

Poster#	Serial No.	Title	Category	First name	Last name	Institution	All authors
81	0002	CORRELATION BETWEEN APOE -491AA PROMOTER IN E4 CARRIERS AND SEVERITY IN EARLY STAGE OF TRAUMATIC BRAIN INJURY	TBI	Xiaochuan	Sun		Jiang yong, Sun xiaochuan, Xia yuxian, Tang wenyuan, cao yueqing, gu yingjiang
69	0003	PREVALENCE OF HEAD INJURY	TBI	Ambreen	Amber	University of the Punjab, Lahore, Pakistan.	Amber Ambreen, Rukhsana Dr. Rukhsana Kausar
128	0004	EFFECTIVE REHABILITATION PROCESS: TRANSDISCIPLINARY APPROACH WITH AN ICF INFRASTRUCTURE	TBI	Camille	Skubik-Peplaski	Cardinal Hill Healthcare System	Skubik-Peplaski Camille, Tudor Lisa, Springer Joe, Kim Gerald, Craft Jon, Graybeal Michelle
1	0005	NOVEL ALTERATIONS TO PDZ LIGAND-DOMAIN BINDING FOLLOWING IN VITRO NEURONAL STRETCH INJURY: MOLECULAR CASCADES LEADING TO GLUR2 ENDOCYTOSIS	In Vitro Injury	Joshua	Bell	University of Toronto & St. Michael's Hospital	Bell Joshua, Park Eugene, Ai Jinglu, Baker Andrew
17	0006	CONTINUOUS INTRACRANIAL PRESSURE MONITORING AND TYPES OF ICP WAVES IN SEVERE TRAUMATIC BRAIN INJURY	TBI	Stefan Mircea	Iencean	"Sf Treime" Hospital	Iencean Stefan Mircea
101	0007	BONE-MARROW TISSUE IMPLANT IN TRAUMATIC SPINAL CORD INJURY	SCI	Stefan Mircea	Iencean	"Sf Treime" Hospital	Iencean Stefan Mircea
142	0008	USEFULNESS OF SERIAL ELECTROENCEPHALOGRAPHY (EEG) WITH SPECTRAL ANALYSIS IN MONITORING OF THE CEREBRAL POST TRAUMATIC ATROPHY'S DEVELOPMENT	TBI	Violetta	Grebelnik	Institute of clinical rehabilitation "Villa delle Querce"	Grebelnik Violetta, Accogli Silvia
10	0009	NEUROPROTECTIVE EFFECTS OF TEMPOL, A CATALYTIC SCAVENGER OF PEROXYNITRITE-DERIVED FREE RADICALS, IN THE MOUSE CONTROLLED CORTICAL IMPACT INJURY MODEL	TBI	Ying	Deng-Bryant	SCoBIRC	Deng-Bryant Ying, Carrico Kimberly, Singh Indrapal, Hall Edward
174	0010	SHUNT VALVE ALIGNMENT AND PRESSURE/FLOW CHARACTERISTICS FOR THE CODMAN HAKIM PROGRAMMABLE VALVE	TBI	Paul	Tompkins	University of Oklahoma, HSC	Tompkins Paul, White Benjamin
25	0011	ACUTE ISCHEMIC EVENTS ASSOCIATED WITH MILD TRAUMATIC BRAIN INJURY	TBI	Svetlana	Dambinova	Emory University	Dambinova Svetlana, Khunteev German, Skulabin Dmitrii, Odinak Miroslav, Skoromets Taras
123	0012	INHIBITION OF NEURONAL P-38 MAPK ACTIVATION ATTENUATES BELOW-LEVEL CENTRAL NEUROPATHIC PAIN FOLLOWING SPINAL CORD INJURY	SCI	Young Seob	Gwak	University of Texas Medical Branch	Gwak Young Seob, Unabia Geda, Hulsebosch Claire
32	0013	ROLE OF PROTEIN PHOSPHATASE 1 (PP1) IN CORTEX AND HIPPOCAMPUS AFTER LATERAL FLUID PERCUSSION (LFP) BRAIN INJURY IN RATS	TBI	Michael	Folkerts	Pepperdine University	Folkerts Michael, Swindle Jordan, Michelis Daniela
108	0014	POLYMER MICELLES EFFICIENTLY RESTORES THE COMPOUND ACTION POTENTIAL IN TRAUMATICALLY INJURED SPINAL CORD WHITE MATTER	SCI	Yunzhou	Shi	Purdue University	Shi Yunzhou, Park Kinam, Shi Riyi, Cheng Ji-Xin
113	0015	RELIABILITY OF QUANTITATIVE ASSESSMENT OF SPINAL CANAL COMPROMISE AND SPINAL CORD COMPRESSION AFTER TRAUMATIC CEREBRAL SPINAL CORD INJURY USING	SCI	Julio	Furlan	Toronto Western Research Institute	Furlan Julio, Fehlings Michael, Massicotte Eric, Aarabi Bizhan, Vaccaro Alexander, Anderson D, Greg, Bonn Christopher
224	0016	HYPERGLYCEMIA IN THE ACUTE STAGE OF TRAUMATIC CEREBRAL SPINAL CORD INJURY: RESULTS FROM A CONTROLLED COHORT STUDY AND A CELLULAR MOLECULAR	SCI	Julio	Furlan	Toronto Western Research Institute	Furlan Julio, Fehlings Michael
14	0017	ACTIVATION OF ADULT NEURAL PROGENITORS IS REQUIRED FOR HIPPOCAMPAL REMODELLING AFTER INJURY	TBI	Tzongshue	Yu	UT Southwestern Medical Center at Dallas	Yu Tzong-Shiue, Orr Benjamin, Zhang Gui, Kermie Steven
114	0018	AGE AS A POTENTIAL DETERMINANT OF MORTALITY AND NEUROLOGICAL RECOVERY AFTER ACUTE TRAUMATIC CEREBRAL SCI: ANALYSIS OF THE NASCIS-2 DATABASE	SCI	Julio	Furlan	Toronto Western Research Institute	Furlan Julio, Bracken Michael, Fehlings Michael
78	0019	DIFFUSION TENSOR IMAGING RELIABLY DETECTS EXPERIMENTAL TRAUMATIC AXONAL INJURY AND INDICATES APPROXIMATE TIME OF INJURY	TBI	Christine	MacDonald	Washington University	Mac Donald Christine, Dikranian Krikor, Bayly Philip, Holtzman David, Brody David
218	0020	EFFECTS OF CHRONIC SPINAL CORD INJURY ON BODY WEIGHT AND BODY COMPOSITION IN RATS FED A STANDARD CHOW DIET	SCI	Gregory	Holmes	Pennington Biomedical Research Center	Primeaux Stefany, Tong Melissa, Holmes Gregory
94	0021	HUMAN UMBILICAL CORD BLOOD STEM CELLS PROTECT CULTURED RAT CORTICAL NEURONS AGAINST GLUTAMATE INDUCED EXCITOTOXICITY	In Vitro Injury	Venkata Ramesh	Dasari	University of Illinois College of Medicine at Peoria	Dasari Venkata Ramesh, Saving Kay L., Dinh Dzung H., Rao Jasti S.
98	0022	ASSESSMENT OF CHANGES OF CEREBRAL BLOOD FLOW AND CEREBROVASCULAR RESISTANCE OF STROKE PATIENTS WITH SUBARACHNOID HEMORRHAGE	Ischemic-Hypoxic Injury	Michael	Daley	The University of Memphis	Daley Michael, Narayanan Nithya, Leffler Charles, Sorteberg Wilhem, Eide Per Kristan
171	0023	METHOD FOR MONITORING CEREBROVASCULAR RESISTANCE OF BRAIN INJURED INTENSIVE CARE PATIENTS	TBI	Nithya	Narayanan	University of Memphis	Narayanan Nithya, Leffler Charles W., Czosnyka Marek, Pickard John D, Daley Michael L
176	0024	ADRENOMEDULLIN MODULATES ERK MAPK UPREGULATION TO REDUCE GENDER DEPENDENT LOSS OF HYPOTENSIVE PIAL ARTERY DILATION AFTER NEWBORN BRAIN INJURY	TBI	William	Armstead	University of Pennsylvania	Armstead William, Vavilala Monica
232	0025	SPINAL CORD INJURY ACTIVATES THE NALP1 INFLAMMASOME IN NEURONS AND ASC NEUTRALIZATION IMPROVES HISTOPATHOLOGICAL AND FUNCTIONAL OUTCOMES	SCI	Juan Pablo	de Rivero Vaccari	University of Miami Miller School of Medicine	de Rivero Vaccari Juan Pablo, Lotocki George, Marcillo Alex E., Dietrich W. Dalton, Keane Robert
52	0026	INHIBITION OF CYTOSKELETAL DEGRADATION WITH POST-INJURY ADMINISTRATION OF THE CALPAIN INHIBITOR MDL-28170 IN SEVERE MOUSE CONTROLLED CORTICAL IMPACT	TBI	Stephanie	Thompson	University of Kentucky	Thompson Stephanie, Carrico Kimberly, Hall Ed
217	0027	DISTINCT INTRASPINAL MACROPHAGE ACTIVATION PROTOCOLS DIFFERENTIALLY INFLUENCE OLIGODENDROCYTE GENESIS	SCI	David	Schonberg	Ohio State University	Schonberg David, Popovich Phillip, McTigue Dana
191	0028	COMPUTER INTERPRETATION OF FIVE LEAD EEG DATA IDENTIFIES TRAUMATIC BRAIN INJURY IN THE EMERGENCY DEPARTMENT	TBI	Kevin	Journagan	Washington University	Naunheim Rosanne, Journagan Kevin, Matero David
234	0029	EVALUATION OF ANTIOXIDANT THERAPY WITH A METALLOPORPHYRIN AFTER SPINAL CORD INJURY: DETERMINATION OF THE TIME WINDOW FOR TREATMENT	SCI	Danxia	Liu	University of Texas Medical Branch	Liu Danxia, Yao Diao
89	0030	HIPPOCAMPAL VS. CORTICAL RESPONSE TO STRETCH-INDUCED INJURY	In Vitro Injury	Benjamin	Elkin	Columbia University	Elkin Benjamin S., Morrison III Barclay

154	0031	CHANGES IN CEREBRAL MICROVESSEL EXPRESSION OF MCT1 AND GLUT1 FOLLOWING CONTROLLED CORTICAL IMPACT IN JUVENILE AND ADULT RATS	TBI	Mayumi	Prins	UCLA	Prins Mayumi, Fong Yoly, Appelberg Sofia, Hovda David
229	0032	BENEFICIAL EFFECTS OF TEMPOL ON OXIDATIVE DAMAGE, MITOCHONDRIAL DYSFUNCTION AND CYTOSKELETAL DEGRADATION AFTER SPINAL CORD INJURY IN RATS	SCI	Yiqin	Xiong	University of Kentucky	Xiong Yiqin, Singh Indrapal N., Hall Edward D.
