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Ricardo Arribas-Cruz Independent Research	Ca ²⁺ Signaling During Oocyte Maturation Jonathan Marchant/ Pharmacology	Univ. of Puerto Rico-Cayey Biology	7
Zachary Aurand Neuroscience	Medium Spiny Neuron Activity in a Novel Network Slice Preparation LiLian Yuan/ Neuroscience	University of Minnesota-Twin Cities Neuroscience	29
Keria Bermudez-Hernandez Neuroscience	Neurokinin Receptors Couple to NFAT-dependent Gene Expression in Keratinocytes Virginia Seybold/ Neuroscience	Univ. of Puerto Rico-Rio Piedres Biology	30
Jennifer del Rio-Rodriguez Molecular Biology	Purification and Substrate Specificity of Recombinant TrzN Larry Wackett/ BMBB/BioTechnology Institute	Univ. of Puerto Rico-Arecibo Biological Sciences	13
Rebecca Dickison Neuroscience	The Effect of a High-fat Diet on Spontaneous Physical Activity in C57BL/6 Mice Catherine Kotz/ Food Science & Nutrition	Whitman College Biological Psychology	31
Alfred Fubuh Ecology & the Environment	Do Glucose Inputs Influence the Inhibitory and Nutrient Utilization Phenotypes of Streptomyces in Prairie Soils? Linda Kinkel/ Plant Pathology	Fort Valley State University Biology	2
Antoine Gates Molecular Biology	Silencing Apoptosis-signaling Genes in Human Cells Infected with Cryptosporidium Parvum Mark Rutherford/ Veterinary PathoBiology	Jackson State University Chemistry	14
Yomayra Guzman-Vazquez Neuroscience	Antioxidant Enzymes on Striatal and Cortical Cell Cultures Janet Dubinsky/ Neuroscience	Univ. of Puerto Rico-San Juan Biological Sciences	32
Steven Haasken Molecular Biology	Melanoma Chondroitin Sulfate Proteoglycan Promotes Anchorage Independent Growth in Methylcellulose James McCarthy/ Laboratory Medicine & Pathology	Augsburg College Biology	15
William Hardy Molecular Biology	Isolation of a RNA Component from a Trypanosome Editing Complex Gregory Connell/ Pharmacology	Jackson State University Chemistry	16
Anna Harrison Neuroscience	Three Second Trace Interval Fear Conditioning is NMDA Receptor Independent Jonathan Gewirtz/ Psychology	St. Olaf College Biology	33
Lindsay Hess Ecology & the Environment	Aquatic Snail Stoichiometry: Intra- and Interspecific Variation in Phosphorous Content Robert Sterner/ Ecology, Evolution & Behavior	Loyola University Biology	3
Matthew Jansma Independent Research	The Synthesis of Tubuvaline Fragments for Incorporation into Tubulysin Analogs Robert Fecik/ Pharmacy	Ripon College Chemistry	8
Emily Jensen Molecular Biology	Developing a Quantitative Proteomic Approach to Identify Glycosylated Protein Biomarkers of Oral Cancer Progression Timothy Griffin/ BMBB	North Park University Biology	17

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Naomi Kariuki Molecular Biology	Regulation of BH3 Only Proteins in Camptothecin-induced U-937 Leukemia Cells Ameeta Kelekar/ Laboratory Medicine & Pathology	Clafin University Biology	18
Bornali Kundu Neuroscience	Modulation of EMG Activity in Proximal and Hand Muscles During Dynamic Grasp Martha Flanders/ Neuroscience	Case Western Reserve University Biomedical Engineering	35
Corinne Lipscomb Molecular Biology	Human Carbonic Anhydrase II: A Novel Enantioselective Oxidase Romas Kazlauskas/ BMBB	Manchester College Chemistry	19
Julia Luciano Independent Research	DNA Damage-induced Apoptosis and Regulation of Bcl-2 Family Proteins in HL-60 Leukemia Cells by serine threonine Kinases Ameeta Kelekar/ Laboratory Medicine & Pathology	Clafin University Biochemistry	9
James McFarland Neuroscience	Temporal and Force Cues in the Radial-Tangential Distortion of Haptic Perception John Soechting/ Neuroscience	Pomona College Physics	36
