VD Appanna 2006 **Aluminum** toxicity elicits ... 2005 **Aluminum** triggers decreased aconitase activity ... 33 R Mailloux J Lemire V Appanna 2007 **Aluminum**-induced*

PLoS ONE: Research Article, published 06 Feb 2008
10.1371/journal.pone.0001550

Views: 3095 Citations: Yes Bookmarks: None

A Novel Laser Vaccine Adjuvant Increases the Motility of Antigen Presenting Cells

Xinyuan Chen, Pilhan Kim, Bill Farinelli, Apostolos Doukas, Seok-Hyun Yun, Jeffrey A Gelfand, Richard R Anderson, Mei X Wu

*mechanisms. Adjuvants like **aluminum** salts, oil-in-water ... has been **aluminum**-based mineral salts (alum) over ... **aluminum** particles for the adjuvant to be potent*

PLoS ONE: Research Article, published 29 Oct 2010
10.1371/journal.pone.0013776

Views: 459 Citations: None Bookmarks: None

Emulsified Nanoparticles Containing Inactivated Influenza Virus and CpG Oligodeoxynucleotides Critically Influences the Host Immune Responses in Mice

Ming-Hsi Huang, Su-Chen Lin, Chia-Hsin Hsiao, Hsin-Ju Chao, Hung-Ren Yang, Chien-Chun Liao, Po-Wei Chuang, Huang-Pi Wu, Chiung-Yi Huang, Chih-Hsiang Leng, Shih-Jen Liu, Hsin-Wei Chen, Ai-Hsiang Chou, Alan Yung-Chih Hu, Pele Chong

*(a term for **aluminum**-based mineral salts) is the only ... (**aluminum** phosphate) suspension was kindly provided from ... whole-virus vaccine with **aluminum** adjuvant induces*

PLoS ONE: Research Article, published 19 Aug 2010
10.1371/journal.pone.0012279

Views: 539 Citations: None Bookmarks: None

Mutants of GABA Transaminase (POP2) Suppress the Severe Phenotype of *succinic semialdehyde dehydrogenase* (*ssadh*) Mutants in Arabidopsis

Frank Ludewig, Anke Hüser, Hillel Fromm, Linda Beauclair, Nicolas Bouché

*standard conditions were fixed on small **aluminum** discs ... in arbitrary units (a.u.) on rosette leaves fixed on **aluminum** ... of an **aluminum** foil [29] . The rate of heating during*

PLoS ONE: Research Article, published 10 Oct 2008
10.1371/journal.pone.0003383

Views: 1688 Citations: Yes Bookmarks: Yes

Phase I Trial of an Alhydrogel Adjuvanted Hepatitis B Core Virus-Like Particle Containing Epitopes of *Plasmodium falciparum* Circumsporozoite Protein

Aric L Gregson, Giane Oliveira, Caroline Othoro, J Mauricio Calvo-Calle, George B Thorton, Elizabeth Nardin, Robert Edelman

*of ICC-1132 formulated with Alhydrogel (**aluminum** ... isolate). We assessed an Alhydrogel (**aluminum** hydroxide ... Bottcher, et al . ICC-1132 was adsorbed to **aluminum***

PLoS ONE: Research Article, published 06 Feb 2008
10.1371/journal.pone.0001556

Views: 2219 Citations: Yes Bookmarks: None

Role of SHIP-1 in the Adaptive Immune Responses to Aeroallergen in the Airway

Sukit Roongapinun, Sun-Young Oh, Fan Wu, Ampai Panthong, Tao Zheng, Zhou Zhu

*immunized with ovalbumin (OVA) plus **aluminum** hydroxide ... of 75 μg ovalbumin (OVA) mixed with 1 mg **aluminum** hydroxide (Alum*

PLoS ONE: Research Article, published 30 Nov 2010
10.1371/journal.pone.0014174

Views: 238 Citations: None Bookmarks: None

Initiation of Methylglucose Lipopolysaccharide Biosynthesis in Mycobacteria

Devinder Kaur, Ha Pham, Gérald Larrouy-Maumus, Michel Rivière, Varalakshmi Vissa, Marcelo E Guerin, Germain Puzo, Patrick J Brennan, Mary Jackson

*performed on **aluminum**-backed silica gel 60-precoated ... separated by TLC on **aluminum**-backed silica gel 60*