43	0033	EFFECTS OF NAAG PEPTIDASE INHIBITION AND EXOGENOUS NAAG ON NEURONAL DEGENERATION IN RAT LATERAL FLUID PERCUSSION TBI	TBI	Bruce	Lyeth	U.C. Davis	Van Ken, Ly Johnathan, West Eric, Lyeth Bruce
100	0034	ATTENUATION OF ISCHEMIC BRAIN INJURY INDUCED SILENCE BRAIN SEIZURE IN RATS WITH DELAYED TREATMENT OF NNZ-2566 TREATMENT IS GIVEN AFTER NCS OCCURS	Ischemic-Hypoxic Injury	May	Lu	Walter Reed Army Institute of Research	Lu Xi-Chun, Guevarra Paul, Fleming Angela, Yang Xiaofang, Tortella Frank
70	0035	IN SEARCH OF AN EFFECTIVE MILD HYPOTHERMIC THERAPEUTIC STRATEGY FOR TRAUMATIC BRAIN INJURY	TBI	John	Povlishock	VCU	Baranova Anya, Wei Enoch, Povlishock John
71	0036	CEREBRAL VASCULAR RESPONSES IN TWO WIDELY USED BRAIN INJURY MODELS REVEAL SIGNIFICANT DIFFERENCES FOLLOWING THERAPEUTIC INTERVENTION	TBI	John	Povlishock	VCU	Wei Enoch, Baranova Anya, Povlishock John
125	0037	CONTROL OF POST-INJURY MICROGLIAL RESPONSE BY EXTRACELLULAR MATRIX IN THE CNS	SCI	Asya	Rolls	Weizmann	Rolls Asya, Shechter Ravid, London Anat, Ben-Ami Yifat, Schwartz Michal
137	0038	RELATIONSHIP BETWEEN SYSTEMIC AND BRAIN GLUCOSE IN SEVERELY BRAIN INJURED PATIENTS	TBI	Sandra	Magnoni	Fondazione Ospedale Policlinico, Mangiagalli e Regina Elena University	Tedesco Cecilia, Magnoni Sandra, Ghisoni Laura, Villani Giorgio, Zoerle Tommaso, Motta Federica, Stocchetti Nino
184	0039	FREE AND CONJUGATE UBIQUITIN EXPRESSION IN THE RAT CEREBRAL CORTEX AND HIPPOCAMPUS FOLLOWING TRAUMATIC BRAIN INJURY (TBI)	TBI	Xianglan	Yao	USUHS	Yao Xianglan, Liu Jiong, McCabe Joseph
93	0040	NOVEL COMPOUNDS THAT OVERCOME INHIBITION OF CNS AXON REGENERATION: A MOVE TOWARD CLINICALLY USEFUL DRUGS	In Vitro Injury	Vance	Lemmon	Univ. of Miami	Lemmon Vannce, Usher Lynn, Chang Young-tae, Goldberg Jeffrey, David Yuanli, Hoffman Stanley, Bixby John
53	0041	CONDITIONAL OVEREXPRESSION OF INSULIN-LIKE GROWTH FACTOR -1 PROMOTES NEURONAL SURVIVAL IN A MOUSE MODEL OF TRAUMATIC BRAIN INJURY	TBI	Sindhu	Kizhakke Madathil	University of Kentucky	Kizhakke Madathil Sindhu, Surles Nathan, Saatman Kathryn
97	0042	STRETCH INJURY OF RAT ASTROCYTES INDUCES INCREASED INTRACELLULAR FORMATION OF THE CALCIUM BINDING PROTEIN S100B	In Vitro Injury	Earl	Ellis	Virginia Commonwealth University Medical Ctr	Willoughby Karen A., Ellis Earl F.
124	0043	ALTERATIONS IN CYTOKINE RESPONSE TO SPINAL CORD INJURY (SCI) AFTER INHIBITION OF NEUTROPHIL EXTRAVASATION BY POST-INJURY TREATMENT WITH	SCI	Claire	Hulsebosch	University of Texas Medical Branch	Carter Michael, Hulsebosch Claire
39	0044	QUANTITATIVE PERFUSION MRI TO ASSIST INTERPRETATION OF PBO2 AFTER TRAUMATIC BRAIN INJURY	TBI	Kristine	O'Phelan	The Queen's Medical Center	O'Phelan Kristine, Stenger Andrew, Ernst Thomas, Chang Linda, Chang Cherylee, Green Deborah
99	0045	BIOMARKERS OF NEUROTRAUMA: COMPARING THE NEUROPROTEOME OF ISCHEMIC AND CONCUSSIVE INJURIES	Ischemic-Hypoxic Injury	Andrew	Ottens	University of Florida	Ottens Andrew, Bustamante Liliana, Golden Erin, Hayes Ronald, Wang Kevin, Tortella Frank, Dave Jitendra
110	0046	SCAR ABLATION COMBINED WITH CELL TRANSPLANTATION PROMOTES TISSUE REPAIR AND AXON REGENERATION IN CHRONIC CONTUSION INJURY OF RAT SPINAL CORD	SCI	Shuxin	Zhang	Spinal Cord Society	Zhang Shuxin, Sarmiere Patrick, Doolen Suzanne, Kluge Bridget, Huang Fengfa, White Jason, Holmberg Eric
36	0047	VAGUS NERVE STIMULATION IMPROVES COGNITIVE FLEXIBILITY, LEARNING AND MEMORY PERFORMANCE AFTER BILATERAL FRONTAL BRAIN INJURY	TBI	Arlene	Tan	Southern Illinois University	Quigley Andrea, Kuypers Nicholas, McConomy Bryan, Tan Arlene, Smith Douglas
27	0048	HEMISPHERIC DIFFERENCE IN CEREBRAL AUTOREGULATION IN CHILDREN WITH MODERATE AND SEVERE TRAUMATIC BRAIN INJURY	TBI	Monica	Vavilala	Harborview Medical Center	Vavilala Monica, Tontisirin Nuj, Armstead William, Zimmerman Jerry, Chesnut Randall
197	0049	HIPPOCAMPAL ZNCL2 INJECTIONS AFFECT PERFORMANCE ON SPATIAL LEARNING AND MEMORY BEHAVIORAL TESTS	TBI	Bridget	Hawkins		Hawkins Bridget E., DeWitt Douglas S., Prough Donald S.
83	0050	REGIONAL AND CELL-TYPE SPECIFIC HIPPOCAMPAL CELL DEATH FOLLOWING EXPERIMENTAL TRAUMATIC BRAIN INJURY	TBI	Jinhui	Chen		Cho Wongil, Deng Ying, Gao Xiang, Carrico Kimberly M., Hall Edward D., Chen Jinhui
194	0051	ANALYSIS OF DIFFERENTIALLY EXPRESSED GENES IN HUMAN BRAIN SUFFERING FROM BRAIN TRAUMA BY GENECHIP.	TBI	Ping	Lei		Lei Ping, YANG Shu-yuan, ZHANG Jian-ning, YANG Xin-yu, XUE Liang, LIU Hui, WANG Zeng-quan, WANG Zhi-tao, CHEN Lian-fang
44	0052	VASCULAR SHUNTING AFTER TRAUMATIC BRAIN INJURY: NEW EVIDENCE THROUGH POSITRON EMISSION TOMOGRAPHY AND TRANSCRANIAL DOPPLER ULTRASOUND	TBI	Parham	Moftakhar	UCLA	Moftakhar Parham, Glenn Thomas C., Miller Chad, Martin Neil A., Vespa Paul M.
145	0053	MINIMALLY INVASIVE SUBDURAL DRAINAGE AT BEDSIDE: A PILOT STUDY	TBI	Mirza	Baig	Ohio State University	Karas Chris, Baig Mirza, Bailey Jared, Edgar Rick, Miller Carole
72	0054	COGNITIVE MECHANISMS OF TBI-INDUCED MEMORY IMPAIRMENT	TBI	Robert	Hamm	Virginia Commonwealth University	Whiting Mark, Eakin Katharine, Hamm Robert
185	0055	DELAYED TREATMENT WITH GLUCOSE, BUT NOT FRUCTOSE, IMPROVES COGNITIVE RECOVERY FOLLOWING EXPERIMENTAL TRAUMATIC BRAIN INJURY	TBI	Olga	Kokiko	Virginia Commonwealth University	Kokiko Olga N., Robert J.
172	0056	TRANSIENT BLOCKAGE OF THE CD11d/CD18 INTEGRIN REDUCES HISTOPATHOLOGICAL DAMAGE AND LEUKOCYTE INFILTRATION AFTER TRAUMATIC BRAIN INJURY IN RATS	TBI	Helen	Bramlett	University of Miami Miller School of Medicine	Utagawa Akira, Daniels Linda, Lotocki George, Bramlett Helen, Weaver Lynne, Dekaban Gregory, Dietrich W. Dalton
57	0057	ALTERATION IN MEMBRANE RAFT PROTEIN COMPLEXES MEDIATE GLUTAMATERGIC SIGNALING AND AUTOPHAGIC PROCESSES FOLLOWING TRAUMATIC BRAIN INJURY	TBI	Gregory	Bigford	University of Miami	Bigford Gregory E., Furonos-Alonso Ofelia, Dietrich W. Dalton, Keane Robert W.
