

**Centre for Physiology and Biochemical Research (CPBR)
International Stress and Behavior Society (ISBS)
ZENEREI Institute**

Final Program

**18-th International Neuroscience and
Biological Psychiatry Conference
(North America)
"Stress and Behavior"**



**New Orleans, LA, USA
June 22-24, 2012**

IN PARTNERSHIP WITH:

Noldus
Information Technology

jove
JOURNAL OF
VISUALIZED EXPERIMENTS



Venue: Holiday Inn - Downtown Superdome
330 Loyola Avenue, New Orleans, Louisiana 70112

Day 1. Friday, June 22, 2012

Holiday Inn - Downtown Superdome
330 Loyola Avenue, New Orleans, Louisiana 70112

9.00-16.00 Registration

10.00-13.30 MORNING SESSION BAYOU BALLROOM AB (8TH FLOOR)

10.00 Opening and Welcoming addresses

10.15 Keynote Plenary Lecture: INTEGRATED ACTION SEQUENCES AND STRESS RESEARCH. J Fentress (USA)

11.00-13.00 Greater New Orleans Neuroscience Society (GNOSN) Symposium

Chair: A Kalueff (Presentations 20 min) - Bayou Ballroom AB (8th floor)

11.00 A TALE OF TWO HORMONES: HORMONAL REGULATION OF ANXIETY. N Vasudevan (USA)

11.20 SIRT1 ACTIVITY IN DENTATE GYRUS MEDIATES CHRONIC STRESS-INDUCED BEHAVIOR AND MOLECULAR CHANGES. L Schrader (USA)

11.40-12.00 Coffee break

12.00 NEURON-SPECIFIC (PRO)RENIN RECEPTOR DELETION ATTENUATES NEUROGENIC HYPERTENSION AND IS ASSOCIATED WITH IMPROVEMENT OF AUTONOMIC FUNCTION. Y Feng (USA)

12.20 HIGH-THROUGHPUT THERAPEUTIC SCREENING FOR GLOBOID CELL LEUKO-DYSTROPHY USING AUTOMATED NEUROPHENOTYPING OF TWITCHER MICE. B Scruggs (USA)

12.40 EMOTIONAL MODULATION OF LEARNING STRATEGY IN PREPUBERTAL AND ADULT MALE RATS. E Grissom (USA)

13.00 UPDATE ON DEVELOPMENT AND ANALYSIS OF ZEBRAFISH ENDOPHENOTYPES WITH 3D TRAJECTORY RECONSTRUCTIONS. J Cachat (USA)

13.10 CONCLUDING REMARKS

13.30-14.30 Lunch break

14.30-16.15 AFTERNOON SESSION

BAYOU BALLROOM AB (8TH FLOOR)

14.30 Conference Presentation: OBSESSIVE COMPULSIVE DISORDERS: COMPARATIVE STUDY OF HOMEOPATHIC TREATMENT VS. PROZAC. C De Rosa (Ireland)

15.00 Conference Presentation: RIDING THE PHYSIOLOGICAL ROLLER-COASTER: HOW LIFE STRESS ALTERS STRESS RESPONSIVE PHYSIOLOGICAL SYSTEMS. E Shirtcliff (USA)

15.30 Plenary Lecture: DROSOPHILA AS A MODEL SYSTEM TO STUDY COMPLEX BEHAVIORS INVOLVING SEROTONIN: LEARNING AND MEMORY, AGGRESSION, AND STRESS. C Nichols (USA)

16.15 Round Table Discussion: NEUROSCIENCE OF STRESS – WHERE DO WE GO, AND ARE WE GOING FAST?

16.30-17.30 Welcoming Mini-Reception (sponsored by GNOSN) - Bayou Ballroom AB (8th floor)

19.45-21.00 Social event: City Night walking tour (Admissions)

Day 2. Saturday, June 23, 2012

Holiday Inn - Downtown Superdome
330 Loyola Avenue, New Orleans, Louisiana 70112

9.00-16.00 Registration

10.00-13.30 MORNING SESSION

BAYOU BALLROOM AB (8TH FLOOR)

10.00 Plenary Lecture: NEW ZEBRAFISH MODELS OF BRAIN DISORDERS. A Kalueff (USA)

10.40 Conference Presentation – Ask the Program Director: NIDA INTEREST IN RAT GENETICS AND GENOMICS FOR ADDICTION RESEARCH. D-Y Wu (USA)

11.00-11.20 Coffee break

11.20-13.30 Symposium: FRONTIERS IN CLINICAL PSYCHIATRY AND PSYCHOLOGY
Chairs: A Kalueff, J Warnick (presentations 25 min) - Bayou Ballroom AB (8th floor)

- 11.20 ARE PATIENTS WHO RECEIVE SHOCKS FROM AN IMPLANTABLE CARDIAC DEFIBRILLATOR MORE LIKELY TO DEVELOP CLINICAL DEPRESSION? J Muzer (USA)
- 11.45 MIXED MANIA FOLLOWED BY A SHORT DURATION OF CORTICOSTEROID ADMINISTRATION IN A PATIENT WITH PERIPHERIC FASCIAL PALSY: A CASE REPORT. H Balibey (Turkey)
- 12.10 NEUROIMAGING IN ANXIETY DISORDERS. A CASE REPORT. S Verim (Turkey)
- 12.35 A PRELIMINARY PROFILE OF THE PSYCHOLOGICAL DIFFERENCES BETWEEN MARTIAL ART PRACTICES. J Warnick (USA)
- 13.00 MENTAL HEALTH AND WORKING PRESSURE ANALYSIS OF CHINA'S PETRO-CHEMICAL ENTERPRISES EMPLOYEES. X Ren (China)