PLoS ONE: Research Article, published 07 May 2009
10.1371/journal.pone.0005447

Views: 683 Citations: Yes Bookmarks: None

A Novel Strategy Involved Anti-Oxidative Defense: The Conversion of NADH into NADPH by a Metabolic Network

Ranji Singh, Joseph Lemire, Ryan J Mailloux, Vasu D Appanna

*B). The detection of ICL in **aluminum**-treated cells ... 2005 **Aluminum** triggers decreased aconitase activity*

PLoS ONE: Research Article, published 16 Jul 2008
10.1371/journal.pone.0002682

Views: 1471 Citations: Yes Bookmarks: None

Oxygen Reperfusion Damage in an Insect

John R B Lighton, Pablo E Schilman

*-plated **aluminum** rod, sealed with two thermally ... through the length of the **aluminum** stock [17] . Finally*

PLoS ONE: Research Article, published 05 Dec 2007
10.1371/journal.pone.0001267

Views: 3081

Citations: Yes Bookmarks: None

Natural Genetic Variation in Selected Populations of *Arabidopsis thaliana* Is Associated with Ionomic Differences

Elizabeth Buescher, Tilman Achberger, Idris Amusan, Anthony Giannini, Cherie Ochsenfeld, Ana Rus, Brett Lahner, Owen Hoekenga, Elena Yakubova, Jeffrey F Harper, Mary Lou Guerinot, Min Zhang, David E Salt, Ivan R Baxter

*) use efficiency [7] , [8] , **aluminum** (Al) resistance ... of several genes critical for **aluminum** tolerance ... Identification and characterization of **aluminum** tolerance loci*

PLoS ONE: Research Article, published 14 Jun 2010
10.1371/journal.pone.0011081

Views: 1101 Citations: Yes Bookmarks: None

Imaging of Surfaces by Concurrent Surface Plasmon Resonance and Surface Plasmon Resonance-Enhanced Fluorescence

Rahber Thariani, Paul Yager

*Corporation, Irvine, CA) using a simple **aluminum** mount*

PLoS ONE: Research Article, published 25 Mar 2010
10.1371/journal.pone.0009833

Views: 785 Citations: None Bookmarks: None

Practical, Microfabrication-Free Device for Single-Cell Isolation

Liang-I Lin, Shih-hui Chao, Deirdre R Meldrum

***aluminum** screen having around 4000 etched holes of 250*

PLoS ONE: Research Article, published 21 Aug 2009
10.1371/journal.pone.0006710

Views: 1897 Citations: None Bookmarks: Yes

Epigenetic Differences in Cortical Neurons from a Pair of Monozygotic Twins Discordant for Alzheimer's Disease

Diego Mastroeni, Ann McKee, Andrew Grover, Joseph Rogers, Paul D Coleman

*snap frozen on **aluminum** plates cooled to −80°C on dry*

PLoS ONE: Research Article, published 12 Aug 2009
10.1371/journal.pone.0006617

Views: 1765 Citations: Yes Bookmarks: Yes

Source of Sustained Voltage Difference between the Xylem of a Potted *Ficus benjamina* Tree and Its Soil

Christopher J Love, Shuguang Zhang, Andreas Mershin

*of around 1 V between **aluminum** nails inserted into tree*

PLoS ONE: Research Article, published 13 Aug 2008
10.1371/journal.pone.0002963

Views: 11658 Citations: Yes Bookmarks: Yes

Nitration of the Egg-Allergen Ovalbumin Enhances Protein Allergenicity but Reduces the Risk for Oral Sensitization in a Murine Model of Food Allergy

Eva Untersmayr, Susanne C Diesner, Gertie Janneke Oostingh, Kathrin Selzle, Tobias Pfaller, Cornelia Schultz, Yingyi Zhang, Durga Krishnamurthy, Philipp Starkl, Regina Knittelfelder, Elisabeth Förster-Waldl, Arnold Pollak, Otto Scheiner, Ulrich Pöschl, Erika Jensen-Jarolim, Albert Duschl

*to 2% **aluminum** hydroxide solution (1.3 µg Al(OH) 3), another ... to 2% **aluminum** hydroxide solution and a third group*

PLoS ONE: Research Article, published 02 Dec 2010
10.1371/journal.pone.0014210

Views: 223 Citations: None Bookmarks: None

Targeting DNA-PKcs and ATM with *miR-101* Sensitizes Tumors to Radiation

Dan Yan, Wooi Loon Ng, Xiangming Zhang, Ping Wang, Zhaobin Zhang, Yin-Yuan Mo, Hui Mao, Chunhai Hao, Jeffrey J Olson, Walter J Curran, Ya Wang