50	0058	COMPARISON OF BETA-APP AND NF68 IN THE ASSESSMENT OF WHITE MATTER INJURY	TBI	Colin	Smith	University of Edinburgh	Smith Colin, Ralston Jill, Ibrahim Nicole, Truong Anh, Friess Stuart, Margulies Susan
21	0059	DENDRITIC ARCHITECTURE OF CA1 PYRAMIDAL NEURONS IS MODIFIED BY EXPERIMENTAL TRAUMATIC BRAIN INJURY IN THE IMMATURE RAT	TBI	P. David	Adelson	Childrens Hospital of Pittsburgh	Card J. Patrick, Vanino Dana L., Adelson P. David
119	0060	DIFFERENTIAL REGULATION OF GLYCOLYTIC ENZYMES AFTER SPINAL CORD INJURY REVEALED BY PROTEOMIC ANALYSIS	SCI	Anshu	Chen	University of Kentucky Medical Center and Cardinal Hill	Chen Anshu, Ravikumar RangaswamyRao, McEwen Melanie, Springer Joe

112	0061	PROLIFERATION OF CELLS OF ASTROCYTIC LINEAGE FOLLOWING GRADED SPINAL CORD CONTUSION INJURY IN MICE	SCI	Robin	White	The Ohio State University	White Robin, McTigue Dana, Wei Ping, Jakeman Lyn
122	0062	WIDESPREAD METABOLIC ALTERATIONS IN SUPRASPINAL REGIONS AFTER CERVICAL CONTUSION	SCI	Linda	Daniels	University of Miami Miller School of Medicine	Daniels Linda, Furones-Alonso Ofelia, Marcillo Alexander, Garcia Maritza, Bramlett Helen M, Zhao Weizhao, Dietrich W, Dalton
220	0063	A TRANSGENIC MOUSE MODEL TO DIFFERENTIALLY EXAMINE THE ROLE OF MACROPHAGES OF HEMATOGENOUS VERSUS MICROGLIAL ORIGIN	SCI	Gregory	Dekaban	Robarts Research Institute	Thawer Sakina, Chan Karen, Sharma Terlika, Simedrea Carmen, Mawhinney Leah, Dekaban Gregory
73	0064	APPLICATION OF MULTIPLE LABEL FLUORESCENCE TO VISUALIZE AQP4 WATER CHANNELS IN CONDITIONS OF BRAIN SWELLING FOLLOWING CORTICAL CONTUSION IN RAT	TBI	Christina R.	Marmarou	Virginia Commonwealth University	Marmarou Christina R., Okuno Kenji, Taya Keisuke, Gulsen Salih, Prieto Ruth, Marmarou Anthony
80	0065	PROTEOMICS-BASED IDENTIFICATION OF BRAIN, PLASMA AND CSF BIOMARKERS FOLLOWING PENETRATING BALLISTIC-LIKE BRAIN INJURY (PBBII) IN THE RAT	TBI	Changping	Yao	WRAIR	Yao Changping, Williams Anthony, Lu May, Chen Renwu, Wei Hans, Liao Zhilin, Desouza Katherine, Fleming Angela, Wang Kevin
130	0066	MICROPET IMAGING OF THE GLUCOSE METABOLIC RESPONSE FOLLOWING TRAUMATIC BRAIN INJURY IN THE IMMATURE (PND 17) RAT	TBI	P. David	Adelson	Childrens Hospital of Pittsburgh	Fellows-Mayle Wendy, Lopresti Brian, Mathis Chet, Ruszkiewicz James, Slagel Susan, Adelson P, David
233	0067	BRAIN PLASTICITY IN SPINAL CORD INJURY: COMBINED DIFFUSION TENSOR AND FUNCTIONAL MAGNETIC RESONANCE IMAGING	SCI	Jaijvijay	Ramu	University of Texas	Ramu Jaijvijay, Bockhorst Kurt, Grill Raymond, Bockhorst Tobias, Ahobila Pallavi, Naravana Ponnada
68	0068	EFFECTS OF DELAYED HEMORRHAGE ON HIPPOCAMPAL NEURODEGENERATION AND GENE EXPRESSION AFTER TRAUMATIC BRAIN INJURY	TBI	Jeff	Meserve	University of Texas Medical Branch	Capra Bridget, Hellmich Helen, Garcia Jeanna, Boone Debbie, DeWitt Douglas, Prough Donald
58	0069	GENETICALLY MODIFIED FIBROBLASTS FOR THE TREATMENT OF TRAUMATIC BRAIN INJURY	TBI	Cristina	Falo	University of Miami Miller School of Medicine	Falo Cristina, Furones-Alonso Ofelia, Tsoufats Pantelis, Bramlett Helen M., Dietrich W. Dalton
5	0070	EFFECTS OF MITOCHONDRIAL UNCOUPLING AGENT, 2-DINITROPHENOL, OR NITROXIDE ANTIOXIDANT, TEMPOL, ON MITOCHONDRIAL INTEGRITY FOLLOWING ACUTE CONTUSION	SCI	Alexander	Rabchevsky	University of Kentucky, Spinal Cord & Brain Injury Research Center	Patel Samir, Pandya Jignesh, Sullivan Patrick, Rabchevsky Alexander
186	0071	INFLUENCE OF VARIABLE CYCLOSPORIN-A CONCENTRATIONS ON BRAIN NEUROCHEMISTRY IN SEVERE TRAUMATIC BRAIN INJURY PATIENTS	TBI	Gretchen	Brophy	Virginia Commonwealth University	Brophy Gretchen, Robles JR, Brar Satjit, Mazzeo Anna, Karnes Thomas, Bullock Ross
6	0072	PLASTICITY OF LUMBOSACRAL PROPRIOSPINAL NEURONS IS ASSOCIATED WITH THE DEVELOPMENT OF AUTONOMIC DYSREFLEXIA AFTER THORACIC SPINAL CORD TRANSECTION	SCI	Alexander	Rabchevsky	University of Kentucky, Spinal Cord & Brain Injury Research Center	Hou Shaoping, Duale Hanad, Cameron Adrian, Abshire Sarah, Rabchevsky Alexander
79	0073	TRAUMATIC AXONAL INJURY IN APOLIPOPROTEIN E2, E3 AND E4 TARGETED REPLACEMENT MICE	TBI	David	Brody	Washington University	Brody David, Kim Eddie, Spinner Mike, Mac Donald Christine, Parsadanian Maia, Sullivan Patrick, Holtzman David
126	0074	INTRASPINAL PLASTICITY AND AUTONOMIC DYSREFLEXIA AFTER SPINAL CORD INJURY: A TRANSNEURONAL TRACING STUDY USING PSEUDORABIES VIRUS	SCI	Alexander	Rabchevsky		Duale Hanad, Hou Shaoping, Derbenev Andrei, Smith Bret, Rabchevsky Alexander
3	0075	FUNCTIONAL REGENERATION OF SENSORY AXONS INTO THE SPINAL CORD AFTER BLOCKADE OF MYELIN-ASSOCIATED INHIBITION IN A DORSAL ROOT CRUSH MODEL OF SPINAL	SCI	Pamela	Harvey	Tufts University School of Medicine	Harvey Pamela, Cariani Peter, Frank Eric
23	0076	THE ROLE OF THE CELL CYCLE TRANSCRIPTION FACTOR E2F1 IN POST-TRAUMATIC NEURONAL APOPTOSIS AND NEURAL CELL PROLIFERATION	TBI	Melissa	Drost	Drexel University College of Medicine	Drost Melissa, Holod Veronica, Raghupathi Ramesh
165	0077	RECONSTRUCTION OF THE NIGROSTRIATAL PATHWAY IN A RAT MODEL OF PARKINSON'S DISEASE	TBI	Kristine	Ziemba	University of Kentucky	Ziemba Kristine, Jin Ying, Yurek David, Smith George
7	0078	EFFECT OF INDUCIBLE NITRIC OXIDE SYNTHASE ON CEREBRAL BLOOD FLOW FOLLOWING HEAD TRAUMA	TBI	Lesley	Foley	Carnegie Mellon University	Foley Lesley, Hitchens T. Kevin, Melick John, Bayir Hulya, Ho Chien, Kochanek Patrick
129	0079	MAGNETIC RESONANCE IMAGING ASSESSMENT OF MACROPHAGE ACCUMULATION IN A MOUSE BRAIN AFTER EXPERIMENTAL TRAUMATIC BRAIN INJURY: A PRELIMINARY	TBI	Lesley	Foley	Carnegie Mellon University	Foley Lesley, Kochanek Patrick, Feldman Kerri, Hitchens T. Kevin, Melick John, Ho Chien
219	0080	INHIBITION OF FAST POTASSIUM CURRENT BY N-(4-PYRIDYL) METHYL CARBAMATE IN ACUTELY DISASSOCIATED GUINEA PIG DORSAL ROOT GANGLION CELLS	SCI	Wenjing	Sun	Purdue University	Sun Wenjing, Smith Daniel T., Shi Riyi
215	0081	ESTROGEN IMPROVES FUNCTIONAL OUTCOME IN RAT SPINAL CORD INJURY	SCI	Swapan	Ray	Medical University of South Carolina	Sribnick Eric, Samantaray Supriti, Matzelle Denise, Ray Swapan, Banik Naren
84	0082	BEHAVIORAL DYSFUNCTION AND HISTOLOGICAL DAMAGE IN CALPASTATIN KNOCKOUT MICE AFTER CONTROLLED CORTICAL IMPACT INJURY	TBI	Heather	Fooser		Fooser Heather, Surles Nathan, Kizhakke Madathil Sindhu, Saatman Kathryn
105	0083	MULTIMODALITY TREATMENT REGIMEN MAXIMIZES NEUROPROTECTION AND LOCOMOTOR FUNCTION IN SPINAL CORD INJURY IN RATS	SCI	Swapan	Ray	Medical University of South Carolina	Samantaray Supriti, Guyton M. Kelly, Das Arabinda, Sribnick Eric, Matzelle Denise, Yu Shan-Ping, Wei Ling, Swapan Rav, Banik
223	0084	IMAGING CORTICOSPINAL TRACT CONNECTIVITY IN INJURED RODENT SPINAL CORDS USING MANGANESE-ENHANCED MAGNETIC RESONANCE IMAGING	SCI	Mehmet	Bilgen	The University of Kansas Medical Center	Bilgen Mehmet
138	0085	Bcl-2 AND Bcl-xL EXPRESSION AND THEIR POSSIBLE ROLE OF ANTI-NEURONAL-APOPTOSIS AFTER ACUTE BRAIN TRAUMA IN RAT	TBI	Xinyu	Yang	General Hospital of Tianjin Medical University	Yang Xinyu, Yang Shunyuan, Zhang Jianning, Xue Liang, Lei Ping, Hu Zhen
192	0086	CHARACTERIZING DIFFUSE AXONAL INJURY PATHOLOGY IN A RAT MODEL BY USING DIFFUSION TENSOR IMAGING	TBI	Zhifeng	Kou	Wayne State University	Kou Zhifeng, Shen Yimin, Zakaria Nirsine, Kallakuri Srinivasu, Cavanaugh John, Yu Yingjian, Hu Jiani, Haacke E Mark
173	0087	TEMPORAL AND REGIONAL PROFILES OF BLOOD-BRAIN BARRIER PERMEABILITY AND PERFORIN IMMUNOREACTIVITY AFTER TRAUMATIC BRAIN INJURY	TBI	George	Lotocki	University of Miami Miller School of Medicine	Lotocki George, Furones-Alonso Ofelia, Dietrich W. Dalton
132	0088	PROTEIN DELIVERY INTO BRAIN CELLS USING CELL-PENETRATING PEPTIDES	TBI	Melissa	Simon	Columbia University	Simon Melissa J, Gao Shan, Banta Scott, Morrison III Barclay
9	0089	THE PROTECTIVE EFFECT OF TRANSCRIPTION FACTOR NF-E2-RELATED FACTOR 2 ON TRAUMATIC BRAIN INJURY IN RATS	TBI	Wei	Yan	Jinling Hospital, China	Yan Wei, Wang Han-dong, Wang Qing-feng, Song Ya-qi, Yin Hong-xia
236	0090	ADAPTIVE CONTROL FOR NEUROMUSCULAR STIMULATION MOVEMENT THERAPY	SCI	Seung-Jae	Kim		Kim Seung-Jae, Mukherjee Mallika, Iarkov Alexandre, Abbas James, Jung Ranu

155	0091	KETOGENIC DIET IMPROVES RECOVERY OF FUNCTION AFTER TRAUMATIC BRAIN INJURY IN JUVENILE RATS	TBI	Mayumi	Prins	UCLA	Appelberg Sofia, Crowley Erin, Fong Alenya, Hovda David, Prins Mayumi