Maria Minjares Ecology & the Environment	Longitudinal Analysis of Nutrient Availability in Lake Superior Tributaries Robert Sterner/ Ecology, Evolution & Behavior	Our Lady of the Lake Univ. Natural Sciences	4
Anne Morris Molecular Biology	Deficient DNA Repair in a Cell Culture Model of Fanconi Anemia Colin Campbell/ Pharmacology	Fairfield University Biology	20
Mitchell Mudra Neuroscience	Effect of Heparan Sulfate on the Ibotenic Acid-lesioned Striatum of C6CBA Mice Walter Low/ Neurosurgery	St. Olaf College Biology	37
Nathaniel Mueller Ecology & the Environment	Are generalist insect herbivores cryptic specialists?: Using DNA Barcodes to Assess Host Specificity in <i>Homona mermerodes</i> George Weiblen/ Plant Biology	St. Olaf College Biology and Environmental Studies	5
Michael O'Toole Molecular Biology	Identification and Analysis of Orthologs of the Soy Bean Resistance Gene Rpg1-b in <i>Medicago truncatula</i> Nevin Young/ Plant Pathology	Macalester College Biology	21
Kwadwo Owusu-Sarfo Independent Research	Investigation of Cyclic ADP-ribose Transport in HL60 Cells Timothy Walseth/ Pharmacology	Clafin University Biochemistry	10
Kwadwo Owusu-Sarfo Independent Research	Large Scale Production and Purification of Cyclic ADP-ribose Timothy Walseth/ Pharmacology	Clafin University Biochemistry	10
Alec Palmerton Neuroscience	A Withdrawal-incentive Sensitization Link: Changes in Withdrawal-potentiated Acoustic Startle Correlate with Behavioral Sensitization to Morphine Mark Thomas/ Neuroscience	Pomona College Neuroscience	38

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Jason Pitt Neuroscience	Subcellular Localization of Active-Akt in SCA1 Mice Harry Orr/ Laboratory Medicine & Pathology	University of Evansville Psychobiology	39
Maja Radulovic Neuroscience	Effects of the Steroid Hormone 20-Hydroxyecdysone on Cell Adhesion Molecule Expression in the Moth, <i>Manduca sexta</i> Karen Mesce/ Entomology	Univ. of Wisconsin-Superior Psychology and Biology	40
Kameron Richardson Molecular Biology	Transposome Mutagenesis of <i>Clavibacter Michiganensis</i> subsp. <i>Insidious</i> Deborah Samac/ Plant Pathology	University of North Carolina-Pembroke Biology	23
Colleen Roach Molecular Biology	Host Specificity in the Fig Wasp Community George Weiblen/ Plant Biology	Mesa State College Biology	24
Veronica Rodriguez-Rivera Molecular Biology	Dia2: A Chromatin-bound F-Box Protein Deanna Koepf/ Genetics, Cell Biology & Development	Univ. of Puerto Rico-Cayey Biology	11
Gabriel Sandoval Molecular Biology	Morphine-induced Immunosuppression: Th2 Cell Differentiation as a Function of m-opioid Receptor Stimulation Sabita Roy/ Pharmacology	University of Northern Colorado Biological Sciences	26
Dan Schlatter Ecology & the Environment	Lignin Affects Inhibitory Activity and Nutrient Use of <i>Streptomyces</i> in Soil Linda Kinkel/ Plant Pathology	University of Minnesota-Morris Biology	6
Marielly Sierra-Mercado Independent Research	Organization of the Fatty Acid Transport Protein 1 in the Plasma Membrane David Bernlohr/ BMBB	Univ. of Puerto Rico-Cayey Biology	11
Daniel Smith Neuroscience	Describing Dopamine Effects on Attractor Dynamics in Cortex Using a Conductance-based Model David Redish/ Neuroscience	University of Minnesota-Twin Cities Neuroscience and Physics	41
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Maria Surowiecka Independent Research	Two-step PCR Mutagenesis of Human Progesterone Receptor (PR) DNA Binding Domain to Study PR Extranuclear Function Carol Lange/ Medicine/Pharmacology/Cancer Center	University of Minnesota-Twin Cities Biochemistry	12
Connie Tang Molecular Biology	Identifying Mouse GIRK Subunits from cDNA Brain Library Kevin Wickman/ Pharmacology	Univ. of California-Santa Barbara Pharmacology	28