

## **Carolyn P. Ojano-Dirain, PhD**

Professional Presentations

Updated 5/15/2013

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Antonelli PJ, Ojano-Dirain CP, Dowd SE. Microbial Flora of Cochlear Implants by Gene Pyrosequencing. Presented at the American Neurotology Society Meeting, Orlando, FL, April 12-13, 2013.

Ojano-Dirain CP, Antonelli PJ. Mitochondria-targeted Antioxidant MitoQ Protects Against Gentamicin-induced Ototoxicity. Presented at the American Otological Society Meeting, Orlando, FL, April 12-14, 2013.

Jadidian A, Antonelli PJ, Ojano-Dirain CP. Bak and Hrk Expression in HEI-OC1 Cells Treated with Gentamicin with and without the Mitochondria-targeted Antioxidant MitoQ. Presented at the American Neurotology Society Meeting, Orlando, FL, April 12-13, 2013.

Rodney J, Ojano-Dirain C, Antonelli PJ, Silva RC. The Effect of Repeated Tracheostomy Tube Reprocessing on Biofilm Formation. Presented at the Triological Society Meeting, Orlando, FL, April 12-13, 2013.

Ojano-Dirain CP, Antonelli PJ. Prevention of Gentamicin Induced Cell Death with the Mitochondria Targeted Antioxidant MitoQ. Presented at the Triological Society Meeting Combined Sections Meeting, Miami, FL, January 26-28, 2012.

Carver RY, Ojano-Dirain CP, Antonelli PJ, Silva, RC. Efficacy of Different Cleaning Solutions in Removing Biofilms from Tracheostomy Tubes. Presented at the Triological Society Annual Meeting, San Diego, CA, April 18-22, 2012.

Ojano-Dirain C, Silva RC, Bashir U, Antonelli PJ. Prevention of Biofilm Formation by Polyquaternary Polymer. Presented at the American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, Washington DC, September 9-12, 2012.

Rodney J, Bashir U, Ojano-Dirain C, Esin L, Antonelli PJ, Silva RC. Effect of Repeated Tracheostomy Tube Reprocessing on Biofilm Formation. Presented at Florida Society of Otolaryngology Annual Meeting, Naples FL October 19-21, 2012.

Thomas RG, Ojano-Dirain C, Antonelli PJ. Topical Antibiotic Treatment Reduces Tympanostomy Tube Biofilm Formation. Presented at the Triological society Combined Sections Meeting, Scottsdale, AZ, January 27-29, 2011.

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Silva RC, Ojano-Dirain C, Antonelli PJ. Bacterial Biofilms Not Eradicated by Trachostomy Tube Cleaning. Presented at the American Society of Pediatric Otolaryngology, Chicago IL, April 29-May 1, 2011.

Ojano-Dirain CP, Antonelli PJ. Biofilm Formation on Coated Silicone Tympanostomy Tubes. Presented at the 10th International Symposium – Recent Advances in Otitis Media New Orleans, LA June 5-9, 2011.

Antonelli PJ, Wingkun NJG, Fulton E, Ojano-Dirain CP. Haemophilus influenzae on Middle Ear Implants. Presented at the 2nd International Workshop on Haemophilus influenzae and Moraxella catarrhalis, Willemstad, Curaçao August 10-11, 2011.

Fulton E, Wingkun NG, Ojano-Dirain CP, Antonelli PJ. Tympanostomy Tube Sequelae Related to Pathogens. Presented at the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, San Francisco, CA, September 11-14, 2011.

Wingkun NG, Fulton E, Ojano-Dirain CP, Antonelli PJ. Role of Pathogens in Ossicular Prosthesis Problems. Presented at the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, San Francisco, CA, September 11-14, 2011.

Ojano-Dirain CP, Antonelli PJ. Biofilm Potential of Common Otopathogens. Presented at the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, San Francisco, CA, September 11-14, 2011.