61	0092	ACCIDENTAL HEAD INJURY PATTERNS IN YOUNG CHILDREN	TBI	Nicole	Ibrahim	University of Pennsylvania	Ibrahim Nicole, Christian Cindy, Margulies Susan
143	0093	OXIDATIVE GLUTAMATE TOXICITY IS ONE OF THE IMPORTANT MECHANISMS IN TRAUMATIC BRAIN INJURY AND PHOSPHATIDYLCHOLINE-SPECIFIC PHOSPHOLIPASE C PLAYS	TBI	Wei	Yan	Jinling Hospital, China	Wang Qing-feng, Yan Wei, Song Ya-qi, Wang Han-dong
28	0094	LATE ACTIVATION OF NMDA RECEPTORS IMPROVES RECOVERY AFTER EXPERIMENTAL TRAUMATIC BRAIN INJURY.	TBI	Esther	Shohami	Hebrew University, school of Pharmacy	Adeleye Amos, Shoshan Yigal, Trembovler Victoria, Biegon Anat, Rotem Naama, Yaka Rami, Shohami Esther
237	0095	ELECTROPHYSIOLOGICAL EVIDENCE FOR DYNAMIC MYELIN-AXON INTERACTIONS AT THE NODE OF RANVIER	SCI	Alexander	Velumian		Velumian Alexander, Samoilova Marina, Fehlings Michael
8	0096	EFFECTS OF TIMING, LOCATION, AND ENVIRONMENT ON NEURAL STEM CELL TRANSPLANT SURVIVAL, MIGRATION, DIFFERENTIATION, AND FUNCTIONAL RECOVERY FOLLOWING	TBI	Deborah	Shear	Field Neurosciences Institute	Shear Deborah, Tate Clara, Tate Matthew, Archer David, Dunbar Gary, LaPlaca Michelle, Stein Donald
166	0097	EFFECTS OF SEVERE CONTROLLED CORTICAL IMPACT TBI ON MOUSE BRAIN LEVELS OF LIPID-PEROXIDATION-RELATED F2-ISOPROSTANES, F4-NEUROPROSTANES AND F2-ISOFURANS	TBI	Jeff	Bosken	University of Kentucky	Bosken Jeff, Singh Indrapal, Thompson Stephanie, Carrico Kim, Hall Edward
177	0098	STEREOLOGIC ANALYSIS OF THE HIPPOCAMPUS INHIBITORY POPULATION AFTER TRAUMATIC BRAIN INJURY	TBI	Edgardo J.	Arroyo	University of Pennsylvania	Arroyo Edgardo J., Lifshitz Johnathan, Witgen Brent M., Nyengaard Jens R., Schwarzbach Elizabeth, Cohen Akiva S., Grady M., Sean
163	0099	EFFICACY OF PROGESTERONE FOLLOWING A MODERATE UNILATERAL CORTICAL CONTUSION INJURY.	TBI	Lesley	Gilmer	University of Kentucky	Gilmer Lesley, Roberts Kelly, Scheff Stephen
30	0100	BEHAVIORAL OUTCOMES FOLLOWING BIOMECHANICALLY DISTINCT DIFFUSE BRAIN INJURIES	TBI	Brian	Stemper	Medical College of Wisconsin	Fijalkowski Ronald, Stemper Brian, Pintar Frank, Yoganandan Narayan, Gennarelli Thomas
91	0101	AN IN VITRO MODEL OF CELLULAR INJURY IN TRAUMATIC BRAIN INJURY	In Vitro Injury	Borna	Dabiri	Harvard University	Dabiri Borna, Weiss Eric, Feinberg Adam, Parker Kevin Kit
205	0102	HIGH CYCLOPHILIN D CONTENT IN NEURONAL MITOCHONDRIA RESULTS IN GREATER VULNERABILITY TO CA2+ OVERLOAD	In Vitro Injury	Kranthi Kumari	Naga	University of Kentucky	Naga Kranthi Kumari, Sullivan Patrick G, Geddes James W
33	0103	POLYPRENOL COULD IMPROVE GLYCOSYLATION IN MITOCHONDRIA IN BRAIN RECOVERY AFTER NEUROTRAUMA	TBI	Ivans	Kuznecovs	Preventive Medicine Research Society	Kuznecovs Ivans, Kuznecovs Sergejs
109	0104	INHIBITION OF COMPRESSION-MEDIATED INJURIES BY THE ACROLEIN-SCAVENGER HYDRALAZINE IN EX VIVO SPINAL CORD TISSUE	SCI	Kristin	Hamann	Purdue University	Hamann Kristin, Durkes Abigail, Ouyang Hui, Duerstock Brad, Shi Riyi
212	0105	NEURAL STEM CELLS AND SCHWANN CELLS IMPLANTED TO RAT SEMI-TRANSECTED SPINAL CORD	SCI	Wan	Hong	Beijing Neurosurgical Institute	Hong Wan, Lie Xia, Jun-hua Li, Shen-guo Wang
225	0106	INVESTIGATING THE NEUROPROTECTIVE EFFICACY OF INTRAVENOUS POLYETHYLENE GLYCOL TREATMENT IN AN IN VIVO MODEL OF ACUTE SPINAL CORD INJURY.	SCI	Darryl	Baptiste	Toronto Western Research Institute	Baptiste Darryl, Sugita Shuzo, Fehlings Michael
156	0107	NEUROPROTECTION CONFERRED BY SODIUM OR ETHYL PYRUVATE AFTER CORTICAL CONTUSION IN THE RAT	TBI	Nobuhiro	Moro	UCLA	Moro Nobuhiro, Hovda David, Sutton Richard
35	0108	EFFECT OF BLOOD LEAD LEVEL ON DMT1 EXPRESSION IN RAT BRAIN	TBI	Chengwu	Gu	Shantou University medical college	Gu Chengwu, Huo Xia, Xu Xijin, Zeng Liangkai
47	0109	APOLIPOPROTEIN E GENOTYPE AND CONCUSSION IN VARSITY ATHLETES: A PROSPECTIVE COHORT STUDY	TBI	Vicki	Kristman	University Health Network	Kristman Vicki, Kreiger Nancy, Tator Charles, Mainwaring Lynda, Richards Doug, Jaglal Susan, Tomlinson George
76	0110	ACUTE AND DELAYED NEUROINFLAMMATORY RESPONSE FOLLOWING EXPERIMENTAL PENETRATING BALLISTIC BRAIN INJURY IN THE RAT	TBI	Anthony	Williams	Walter Reed Army Institute of Research	Williams Anthony, Wei Hans, Dave Jitendra, Tortella Frank
54	0111	ADAPTATION AND VALIDATION OF GC/MS MEASUREMENT OF ISOPROSTANES AND NEUROPROSTANES IN BIOLOGICAL TISSUE AFTER TRAUMATIC BRAIN INJURY	TBI	Jeff	Bosken	University of Kentucky	Bosken Jeff, Singh Indrapal, Hatton Jimmi, Young Byron, Polley Jim, Deng Ying, Hall Ed
210	0112	SELECTIVE BRAIN COOLING IS ACHIEVED VIA AN EXTRAVASCULAR COOLING DEVICE FOR NEUROPROTECTION	Ischemic-Hypoxic Injury	May	Lu	Walter Reed Army Institute of Research	Wei Guo, Yang Xiaofang, Tortella Frank, Lu May
190	0113	CORTICAL SPREADING DEPOLARIZATIONS ARE ASSOCIATED WITH HIGH ICP AND LOW MAP IN SEVERE TBI PATIENTS	TBI	Jed	Hartings	Walter Reed Army Institute of Research	Hartings Jed, Fabricius Martin, Strong Anthony, Tortella Frank, Bhatia Robin, Bullock Ross
167	0114	THALAMIC AXOTOMY LEADS TO WIDESPREAD CIRCUIT ACTIVATION AND BEHAVIORAL DEFICIT WITH WHISKER STIMULATION AFTER DIFFUSE TRAUMATIC BRAIN INJURY IN	TBI	Jonathan	Lifshitz	University of Kentucky	Lifshitz Jonathan, Davis C. Lynn
62	0115	SERUM AND CEREBROSPINAL FLUID HORMONE LEVELS IN A POPULATION WITH SEVERE TRAUMATIC BRAIN INJURY	TBI	Emily	Rogers	University of Pittsburgh	Rogers Emily H., Postal Brett A., Fabio Anthony, Yuan Zhifang, Corominal Alicia, Loucks Tammy L., Dixon C. Edward, Berge
158	0116	DIFFERENTIAL HIPPOCAMPAL VULNERABILITY OF DIFFERENT GENETIC STRAINS OF MICE FOLLOWING TRAUMATIC BRAIN INJURY (TBI) MODEL OF CONTROLLED CORTICAL IMPACT (CCI)	TBI	Jeffrey	Catrambone	UMDNJ	Catrambone Jeffrey, He Wenzhuan, Menonna Joseph, Maniker Allen, Carmel Peter, Dowling Peter, McIntosh Tracy
214	0117	BACLOFEN INHIBITS RECOVERY OF LOCOMOTION BEHAVIOR AND REDUCES PROLIFERATION/SURVIVAL OF ENDOGENOUS NEURAL STEM CELLS (eNSCs) IN CHRONIC	SCI	Qun	Li	Kennedy Krieger Institute	Li Qun, Liu Su, Gary Devin, Lange Mollie, McDonald John
230	0118	SHALLOW-WATER WALKING: INVESTIGATING A NOVEL REHABILITATION STRATEGY FOR SPINAL CORD INJURY	SCI	David	Magnuson	University of Louisville	Magnuson David, Kuerzi Jon, Brown Edward, Smith Rebecca, Shum-Siu Alice, Druzhinina Victoria
55	0119	MU-CALPAIN IS LOCATED IN THE MITOCHONDRIAL INTERMEMBRANE SPACE	TBI	James	Geddes	University of Kentucky	Garcia Matthew, Badugu RamaKrishna, Bondada Vimala, Geddes James
179	0120	STRIATAL PROTEIN CHANGES WITH CONTROLLED CORTICAL IMPACT AND METHYLPHENIDATE TREATMENT	TBI	Emily	Rogers	University of Pittsburgh	Chen Xiangbai, Drewencki Laura L., Harun Rashed, Clossin Damian P., Dixon C. Edward

135	0121	VITAMIN D DEFICIENCY ADVERSELY AFFECTS RECOVERY AFTER PROGESTERONE TREATMENT FOR TRAUMATIC BRAIN INJURY IN AGED RATS	TBI	Milos	Cekic	Emory University School of Medicine	Cekic Milos, Johnson Sarah, Cutler Sarah, Stein Donald
107	0122	MECHANISMS OF PERIPHERAL IMMUNE SUPPRESSION AFTER HIGH THORACIC SPINAL CORD INJURY	SCI	Kurt	Lucin	Ohio State University	Lucin Kurt, Sanders Virginia, Popovich Phillip
51	0123	MULTIDIMENSIONAL SEPARATION-COUPLED TANDEM MASS SPECTROMETRY PLATFORM FOR RAPID DISCOVERY OF PUTATIVE PROTEIN BIOMARKERS FOR TRAUMATIC BRAIN	TBI	Kevin	Wang	University of Florida	Wang Kevin K., Kobeissy Firas H., Zhang Zhiqun, Liu Ming Cheng, Denslow Nancy D., Dave Jitendra R., Tortella Frank C., Hayes
231	0124	CALORIE RESTRICTION, ALTERNATE DAY FASTING AND DIETARY ADDITION OF ACETYL-CARNITINE PLUS LIPOIC ACID: EFFECTS ON MOTOR AND BI ADDER RECOVERY AFTER	SCI	Ian	Hentall	University of Miami	Hentall Ian, Rodriguez Maria Luisa, Hargraves Walter
26	0125	NEUROTROPHIN AND PRO-NEUROTROPHIN INTERACTIONS: A POTENTIAL MECHANISM UNDERLYING PROGESTERONE NEUROPROTECTION AFTER TRAUMATIC BRAIN INJURY	TBI	Milos	Cekic	Emory University School of Medicine	Johnson Sarah, Cekic Milos, Stein Donald
121	0126	INTERMITTENT ELECTRICAL STIMULATION OF THE SEROTONERGIC MEDULLARY RAPHE BY A SMALL IMPLANTED STIMULATOR AS A MEANS TO IMPROVE RECOVERY IN RATS	SCI	Ian	Hentall	University of Miami	Hentall Ian, Burns Scott, Rodriguez Maria Luisa
63	0127	THE HIGH AFFINITY PERIPHERAL BENZODIAZEPINE RECEPTOR LIGAND DAA1106 BINDS SPECIFICALLY TO MICROGLIA IN A RAT MODEL OF TRAUMATIC BRAIN INJURY: IMPLICATIONS FOR PFT	TBI	Emily	Rogers	University of Pittsburgh	Venneti Sriram, Wagner Amy K., Wang Guoji, Slagel Susan L., Chen Xiangbai, Lopresti Brian J., Mathis Chester A., Wiley Clayton A., Tator Charles H.