*) at 320 kV, 10 mA, with a filtration of 2-mm **aluminum** ... mm **aluminum**, 0.8 mm tin and 0.25 mm copper), at a dose rate*

PLoS ONE: Research Article, published 01 Jul 2010

10.1371/journal.pone.0011397

Views: 1311 Citations: Yes Bookmarks: None

A New Chamber for Studying the Behavior of *Drosophila*

Jasper C Simon, Michael H Dickinson

*mounted on an **aluminum** base to help prevent warping ... . We mounted chambers on base plates made from thick **aluminum***

PLoS ONE: Research Article, published 27 Jan 2010

10.1371/journal.pone.0008793

Views: 1669 Citations: Yes Bookmarks: Yes

Targeted Discovery of Glycoside Hydrolases from a Switchgrass-Adapted Compost Community

Martin Allgaier, Amitha Reddy, Joshua I Park, Natalia Ivanova, Patrik D'haeseleer, Steve Lowry, Rajat Sapra, Terry C Hazen, Blake A Simmons, Jean S VanderGheynst, Philip Hugenholtz

*residual acid and dried in **aluminum** dishes at 105°C ... .1 M ammonium **aluminum** sulfate, and phenol*

PLoS ONE: Research Article, published 21 Jan 2010

10.1371/journal.pone.0008812

Views: 2024 Citations: Yes Bookmarks: Yes

A High Speed Detection Platform Based on Surface-Enhanced Raman Scattering for Monitoring Antibiotic-Induced Chemical Changes in Bacteria Cell Wall

Ting-Ting Liu, You-Hsuan Lin, Chia-Sui Hung, Tian-Jiun Liu, Yu Chen, Yung-Ching Huang, Tsung-Heng Tsai, Huai-Hsien Wang, Da-Wei Wang, Juen-Kai Wang, Yuh-Lin Wang, Chi-Hung Lin

*of Ag-nanoparticles imbedded in anodic **aluminum** oxide ... was fabricated by anodizing finely polished **aluminum** foil*

PLoS ONE: Research Article, published 07 May 2009

10.1371/journal.pone.0005470

Views: 1438 Citations: Yes Bookmarks: None

A Randomized Placebo-Controlled Phase Ia Malaria Vaccine Trial of Two Virosome-Formulated Synthetic Peptides in Healthy Adult Volunteers

Blaise Genton, Gerd Pluschke, Lukas Degen, Andreas R Kammer, Nicole Westerfeld, Shinji L Okitsu, Sandro Schroller, Penelope Vounatsou, Markus M Mueller, Marcel Tanner, Rinaldo Zurbriggen

*vaccination against hepatitis A with an **aluminum**-free ... and tolerability of a virosomal and an **aluminum**-adsorbed*

PLoS ONE: Research Article, published 10 Oct 2007

10.1371/journal.pone.0001018

Views: 2027 Citations: Yes Bookmarks: None

Plasmodium berghei Circumvents Immune Responses Induced by Merozoite Surface Protein 1- and Apical Membrane Antigen 1-Based Vaccines

Shigeto Yoshida, Hiroshi Nagumo, Takashi Yokomine, Hitomi Araki, Ayaka Suzuki, Hiroyuki Matsuoka

*19 in 2 mg of **aluminum** hydroxide (Imject® Alum, Pierce) three times ... 1 by the addition of oligodeoxynucleotide and **aluminum** hydroxide*

PLoS ONE: Research Article, published 28 Oct 2010

10.1371/journal.pone.0013727

Views: 309 Citations: None Bookmarks: None

Histone Deacetylase 3 Depletion in Osteo/Chondroprogenitor Cells Decreases Bone Density and Increases Marrow Fat

David F Razidlo, Tiffany J Whitney, Michelle E Casper, Meghan E McGee-Lawrence, Bridget A Stensgard, Xiaodong Li, Frank J Secreto, Sarah K Knutson, Scott W Hiebert, Jennifer J Westendorf

*, Switzerland), which was calibrated monthly with an **aluminum** ... microns with a glass plate coated in **aluminum** oxide*