Antonelli PJ, Sampson EM, Ojano-Dirain C. Biofilm Formation on Silicone Tympanostomy Tubes With and Without Polyvinylpyrrolidone Coating. Presented at the American Society of Pediatrics Otolaryngology 2010 Annual Meeting, Las Vegas, April 30-May 2, 2010.

Ojano-Dirain C, Antonelli PJ. Pseudomonas Biofilm Formation after Haemophilus Infection. Presented at the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, Boston, MA, September 26-29, 2010.

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Antonelli PJ, Ojano-Dirain C, Schultz G. Misleading Microbial Culture with Cochlear Implant Infection. Presented at the William House Cochlear Implant Study Group, Boston, MA, September 25, 2010.

Wingkun NJ, Fulton E, Ojano-Dirain C, Antonelli PJ. Tympanostomy Tube Biofilm Formation by Otitis Pathogens. Presented at Florida Society of Otolaryngology Annual Meeting, Naples, FL, November 11-13, 2010.

Fulton E, Wingkun NJ, Ojano-Dirain C, Antonelli PJ. Biofilm Formation on Ossicular Prostheses. Presented at the Florida Society of Otolaryngology Naples, FL, November 11-13, 2010.

Ojano-Dirain C, Glushakova LG, Muzyczka, et al. Adeno-associated virus-mediated knockdown of pyruvate dehydrogenase E1 $\alpha$  in specific regions of the rat brain. United Mitochondrial Disease Foundation (UMDF) Meeting, Vienna, VA, June 23-27, 2009.

Glushakova LG, Lisankie MJ, Eruslanov EB, Ojano-Dirain C, et al. High-Efficiency Transduction of Human Hepatoblastoma and Hepatocellular Carcinoma Cells by AAV3 Serotype Vectors: Metabolic Remodeling and Apoptosis following Gene Transfer and Expression of the Pyruvate Dehydrogenase E1  $\alpha$  Subunit Gene, 12th Annual Meeting of American Society of Gene Therapy, 2009, May 27-30, San-Diego, CA.

Ojano-Dirain C, Magis A, Ostrov DA, Stacpoole PW. Structure-based Drug Design in the Search for New Treatment of Mitochondrial Diseases. United Mitochondrial Disease Foundation (UMDF) Meeting. Indianapolis, IN. June 24-28, 2008.

Ojano-Dirain C, Pumford NR, Wing T, et al. Identification of Potential Feed Efficiency Biomarkers. 2007 PSA-ASAS-ADSA-AMPA Joint Meeting. San Antonio, TX. July 8-12, 2007.

Qiu R, Ojano-Dirain C, Bottje W, et al. Effect of a direct fed microbial on oxidative stress in the ileal and cecal epithelia of broilers. 2007 PSA-ASAS-ADSA-AMPA Joint Meeting. San Antonio, TX. July 8-12, 2007.

Ojano-Dirain C, Pumford NR, Wing T, Cooper M, Bottje W. Association of duodenum mitochondrial complex activity, protein expression and protein oxidation with feed efficiency in broilers. Poultry Science Assoc. Annual Meeting. Auburn, AL. Aug. 2005.

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Lassiter K, Pumford NR, Ojano-Dirain C, et al. Differential expression of proteins in lymphocytes of high and low feed efficient male broilers. Poultry Science Assoc. Annual Meeting. Auburn, AL. Aug. 2005.

Bottje WG, Iqbal M, Pumford NR, Ojano-Dirain C, Lassiter K. Understanding feed efficiency at the cellular level. ANECA Conference, Puerto Vallarta, Mexico. April 28-29, 2005.

Feliz EA, Ojano-Dirain C, Davis ME, et al. Respiratory chain complex activity in longissimus muscle and spinalis dorsi in high and low feed efficiency swine within a single genetic line. ASAS Midwest 2005.