226	0128	INTRAMEDULLARY CHITOSAN CHANNELS ENHANCE THE SURVIVAL OF NEURAL STEM/PROGENITOR CELLS IN A CHRONIC MODEL OF SPINAL CORD INJURY	SCI	Gokhan	Bozkurt	Toronto Western Research Institute, University of Toronto	Bozkurt Gokhan, Zahir Tasneem, Mothe Andrea, Shoichet Molly S., Morshead Cindi M., Tator Charles H.
111	0129	MOTOR AND AUTONOMIC FUNCTION AND TNF- α EXPRESSION ARE ATTENUATED BY CANNABINOID CB2 RECEPTOR ACTIVATION IN A MURINE MODEL OF SPINAL CORD INJURY	SCI	Darric	Baty	Temple University Hospital	Baty Darric, Zhang Ming, Li Hongbo, Erb Carolyn, Ganea Doina, Loftus Christopher, Jallo Jack, Tuma Ronald
118	0130	UPREGULATION OF CYCLOOXYGENASE-2 IN REACTIVE ASTROCYTES AT POST-ACUTE TIME-POINTS FOLLOWING SPINAL CORD INJURY IN RATS	SCI	Rangaswamy Rao	Ravikumar	University Of Kentucky	Ravikumar RangaswamyRao, Ladit Kelsey, McEwen Melanie, Sheikh Stephanie, Snow Diane, Springer Joe
95	0131	THE ROLE OF CALPAIN IN VOLTAGE GATED SODIUM CHANNEL PROTEOLYSIS AFTER AN IN-VITRO STRETCH INJURY	In Vitro Injury	Catherine	von Reyn	University of Pennsylvania	von Reyn Catherine R, Meaney David F
90	0132	COMPREHENSIVE TRANSCRIPTOME CHANGES FOLLOWING IN VITRO TRAUMATIC BRAIN INJURY	In Vitro Injury	Kartik	Kesavabhotla	Columbia University, SEAS	Kesavabhotla Kartik, Elkin Benjamin, Morrison Ill Barclay
88	0133	EXPERIMENTAL STUDY OF GUNSHOT HEAD INJURY	TBI	Jiangyue	Zhang		Zhang Jiangyue, Yoganandan Narayan, Pintar Frank, Gennarelli Thomas
146	0134	ACUTE STROKE FROM TRAUMATIC CAROTID ARTERY DISSECTION SUCCESSFULLY TREATED WITH ENDOVASCULAR CAROTID STENT PLACEMENT: A REPORT OF TWO CASES	TBI	Rodney	Samuelson	School of Medicine and Biomedical Sciences, University at Buffalo	Samuelson Rodney M., Tummala Ramachandra P., Jahromi Babak S., Yamamoto Junichi, Tawk Bahih G., Atwal
77	0135	TREATMENT WITH HUMAN AMNION-DERIVED MULTIPOTENT PROGENITOR CELLS AS A NEUROPROTECTIVE THERAPY FOR TRAUMATIC BRAIN INJURY: PRE-CLINICAL STUDIES	TBI	Zhiyong	Chen	Walter Reed Army Institute of Research	Chen Zhiyong, Chan Allison, Lu May, Marshall Vivienne, Sing George, Tortella Frank
147	0136	MILD MITOCHONDRIAL UNCOUPLING WITH FCCP CONFERS NEUROPROTECTION FOLLOWING TRAUMATIC BRAIN INJURY IN RODENTS: STUDY OF DOSE RESPONSE AND THERAPEUTIC	TBI	Jignesh	Pandya	SCoBIRC, University of Kentucky	Pandya Jignesh, Pauly James, Sebastian Andrea, Day Kristen, Jennes Mary
103	0137	GENETIC ENGINEERING OF NEURAL PRECURSOR CELLS SPECIFIES MOTONEURON DIFFERENTIATION IN INJURED ADULT SPINAL CORD	SCI	Song	Liu	Institut Pasteur	Bohl Delphine, Liu Song, Blanchard Stephane, Hocquemiller Michael, Haase Georg, Heard Jean-Michel
85	0138	SILENCING OF INJURY-INDUCED GENES IN H19 RAT HIPPOCAMPAL CELLS	TBI	Andrew	Hall		Garcia Jeanna, Boone Deborah, Prough Donald, Parsley Margaret, Cousins Joanne, DeWitt Douglas, Hellmich Helen
136	0139	MAST CELLS IN EDEMA FORMATION AFTER TRAUMATIC BRAIN INJURY: A POSSIBLE MECHANISM OF PROGESTERONE ACTION	TBI	Badrinarayanan	Kasturi	Emory University School of Medicine	Kasturi Badrinarayanan, Stein Donald
216	0140	ACTIVATION OF P38 MAP KINASE IS INVOLVED IN CENTRAL NEUROPATHIC PAIN FOLLOWING SPINAL CORD INJURY	SCI	Eric	Crown	Merck and Co Inc	Crown Eric, Gwak Young Seob, Ye Zaiming, Johnson Kathia, Hulsebosch Claire
195	0141	TRAUMATIC BRAIN INJURY DYSREGULATES EXPRESSION OF CIRCADIAN CLOCK GENES IN RAT HIPPOCAMPUS AND SUPRACHIASMATIC NUCLEI	TBI	Andrew	Hall		Boone Deborah, Garcia Jeanna, Cowart Jeremy, Parsley Margaret, Hawkins Bridget, Uchida Tatsuo, Prough Donald, DeWitt
12	0142	MULTIPLE RISK FACTORS FOR PARKINSON'S DISEASE: PESTICIDE EXPOSURE AND TRAUMATIC BRAIN INJURY	TBI	Che	Hutson	University California, Los Angeles	Hutson Che, Gurkoff Gene, Giza Christopher, Hovda David, Chesselet Marie-Francoise
222	0143	B CELLS EXACERBATE NEUROPATHOLOGY AND IMPAIR FUNCTIONAL RECOVERY AFTER SPINAL CORD INJURY IN MICE	SCI	Daniel	Ankeny	The Ohio State University	Ankeny Daniel, Popovich Phillip
227	0144	EFFECT OF ANESTHETIC AND LESION SEVERITY ON CARDIOVASCULAR AND LOCOMOTOR PARAMETERS AFTER HIGH SPINAL CORD CONTUSION INJURY IN RATS	SCI	Yvette	Nout	University of California, San Francisco	Nout Yvette, Beattie Michael, Bresnahan Jacqueline
178	0145	GLIOSIS AND NEURITE GROWTH PERSIST FOR AT LEAST ONE YEAR FOLLOWING BRAIN TRAUMA IN THE RAT	TBI	Xiao Han	Chen	University of Pennsylvania	Chen Xiao Han, Browne Kevin, Johnson Victoria, Smith Douglas H.
159	0146	DIFFERENTIAL EXPRESSION OF HIPPOCAMPAL MAP2 SUBFORMS FOLLOWING REPEATED MILD TRAUMATIC BRAIN INJURY	TBI	Michelle	DeFord	Univ of Massachusetts Dartmouth	Shafer Andrea, DeFord Michelle
208	0147	ACTIVATED MICROGLIA REDUCE OLIGODENDROCYTE PROGENITOR CELL VIABILITY BUT PROTECT MATURE OLIGODENDROCYTES FROM APOPTOTIC CELL DEATH	In Vitro Injury		Beattie		Beattie Michael, Miller Brandon, Crum Jeanine, Tovar C Amy, Ferguson Adam, Bresnahan Jacqueline
106	0148	OLIGOPEPTIDES TREATMENT INDUCES AXONAL REGROWTH AFTER SPINAL CORD INJURY IN THE ADULT RAT.	SCI	STEPHANE	GOBRON	NEURONAX	GOBRON STEPHANE
134	0149	PATHOLOGY OF TRAUMATIC AXONAL INJURY FOLLOWING DIFFUSE BRAIN TRAUMA IN IMMATURE RATS	TBI	Ann Mae	Stellwag	Drexel University College of Medicine	Stellwag Ann Mae, Huh Jimmy W., Widing Ashley G, Raghupathi Ramesh R.