PLoS ONE: Research Article, published 09 Jul 2010

10.1371/journal.pone.0011492

Views: 1001 Citations: Yes Bookmarks: None

An Investigation into the Poor Survival of an Endangered Coho Salmon Population

Cedar M Chittenden, Michael C Melnychuk, David W Welch, R Scott McKinley

__aluminum__, iron and phosphorus often exceed recommended ... estuary. Elevated levels of __aluminum__, iron, zinc

PLoS ONE: Research Article, published 28 May 2010
10.1371/journal.pone.0010869

Views: 845 Citations: None Bookmarks: None

3-D Modelling of Megaloolithid Clutches: Insights about Nest Construction and Dinosaur Behaviour

Bernat Vila, Frankie D Jackson, Josep Fortuny, Albert G Sellés, Àngel Galobart

. The egg clusters were covered with __aluminum__ foil ... with 10 nm of gold, mounted on __aluminum__ stubs, and imaged

PLoS ONE: Research Article, published 05 May 2010
10.1371/journal.pone.0010362

Views: 2342 Citations: None Bookmarks: None

A Modifier Screen for Bazooka/PAR-3 Interacting Genes in the *Drosophila* Embryo Epithelium

Wei Shao, Johnny Wu, Jeyla Chen, Donghoon M Lee, Alisa Tishkina, Tony J C Harris

cytoskeletal protein __aluminum__ tubes (alt) (13%), par-1 (11 ... (asp), __aluminum__ tubes (alt), cullin-5 (cul-5

PLoS ONE: Research Article, published 01 Apr 2010
10.1371/journal.pone.0009938

Views: 1155 Citations: None Bookmarks: None

pH-Dependent Metal Ion Toxicity Influences the Antibacterial Activity of Two Natural Mineral Mixtures

Tanya M Cunningham, Jennifer L Koehl, Jack S Summers, Shelley E Haydel

metals such as iron, copper, __aluminum__, and zinc ... mixtures expectedly revealed that silica and __aluminum__

PLoS ONE: Research Article, published 01 Mar 2010
10.1371/journal.pone.0009456

Views: 1253 Citations: Yes Bookmarks: None

Safety and Immunogenicity of an AMA1 Malaria Vaccine in Malian Children: Results of a Phase 1 Randomized Controlled Trial

Mahamadou A Thera, Ogobara K Doumbo, Drissa Coulibaly, Matthew B Laurens, Abdoulaye K Kone, Ando B Guindo, Karim Traore, Mady Sissoko, Dapa A Diallo, Issa Diarra, Bourema Kouriba, Modibo Daou, Amagana Dolo, Mounirou Baby, Mahamadou S Sissoko, Issaka Sagara, Amadou Niangaly, Idrissa Traore, Ally Olotu, Olivier Godeaux, Amanda Leach, Marie-Claude Dubois, W Ripley Ballou, Joe Cohen, Darby Thompson, Tina Dube, Lorraine Soisson, Carter L Diggs, Shannon L Takala, Kirsten E Lyke, Brent House, David E Lanar, Sheetij Dutta, D Gray Heppner, Christopher V Plowe

with __aluminum__ hydroxide [18] – [20] . The failure ... with AMA1-C1, an AMA1 vaccine adjuvanted with __aluminum__

PLoS ONE: Research Article, published 04 Feb 2010
10.1371/journal.pone.0009041

Views: 3721 Citations: Yes Bookmarks: None

Phase 1 Trial of the *Plasmodium falciparum* Blood Stage Vaccine $MSP1_{42}$-C1/Alhydrogel with and without CPG 7909 in Malaria Naïve Adults

Ruth D Ellis, Laura B Martin, Donna Shaffer, Carole A Long, Kazutoyo Miura, Michael P Fay, David L Narum, Daming Zhu, Gregory E D Mullen, Siddhartha Mahanty, Louis H Miller, Anna P Durbin

together and bound to __aluminum__ hydroxide (Alhydrogel ... 40 or 160 µg of MSP1 42 -C1 and 404 µg of __aluminum__ per 0.5

PLoS ONE: Research Article, published 22 Jan 2010
10.1371/journal.pone.0008787

Views: 1010 Citations: Yes Bookmarks: None

Toward the Discovery of Vaccine Adjuvants: Coupling *In Silico* Screening and

In Vitro Analysis of Antagonist Binding to Human and Mouse CCR4 Receptors

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*to an increased antigen-specific T cell response. **Aluminum** ... by **aluminum** adjuvants are not likely to confer protection*

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