Sandelin BA, Brown Jr. AH, Ojano-Dirain C, et al. Different measures of energetic efficiency, ultrasound and carcass merit and their relationships with mitochondrial activity in Angus cattle. Southern Section American Society of Animal Science Annual Meeting. Feb. 4-8, 2005, Little Rock, AR.

Ojano-Dirain C, Toyomizu M, Wing T, Cooper M, Bottje W. Gene Expression in Duodenum and Breast Muscle of Broilers with Low and High Feed Efficiency. Int'l. Poult. Scientific Forum, Atlanta, GA. Jan. 2005.

Iqbal M, Pumford NR, Ojano-Dirain C, et al. Mitochondria and Feed Efficiency: Mechanism Elucidation and Implications. Arkansas Nutrition Conference. September 15-17, 2004, Rogers, AR.

Ojano-Dirain C, Tinsley N, Iqbal M, et al. Membrane Potential and Hydrogen Peroxide Production in Duodenal Mitochondria in Broilers with Low and High Feed Efficiency. ADSA ASAS PSA Joint Annual Meeting, St. Louis, MO. July 25-29, 2004.

Lassiter K, Iqbal M, Ojano-Dirain C, et al. Differential expression of mitochondrial and extra-mitochondrial proteins in lymphocytes of low and high feed efficient broilers within a single male line. ADSA ASAS PSA Joint Annual Meeting, St. Louis, MO. July 25-29, 2004.

Tinsley N, Iqbal M, Pumford NR, Lassiter K, Ojano-Dirain C, et al. Differential expression of mitochondrial and extra-mitochondrial proteins in heart of low and high feed efficient broilers within a single male line. ADSA ASAS PSA Joint Annual Meeting, St. Louis, MO. July 25-29, 2004.

Sandelin BA, Brown Jr. AH, Ojano-Dirain C, et al. Protein Expression in Muscle Mitochondria in Angus Steers with Low and High Feed Efficiency. ADSA ASAS PSA Joint Annual Meeting, St. Louis, MO. July 25-29, 2004.

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Bottje WG, Iqbal M, Pumford N, C. Ojano-Dirain, et al. Unraveling Feed Efficiency: A Mitochondrial Perspective. Proc. Breeders Roundtable Symposium. St. Louis, MO. 2004.

Ojano-Dirain C, Iqbal M, Pumford N, et al. Assessment of Respiratory Chain Complex Activities and Protein Expression in Duodenal Mitochondria in Broiler Breeder Males with Low and High Feed Efficiency. International Poultry Scientific Forum, Atlanta, GA. Jan. 2004.

Iqbal M, Pumford N, Lassiter K, Tinsley N, Ojano-Dirain C, et al. Differences in Protein Banding Patterns in Several Tissues in Broiler Breeder Males with Low and High Feed Efficiency. Proc. Int'l. Poult. Scientific Forum, Atlanta, GA. Jan 2004.

Mauromoustakos A, Ojano-Dirain C. Teaching Statistical Methods Courses with Case Studies and JMP®. Proc. International SAS User's Conference, Seattle, WA. April 2003.

Ojano-Dirain CP, Iqbal M, Wing T, Cooper M, Bottje W. Relationship Between Glutathione and Respiratory Chain Complex Activities in Duodenal Mitochondria in Broiler Breeder Males with Low and High Feed Efficiency. Poultry Science Assoc. Annual Meeting. Madison, WI. July 6-9, 2003.

Ojano-Dirain CP, Iqbal M, Cawthon D, et al. Site-specific Defects in Electron Transport in Duodenal Mitochondria is Associated with Low Feed Efficiency in Broiler Breeder Males. International Poultry Scientific Forum, Atlanta, GA. Jan. 2003.

Ojano-Dirain CP, Fritts CA, Waldroup PW. Evaluation of Lysine, Methionine and Threonine Needs of Broilers Three to Six Weeks of Age Raised Under Moderate Temperature Stress. International Poultry Scientific Forum, Atlanta, GA, USA. Jan. 2002.