13	0150	IDENTIFICATION OF POTENTIALLY NEUROPROTECTIVE GENES BY MICROARRAY ANALYSIS OF GENES REGULATED BY NEUROTROPHIN-4/5 TREATMENT OF CA3 NEURONS IN THE	TBI	Saafan	Malik	University of Pennsylvania	Malik Saafan, Royo Nicolas, Yu Liya, LeBold David, Watson Deborah

104	0151	IMPLANTATION OF GENETICALLY MODIFIED FIBROBLASTS INTO THE INJURED SPINAL CORD OF THE CAT RESULTS IN HYPER-PROLIFERATION OF EXTRACELLULAR MATRIX AND	SCI	Maria	Crowe	Medical College of Wisconsin	Crowe Maria
164	0152	A MULTIFACTORIAL MODEL FOR PARKINSON'S DISEASE: TRAUMATIC BRAIN INJURY AND TRICHLOROETHYLENE EXPOSURE	TBI	Andrew	Sauerbeck	University of Kentucky	Sauerbeck Andrew, Hunter Randy, Bing Guoying, Gash Don, Sullivan Patrick
24	0153	DIFFERENTIAL EFFECTS OF NMDA AND AMPA RECEPTOR ANTAGONISM ON THE ACTIVATION OF CASPASE-3, CALPAIN AND C-JUN N-TERMINAL KINASE (JNK) FOLLOWING MODERATE	TBI	Jennifer	Creed	Drexel University College of Medicine	Creed Jennifer, Holod Veronica, Raghupathi Ramesh
168	0154	FASTING INDUCED NEUROPROTECTION; MECHANISM AND IMPLICATIONS FOR THE TREATMENT OF TRAUMATIC BRAIN INJURY	TBI	Laurie	Davis	University of Kentucky	Davis Laurie, Sebastian Andrea, Readnowner Ryan, Rho Jong, Sullivan Patrick
189	0155	ATTENUATION OF PRO-INFLAMMATORY AND APOPTOTIC GENE EXPRESSION WITH NNZ-2566 FOLLOWING EXPERIMENTAL PENETRATING BALLISTIC-LIKE BRAIN INJURY (PBB)	TBI	Hans	Wei	Walter Reed Army Institute of Research	Wei Hans, Williams Anthony, Fleming Angela, Lim Anna, De Souza Katherine, Phillips Katie, Liao Zhilin, Chen Renwu, Yao Changning, Liu
202	0156	CRYOPRESERVATION DOES NOT AFFECT PROLIFERATION AND MULTIPOTENENCY OF CELLS DERIVED FROM MOUSE EMBRYOID BODIES	In Vitro Injury	Su	Liu	Kennedy Krieger Institute	Liu Su, Gary Devin, Belegu Visar, Qu Yun, McDonald John
16	0157	BIOCHEMICAL AND STRUCTURAL EVIDENCE FOR CALPAIN-MEDIATED CHANGE FOLLOWING DIFFUSE BRAIN INJURY UNCOMPLICATED BY CONTUSION	TBI	Melissa	McGinn		McGinn Melissa J., Wang Kevin K.W., Hayes Ronald L., Liu Ming Cheng, Povlishock John T.
209	0158	THE BETTER NEUROPROTECTION CONFERRED BY ALLOPREGNANOLONE COMPARED TO PROGESTERONE IS MEDIATED BY DIRECT INHIBITION OF THE MITOCHONDRIAL	Ischemic-Hypoxic Injury	Iqbal	Sayeed	Emory University	Sayeed Iqbal, Parvez Suhel, Wali Bushra, Siemen Dettlef, Stein Donald
64	0159	EMPIRICAL EVALUATION OF TYPICAL AND ATYPICAL ENVIRONMENTAL ENRICHMENT PARADIGMS ON MOTOR RECOVERY AND ACQUISITION OF SPATIAL LEARNING AND	TBI	Anthony	Kline	University of Pittsburgh	Sozda Christopher N., Cheng Jeffrey P., Luthra Pallavi, Aslam Haris A., Olsen Adam S., Hoffman Ann N., Zafonte Ross D., Kline
187	0160	QUANTITATIVE RT-PCR IN MODELS OF TBI-INDUCED SYNAPTIC PLASTICITY: EFFECT OF INJURY ON REFERENCE GENES	TBI	Janna	Harris	Virginia Commonwealth University	Harris Janna L., Harris Lesley K., Black Raiford T., Lee Nancy N., Reeves Thomas M., Phillips Linda L.
86	0161	BARNES MAZE EXPERIENCE INFLUENCES MORRIS WATER MAZE RESULTS IN RATS AFTER TRAUMATIC BRAIN INJURY	TBI	Andrew	Hall		Sell Stacy, Avila Marcela, Parsley Margaret, DeWitt Douglas, Prough Donald
180	0162	CHRONIC ADMINISTRATION OF THE TYPICAL AND ATYPICAL ANTIPSYCHOTICS, HALOPERIDOL AND RISPERIDONE, IMPAIR FUNCTIONAL OUTCOME AFTER EXPERIMENTAL BRAIN	TBI	Anthony	Kline	University of Pittsburgh	Hoffman Ann N., Aslam Haris A., Cheng Jeffrey P., Luthra Pallavi, Sozda Christopher N., Olsen Adam S., Zafonte Ross D., Kline
196	0163	CORRELATION OF INJURED NEURONS WITH BLOOD PRESSURE, RIGHTING REFLEX, % CHANGE OF BLOOD PRESSURE AND ABSOLUTE CHANGE	TBI	Andrew	Hall		Parsley Margaret, DeWitt Douglas, Capra Bridget, Prough Donald
74	0164	THE EFFECT OF TRAUMATIC BRAIN INJURY ON MATRIX METALLOPROTEINASE AND N-CADHERIN DURING REACTIVE SYNAPTOGENESIS	TBI	Kelly	Warren	Virginia Commonwealth University	Warren Kelly, Black Raiford, Harris Lesley, Lee Nancy, Reeves Thomas, Phillips Linda
170	0165	CEREBRAL 13C GLUCOSE METABOLISM ONE DAY AFTER TRAUMATIC BRAIN INJURY IN IMMATURE RATS	TBI	Courtney	Robertson	University of Maryland School of Medicine	Robertson Courtney L., Saraswati Manda, Casey Paula, Fiskum Gary, McKenna Mary
131	0166	CEREBROVASCULAR RESPONSE IN INFANTS AND YOUNG CHILDREN FOLLOWING SEVERE TRAUMATIC BRAIN INJURY	TBI	P. David	Adelson	Childrens Hospital of Pittsburgh	Srinivas Ravi, Adelson P. David
161	0167	ENHANCED BLOOD BRAIN BARRIER OPENING, PROLONGED EDEMA AND INCREASED SECONDARY DAMAGE IN THE AGED MOUSE BRAIN FOLLOWING CONTROLLED CORTICAL IMPACT	TBI	Greg	Onyszchuk	University of Kansas Medical Center	Onyszchuk Greg, Sandhir Rajat, He Yong-Yue, Berman Nancy E.J., Brooks William M.
65	0168	BUSPIRONE, A 5-HT1A RECEPTOR AGONIST, FACILITATES THE ACQUISITION OF SPATIAL LEARNING IN A CLINICALLY RELEVANT EXPERIMENTAL TRAUMATIC BRAIN INJURY	TBI	Anthony	Kline	University of Pittsburgh	Olsen Adam S., Sozda Christopher N., Hoffman Ann N., Luthra Pallavi, Cheng Jeffrey P., Aslam Haris A., Zafonte Ross D.
181	0169	THE EFFECT OF REWARMING ON THE ACUTE PROTEIN KINASE RESPONSE AFTER MURINE CCI FOLLOWING THERAPEUTIC HYPOTHERMIA	TBI	Larry W.	Jenkins	University of Pittsburgh	Jenkins Larry W., Kochanek Patrick M., Dixon C. Edward, Kline Anthony E., Clark Robert S.B., Alexander Henry
92	0170	INTERACTION BETWEEN PRIMARY SHEAR STRAIN AND SECONDARY HYPOXIA	In Vitro Injury	Theresa	Lusardi	Legacy Research	Lusardi Theresa A., Hansen Jillian C., Xiong Zhi-Gang
87	0171	DOSE DEPENDENT EFFECTS OF THE MEMBRANE ACTIVATED CHELATOR (MAC) D PHARM- 460 (DP-460) ON ZINC ACCUMULATION AND NEURONAL DEGENERATION IN THE RAT	TBI	Andrew	Hall		Shah Syed, DeWitt Douglas, Prough Donald
75	0172	POST-TBI STRATTERA TREATMENT IMPROVES COGNITION FOLLOWING LATERAL FLUID-PERCUSSION INJURY IN RATS	TBI	Wendy	Reid	Virginia Commonwealth University-MCV	Murdock-Reid Wendy, Hamm Robert J
120	0173	PRE-TRAINING INFLUENCES RE-TRAINING AFTER SPINAL CORD INJURY	SCI	Rebecca	Smith	University of Louisville	Smith Rebecca, Burke Darlene, Magnuson David
221	0174	MODULATING THE BALANCE BETWEEN CANNABINOID CB1/CB2 RECEPTOR ACTIVATION ALTERS THE LOCOMOTIVE AND AUTOMOTIVE FUNCTION IN A MOUSE MODEL OF SPINAL CORD	SCI	Ming	Zhang	Temple University	Zhang Ming, Baty Darric, Li Hongbo, Ganea Doina, Loftus Christopher, Jallo Jack, Tuma Ronald
59	0175	C1-INHIBITOR ATTENUATES NEUROBEHAVIORAL DEFICITS AND REDUCED CONTUSION VOLUME FOLLOWING TRAUMATIC BRAIN INJURY IN MICE	TBI	Luca	Longhi	University of Milano, Fondazione IRCCS Ospedale Maggiore	Perego Carlo, Zanier Elisa R, Ortolano Fabrizio, Longhi Luca, Bianchi Paolo, Bergamaschini Luigi, Stocchetti Nino
60	0176	EFFECTS OF TUMOR NECROSIS FACTOR (TNF) FOLLOWING TRAUMATIC BRAIN INJURY IN MICE: SELECTIVITY OF P55 AND P75 TNF RECEPTOR ROLES	TBI	Luca	Longhi	University of Milano, Fondazione IRCCS Ospedale Maggiore	Longhi Luca, Zanier Elisa R, Perego Carlo, Ortolano Fabrizio, Stocchetti Nino, McIntosh Tracy K, De Simoni Maria Grazia
207	0177	MECHANICAL INJURY DIMINISHES EXCITATORY SYNAPTIC FUNCTION IN CORTICAL NEURONS	In Vitro Injury	Paulette	Goforth	Virginia Commonwealth University	Goforth Paulette B., Satin Leslie S.
206	0178	AMYLOID BETA ACCUMULATION IN TRAUMATICALLY INJURED AXONS IS DEPENDENT ON NEPRILYSIN ACTIVITY	In Vitro Injury	Kevin	Browne	University of Pennsylvania	Browne Kevin, Iwata Akira, Yuen Tracy, Johnson Victoria, Smith Douglas H.
203	0179	DESIGNER PGs IDENTIFY INHIBITORY MOTIFS OF GLIAL SCAR CHONDROITIN SULFATE PROTEOGLYCANS IN VITRO AND IN VIVO	In Vitro Injury	Diane	Snow	The University of Kentucky	Snow Diane, Calulut Chris, Huynh Tru-Dien, Kobrael Eddie, Westerfield Bailey, Cole Danielle, Tran Binh, Curinna Gabrielle, Heringo
66	0180	DELAYED AND CHRONIC ADMINISTRATION OF THE 5-HT1A RECEPTOR AGONIST 8-OH-DPAT ENHANCES MOTOR FUNCTION. FACILITATES ACQUISITION OF SPATIAL LEARNING	TBI	Anthony	Kline	University of Pittsburgh	Kline Anthony E., Kline Anthony E., Cheng Jeffrey P., Aslam Haris A., Luthra Pallavi, Hoffman

182	0181	EFFECT OF TRAUMATIC BRAIN INJURY ON THE EXPRESSION OF DOPAMINE- AND cAMP-REGULATED PHOSPHOPROTEIN, Mr 32 kDa PHOSPHORYLATION AT THREONINE 34 (PDPARP32-T34)	TBI	Hong Q.	Yan	University of Pittsburgh	Yan Hong Q., Ma Xiecheng, Li Youming, Bales James, Dixon C. Edward
48	0182	HEAD EXPOSURE LEVELS IN PEDIATRIC FALLS	TBI	Kenneth	Monson	University of California, San Francisco	Monson Kenneth, Sparrey Carolyn, Cheng Louis, Van Ee Chris, Manley Geoffrey
160	0183	UBIQUITIN-C-TERMINAL HYDROLASE AS A BIOMARKER FOR ISCHEMIC AND TRAUMATIC BRAIN INJURY	TBI	Ronald	Hayes	University of Florida/Center for TBI Studies	Liu Ming Cheng, Oli Monika, Akinyi Linnnet, Zheng Wenrong, Kobeissy Filras, Papa Linda, Dave Jitendra, Tortella Frank, Hayes Ronald
162	0184	IS GLUTAMATE REALLY ELEVATED FOLLOWING TRAUMATIC BRAIN INJURY? A MAGNETIC RESONANCE SPECTROSCOPY STUDY	TBI	William	Brooks	University of Kansas Medical Center	Brooks William, Onyszchuk Gregory, Choi In-Young, Lee Sang-Pil, Bethel Crystal, He Yong-Yue, Berman Nancy
82	0185	EFFECT OF TRAUMATIC BRAIN INJURY ON THE EXPRESSION OF NUCLEAR FACTOR OF ACTIVATED T CELLS C3 PROTEIN IN RAT HIPPOCAMPUS	TBI		Dixon		Dixon C. Edward, Yan Hong Q., Ma Xiecheng, Li Youming
193	0186	NNZ-2566 PROVIDES NEUROPROTECTION AGAINST BRAIN INJURY IN RAT PBBI BY SUPPRESSING BAX EXPRESSION AND PROMOTING BCL-2 LEVEL	TBI	Renwu	Chen	WRAIR	Chen Renwu, Lu May, Yao Changping, Liao Zhilin, Wei Hans, Tortella Frank, Dave Jitendra
34	0187	EFFECT OF HEMORRHAGIC SHOCK ON NEURONAL DEATH AND CEREBRAL BLOOD FLOW AFTER EXPERIMENTAL TRAUMATIC BRAIN INJURY IN MICE: MAGNETIC RESONANCE TRANSDUCERS DURING MR STUDIES: THE CODMAN	TBI	Patrick	Kochanek	Safar Center for Resuscitation Research	Dennis Alia, Haselkorn Lee, Foley Lesley, Garman Robert, Jenkins Larry, Hitchens T. Kevin, Clark Robert, Ho Chien, Bavir Hulva
20	0188	EXTREME HEATING MAY OCCUR WHEN USING INTRAPARENCHYMAL INTRACRANIAL PRESSURE TRANSDUCERS DURING MR STUDIES: THE CODMAN	TBI	Virginia	Newcombe	Cambridge University	Newcombe Virginia, Hawkes Robert, Harding Sally, Willcox Roslyn, Brock Sarah, Hutchinson Peter, Menon David, Carreter
188	0189	ULTRASTRUCTURAL STEREOLOGICAL ANALYSIS OF UNMYELINATED AXON DAMAGE IN THE CORPUS CALLOSUM FOLLOWING TRAUMATIC BRAIN INJURY	TBI	Thomas	Reeves	Virginia Commonwealth University	Reeves Thomas, Lee Nancy, Williamson Judy, Phillips Linda
49	0190	CEREBRAL TISSUE OXYGENATION AND TRANSCRANIAL DOPPLER MONITORING IN CHILDREN WITH TRAUMATIC BRAIN INJURY	TBI	Anthony	Figaji	University of Cape Town	Figaji Anthony, Fieggan Graham, Argent Andrew, Siesjo Peter, LeRoux Peter
201	0191	POLOXAMER 188 PREVENTS AXONAL BEADING AFTER MECHANICAL TRAUMA TO CULTURED NEURONS BY MAINTAINING MEMBRANE PERMEABILITY	In Vitro Injury	Devrim	Kilinc	Drexel University	Kilinc Devrim, Gallo Gianluca, Barbee Kenneth
29	0192	EXACERBATED GLIAL RESPONSE IN THE AGED MOUSE HIPPOCAMPUS FOLLOWING CONTROLLED CORTICAL IMPACT INJURY	TBI	Rajat	Sandhir	Kansas University Medical Center	Sandhir Rajat, Onyszchuk Gregory, He Yong-Yue, Berman Nancy
198	0193	INDUCTION OF NRF2-DRIVEN GENES OFFERS PROTECTION FOLLOWING TRAUMATIC BRAIN INJURY	TBI	Jing	Zhao		Zhao Jing, Moore Anthony, Dash Pramod
102	0194	DIFFERENTIAL EXPRESSION OF CATHEPSINS AND RELATED ENDOGENOUS CATHEPSIN INHIBITORS AFTER SPINAL CORD INJURY IN THE MOUSE	SCI	Susan	Knoblach	Children's National Medical Center and George Washington University	Knoblach Susan, Garay Jorge, De Biase Andrea, Faden Alan, Hoffman Eric
56	0195	ADMINISTRATION OF A NOVEL, CELL-PERMEANT GLUTATHIONE PRECURSOR, TOVA, FOLLOWING TRAUMATIC BRAIN INJURY INCREASES TISSUE SAVING AND REDUCES OXIDATIVE	TBI	Ryan	Readnower	University of Kentucky	Readnower Ryan, Sebastinn Andrea, Davis Laurie, Goldstein Glenn, Sullivan Patrick
150	0196	BRAIN INJURY FOLLOWING REPEATED MILD NONIMPACT INERTIAL HEAD INJURY IN PIGLETS IS DEPENDENT ON INTER-INJURY INTERVAL	TBI	Stuart	Friess	The Children's Hospital of Philadelphia	Friess Stuart, Ralston Jill, Owens Kristin, Helfaer Mark, Smith Colin, Margulies Susan
200	0197	STRETCHABLE MICROELECTRODE ARRAY: A POTENTIAL TOOL FOR MONITORING NEUROELECTRICAL ACTIVITY DURING BRAIN TISSUE DEFORMATION	In Vitro Injury	Zhe	Yu	Columbia University	Yu Zhe, Graudejus Oliver, Tsay Candice, Lacour Stéphanie P., Wagner Sigurd, Morrison Barclay
211	0198	DEVELOPMENT OF A BI-DIRECTIONAL NEURAL-ELECTRICAL INTERFACE USING ENGINEERED AXONAL CONSTRUCTS	PNS Injury	D. Kacy	Cullen	University of Pennsylvania	Cullen D. Kacy, Kameswaran Niranjan, Browne Kevin, Smith Douglas
37	0199	PRECLINICAL EFFICACY TESTING EFFICACY IN MIDDLE AGED RATS: NICOTINAMIDE, A NOVEL NEUROPROTECTANT, WORSENS FUNCTIONAL OUTCOME FOLLOWING CONTROLLED ERYTHROPOIETIN POTENTIATES EDHF-MEDIATED DILATIONS IN RAT CEREBRAL ARTERIES	TBI	Alicia	Swan	Southern Illinois University	Swan Alicia, Hoane Michael
19	0200	ERYTHROPOIETIN POTENTIATES EDHF-MEDIATED DILATIONS IN RAT CEREBRAL ARTERIES	TBI	Robert	Bryan	Baylor College of Medicine	Shafi Nadeem, Andresen Jon, Bryan Robert
148	0201	CHRONIC ADMINISTRATION OF NICOTINAMIDE DRAMATICALLY IMPROVES AND FACILITATES SENSORIMOTOR RECOVERY IN THE TRAUMATICALLY INJURED BRAIN	TBI	Andrea	Goffus	Southern Illinois University	Goffus Andrea, Hoane Michael
117	0202	NEUROPLASTICITY FOLLOWING LOCOMOTOR AND BACLOFEN THERAPY AFTER SPINAL CORD INJURY (SCI).	SCI	Floyd	Thompson	University of Florida	Hou Jiamei, Bose Prodig, Parmer Ronald, Cheng Yanping, Jain Rita, Teiford Ryan, Thompson Floyd
175	0203	SEVERITY OF DAMAGE FOLLOWING INERTIAL BRAIN INJURY DEPENDS ON DIRECTION OF HEAD ROTATION	TBI	Stephanie	Eucker	University of Pennsylvania	Eucker Stephanie, Smith Colin, Friess Stuart, Naim Maryam, Ralston Jill, Margulies Susan
169	0204	CALPASTATIN DEFICIENCY EXACERBATES ACUTE TRAUMATIC AXONAL INJURY IN MICE	TBI	Liang	Guan	University of Kentucky	Guan Liang, Burkhardt Matthew, Saatman Kathryn
22	0205	VERTICALLY ALIGNED CARBON NANOFIBER ARRAY: A NEW TYPE OF MICROELECTRODE ARRAY FOR ELECTROPHYSIOLOGICAL RECORDING	TBI	Zhe	Yu	Columbia University	Yu Zhe, McKnight Timothy E., Ericson M. Nance, Melechko Anatoli V., Simpson Michael J., Morrison Barclay
228	0206	COMBINED INTRATHECAL BACLOFEN (ITB) AND LOCOMOTOR THERAPY BLOCKS DEVELOPMENT OF SCI SPASTICITY	SCI	Floyd	Thompson	University of Florida	Bose Prodig, Hou Jiamei, Parmer Ronald, Cheng Yanping, Jain Rita, Thompson Floyd
152	0207	DELAYED CEREBRAL METABOLISM OF [1,6-13C]GLUCOSE AFTER TRAUMATIC BRAIN INJURY IN IMMATURE RAT	TBI	Susanna	Scafidi	U. Maryland SOM	Scafidi Susanna, O'Brien Janet, Robertson Courtney, Saraswati Manda, Fiskum Gary, McKenna Mary
11	0208	BIOMARKER AND HISTOLOGIC STUDY OF M1-SELECTIVE ANTICHOLINERGIC TREATMENT IN RAT FLUID PERCUSSION BRAIN INJURY	TBI	Bruce	Lyeth	U.C. Davis	Cox Christopher, Liu Ming Chen, Wang Kevin, Hayes Ronald, Lyeth Bruce
31	0209	CONSCIOUSNESS RECOVERY IN PATIENTS WITH DEEP BRAIN STRUCTURES DAMAGES DUE TO SEVERE TBI IN COMPARING WITH PLASMA NOREPINEPHRINE AND DOPAMINE DYNAMICS	TBI	Evgenia	Alexandrova	Moscow State University	Potapov A.A., Zaitsev O.S., Tenedieva V.D., Alexandrova E.V.
42	0210	CORRELATION OF S100B WITH CT FINDINGS AND INTRACRANIAL PRESSURE IN PATIENTS WITH ISOLATED SEVERE TRAUMATIC BRAIN INJURY-A PROSPECTIVE STUDY	TBI	Patrick	Weninger	Trauma Hospita "Lorenz Boehler"	Weninger Patrick, Pelinka Linda, Maurtiz Walter, Hertz Harald, Redl Heinz

133	0211	BILATERAL REDUCTIONS IN DENDRITIC PROCESSES DESPITE INCREASED USE OF THE IPSILATERAL FORELIMB AFTER A CONTROLLED CORTICAL IMPACT TO THE FORELIMB	TBI	Daniel	Liput	DePaul University	Liput Daniel, Maresh Erin, Donlan Nicole, Marlowe Dana, Jones Theresa, Kozlowski Dorothy
149	0212	EXAMINATION OF THE WINDOW OF OPPORTUNITY FOR CHRONIC LOW-DOSE ADMINISTRATION OF NICOTINAMIDE FOLLOWING TBI IN THE RAT	TBI	Jeremy	Pierce	Southern Illinois University Carbondale	Pierce Jeremy, Yearwood Jordan, Al-Talla Zeyad, Tolley Luke, Hoane Michael
18	0213	BANDITS: A NOVEL CLINICAL PLATFORM TO VALIDATE THE UTILITY OF POTENTIAL BRAIN INJURY BIOMARKERS	TBI	Gillian	Robinson	Banyan Biomarkers Inc	Robicsek Steven, Gabrielli Andrea, Wishin Judith, Woodard Jennifer, Layon Joe, Wang Kevin, Oll Monika, Hayes Ronald, Robinson Santa Maria Naomi, Reger Maxine, Hovda David, Giza Christopher
153	0214	D-CYCLOSERINE ADMINISTRATION PROMOTES NR2A RECOVERY AND INCREASES EXPLORATORY BEHAVIOR FOLLOWING LATERAL FLUID PERCUSSION INJURY IN THE	TBI	Naomi	Santa Maria	UCLA	Santa Maria Naomi, Reger Maxine, Hovda David, Giza Christopher
15	0215	ASSESSING THE POTENTIAL OF DIFFUSION TENSOR IMAGING AS A NON-INVASIVE TOOL FOR DETECTING DIFFUSION AXONAL INJURIES IN A RODENT MODEL OF TRAUMATIC BRAIN	TBI	Nisrine	Zakaria	Wayne State University	Zakaria Nisrine, Kallakuri Srinivasu, Cavanaugh John, Shen Yimin, Yu Yingjian, Kou Zhifeng, Haacke Mark
67	0216	DETECTION OF PATHOLOGICAL β -SHEET PROTEIN STRUCTURES ACUTELY AFTER SEVERE HEAD TRAUMA IN HUMANS	TBI	Milos	Ikonomic	University of Pittsburgh	Ikonomic Milos, Abrahamson Eric, Isanski Barbara, Mathis Chester, Klunk William, DeKosky Steven
127	0217	PATHOPHYSIOLOGICAL CHANGES IN PERICONTUSIONAL TISSUE POST TRAUMATIC BRAIN INJURY: A DIFFUSION TENSOR IMAGING STUDY	TBI	Virginia	Newcombe	Cambridge University	Newcombe Virginia, Williams Guy, Abate M.Giulia, Harding Sally, Coles Jonathan, Gillard Jonathan, Hutchinson Peter, Pickard
204	0218	GLUTAMATE TRANSPORTER LEVELS ARE ALTERED FOLLOWING TRAUMATIC BRAIN INJURY IN VITRO AND IN VIVO	In Vitro Injury	Justin	Beller	University of California - Davis	Beller Justin A, Berman Robert F, Lyeth Bruce G
115	0219	PROMOTION OF SPINAL CORD REPAIR AND REGENERATION IN CHRONIC SPINAL CORD COMPRESSION BY TARGETING THE FAS/FASL PATHWAY	SCI	Wenru	Yu	Toronto Western Research Institute and Spinal Program, Krembil	Yu Wenru, Fehlings Michael G
116	0220	INTERACTION OF TESTOSTERONE AND 17 β -ESTRADIOL IN PROTECTION AFTER SPINAL CORD INJURY IN ADULT MALE RATS	SCI	Candace	Floyd	University of Alabama at Birmingham	Kachadroka Supatra, Hall Alicia, Chongthammakun Sukumal, Floyd Candace
45	0221	LONG LASTING ALTERATIONS IN MOLECULES ASSOCIATED WITH COGNITIVE PERFORMANCE AFTER CCI INJURY.	TBI	Grace	Griesbach	UCLA	Griesbach Grace, Gomez-Pinilla Fernando, Sutton Richard
235	0222	DIFFERENCES BETWEEN INBRED (LEWIS) AND OUTBRED (LONG-EVANS) STRAINS OF RATS IN LOCOMOTOR RECOVERY AND PAIN RESPONSE AFTER A CONTUSIVE SPINAL CORD	SCI	Jean	Peduzzi	Wayne State University School of Medicine	Keerl Arrua, Azar Toni, Peduzzi Jean
4	0223	IN VIVO TRAFFICKING OF AMPA-TYPE GLUTAMATE RECEPTORS IN SPINAL MOTONEURONS IN RESPONSE TO TUMOR NECROSIS FACTOR ALPHA	SCI	Adam	Ferguson	University of California, San Francisco	Ferguson Adam, Christensen Randolph, Gensel John, Miller Brandon, Beattie Eric, Bresnahan Jacqueline, Beattie Michael
213	0224	ACUTE SPINAL CORD INJURY-INDUCED PLASMA MEMBRANE DAMAGE	SCI	Crystal	Simon	Georgia Institute of Technology/Emory University	Simon Crystal, Sharif Shan, Tan Richard, LaPlaca Michelle
38	0225	ALTERATIONS IN RAT CEREBRAL MICROVASCULATURE FOLLOWING TWO GRADES OF FLUID PERCUSSION TRAUMA: A MICROANGIOGRAPHY STUDY	TBI	Eugene	Park	St. Michael's Hospital	Park Eugene, Baker Andrew
41	0226	EFFECT OF ESTRADIOL BENZOATE ON SOD, NO, GLUCOSE IN SERUM AND COGNITIVE FUNCTION IN RATS AFTER TRAUMATIC BRAIN INJURY	TBI	Huilin	Huang	Tianjin Neurosurgical Institute	Huang Huiling, Wang Qiong, Liang Jiangwei, Wu Qiaoli, Wang Chen
183	0227	INITIAL CEREBROSPINAL FLUID MAGNESIUM AND GLUCOSE LEVELS AND OUTCOME IN SEVERE TRAUMATIC BRAIN INJURY	TBI	Michael	Fischer	University of Pittsburgh	Fischer Michael, Puccio Ava, Okonkwo David
46	0228	AMPA RECEPTOR SUBUNIT CHANGES AFTER LATERAL FLUID PERCUSSION INJURY IN THE IMMATURE RAT	TBI	Julia	Breault	UCLA	Breault Julia, Cai Yan, Hovda D.A., Giza C.G.
141	0229	SURVEY OF PEDIATRIC NEUROSURGEONS AND PEDIATRIC CRITICAL CARE PHYSICIANS PRACTICING IN THE UNITED STATES AND CANADA: PHYSICIANS' ADHERENCE TO THE 2003	TBI	Anne-Marie	Guerguerian	Hospital for Sick Children	Guerguerian Anne-Marie, Di Battista Ashley, Zelsman Melissa, Jallo George, Rutka James, Powe Neil, Shaffner Donald
157	0230	IMPAIRMENT OF VERBAL MEMORY DURING THE FIRST YEAR AFTER TRAUMATIC BRAIN INJURY: A LONGITUDINAL STUDY USING THE CALIFORNIA VERBAL LEARNING TEST SECOND	TBI	Hana	Lee	UCSF	Lee Hana, Pratik Mukherjee, Meeker Michele, Ghajar Jamshid, Manley Geoffrey T.
139	0231	INJURED 3-D NEURAL CO-CULTURES AS A MODEL TO STUDY INTERACTIONS BETWEEN CELL TRANSPLANTS AND INJURED HOST TISSUE	TBI	Michelle	LaPlaca	Georgia Institute of Technology / Emory University	Irons Hillary, Stabenfeldt Sarah, Simon Crystal, Cullen D. Kacy, LaPlaca Michelle
2	0232	PREEMPTIVE ANALGESIA PREVENTS FAILED BACK SURGERY SYNDROME	PNS Injury	Brian	Rooney	University of Texas, Medical Branch	Rooney Brian, Crown Eric, Hulsebosch Claire, McAdoo David
96	0233	TREATMENT WITH SIMVASTATIN PROTECTS AGAINST THE INCREASED SUSCEPTIBILITY TO TRAUMA OF CA1 HIPPOCAMPAL NEURONS IN AGED ANIMALS	In Vitro Injury	Kimberly	Panizzon	VA Greater Los Angeles Healthcare System	Panizzon Kimberly, Mousavi Omid, Wallis Roi Ann
144	0234	PLASMA NOREPINEPHRINE AND DOPAMINE LEVEL CHANGES DURING RECOVERY OF CONSCIOUSNESS IN PATIENTS WITH DAMAGED DEEP BRAIN STRUCTURES DUE TO SEVERE TBI	TBI	Evgenia	Alexandrova	Moscow State University	Alexandrova Evgenia, Tenedieva Valeria, Zaitsev Oleg, Potapov Alexander, Voronov Vladimir, Vorobvov Yuriy
40	0235	EFFECT OF INTENSITY OF CARE ON MORTALITY FOLLOWING TRAUMATIC BRAIN INJURY	TBI	Hilaire	Thompson	The University of Washington	Thompson Hilaire, Rivara Frederick, Jurkovich G. Jerry, Wang Jin, Nathens Avery, MacKenzie Ellen
151	0236	RELATIONSHIP OF COMORBIDITY, INTRACRANIAL DYNAMICS TO HEALTH STATUS FOLLOWING TRAUMATIC BRAIN INJURY (TBI)	TBI	Hilaire	Thompson	The University of Washington	Thompson Hilaire J., Rivara Frederick P., Jurkovich G. Jerry, Wang Jin, Nathens Avery P., Koepsell Thomas, MacKenzie Ellen
140	0237	THE CORRELATION OF ELEVATION INTRACRANIAL PRESSURE WITH CHANGES IN OPTIC NERVE SHEATH IN A PORCINE MODEL	TBI	Mohammad	Shukairy	Henry Ford Hospital	Hamilton Richard, Shukairy Mohammad, Sargsyan Ashot, Melton Shannon, Garcia Kathleen, Kwon David, Dulchavsky Scott
199	238		TBI	Semih	Keskil		