13.30-14.30 Lunch Break

14.30-15.30 AFTERNOON SESSION

BAYOU BALLROOM AB (8TH FLOOR)

14.30 Conference Presentation: THE RELATIONSHIP OF ANXIETY, COPING, THINKING STYLE, LIFE SATISFACTION, SOCIAL SUPPORT, AND SELECTED DEMOGRAPHICS AMONG YOUNG ADULT COLLEGE STUDENTS. J Mahmoud (USA)

14.55 Conference Presentation: EARLY LIFE STRESS AND METHYLATION OF THE SEROTONIN TRANSPORTER IN HEALTHY CAUCASIAN MEN. E Duman (USA)

15.20 Moderated Discussion

15.30-16.00 Coffee break (Dixieland Room, 1st floor)

16.00-18.00 GUIDED POSTER SESSION - Dixieland Room (1st floor)

Presenters are asked to set up posters between 15.00 and 16.00, and be at their posters between 16.00 and 18.00. Mounting materials and assistance will be provided

- RNA-SEQ AND DIGE REVEAL CHRONIC LSD RESULTS IN PERSISTENT GENETIC AND PROTEOMIC CHANGES IN RAT PREFRONTAL CORTEX RELEVANT TO SCHIZOPHRENIA. D Martin (USA)
- THE CONTEMPORARY FACE OF ANIMAL RIGHTS SUPPORTERS: CHANGING DEMOGRAPHICS AND VIEWS OF NATURE. S Tosch (USA)
- BEHAVIORAL EFFECTS OF GALANIN IN STRESSED RATS AND PARTICIPATION OF ITS RECEPTOR SUBTYPES. P Skopek (Czech Republic)
- EXPERIENCE OF DEPRESSIVE SYMPTOMS IN RELATION TO WEEKLY WORKING HOURS OF KOREAN WORKERS IN THEIR THIRTIES AND FORTIES. S Kim (Korea)

- BEHAVIORAL ASSESSMENT OF ACUTE AND SUBACUTE ZINC TREATMENT WITH PAROXETINE IN THE FORCED SWIM TEST IN MICE. H Al Amri (Saudi Arabia)
- THE ZEBRAFISH NEUROPHENOME PROJECT. S Gaikwad (USA)
- CONSTRUCTING HABITUOME FOR NEUROBEHAVIOURAL RESEARCH. A Roth (USA)
- ATTENUATION OF FEAR IN OPEN FIELD TESTING OF RATS WITH HISTORIES OF MATERNAL SEPARATION. F Ernst (USA)
- USING 3D-BASED NEUROPHENOTYPIC ANALYSES TO UNDERSTAND HALLUCINOGENIC DRUG ACTION IN AQUATIC MODELS. C Collins (USA)
- STRESS DETECTION OF IT PROFESSIONALS USING ONE MINUTE ECG RECORD. S Jayaraman (India)
- COMPARATIVE ANALYSIS OF THE INFLUENCE OF EMOTIONALLY NEGATIVE TV-NEWS' PLOTS AND UNCENSORED VIDEOS CONTAINING REAL VIOLENCE, TAKEN FROM YOUTUBE, ON THE PSYCHO-PHYSIOLOGICAL CONDITION OF THEIR VIEWERS (BASED ON THE EXPERIMENT). O Radchuk (Ukraine)

19.45-22.00 Social event: Conference Dinner at Muriel's at Jackson Square (Admissions)

Day 3. Sunday, June 24, 2012

Holiday Inn - Downtown Superdome
330 Loyola Avenue, New Orleans, Louisiana 70112

9.00-12.00 Registration

10.00-12.00 MORNING SESSIONS

BAYOU BALLROOM AB (8TH FLOOR)

10.00 Conference Lecture: USING DROSOPHILA AS A MODEL TO IDENTIFY NEUROGENETIC FACTORS MEDIATING HOMEOSTATIC RESPONSES TO STRESS. W Neckameyer (USA)

10.45-13.50 Symposium: TRANSLATIONAL NEUROSCIENCE AND BIOLOGICAL PSYCHIATRY – LESSONS FROM VARIOUS MODEL SPECIES

Chairs: A Kalueff, W Neckameyer (presentations 25 min) - Bayou Ballroom AB (8th floor)

10.45 A NOVEL SIGNALING MECHANISM FOR PURINERGIC RECEPTOR: P2X3 RECEPTOR SIGNALS VIA RETROGRADE SIGNALING ENDOSOMES IN PRIMARY SENSORY NEURONS. X-Q Chen (China)

11.10 GENETICALLY DETERMINED DIFFERENCES OF THE THREE STRUCTURES OF LIMPIC BRAIN SYSTEM DETERMINE THREE DISTINCTIVE AND UNIQUE PERSONALITY TYPES: A SPECIAL KEY FOR UNDERSTANDING

CONNECTION BETWEEN BRAIN FUNCTION AND ITS PLASTICITY WITH HEALTH PREVENTION. A Stathopoulou (Greece)

11.35-12.00 Coffee break

12.00-14.20 AFTERNOON SESSIONS

BAYOU BALLROOM AB (8TH FLOOR)

- 12.00 NEUROPEPTIDE MODULATION OF AROUSAL STATE IN LARVAL ZEBRAFISH. I Woods (USA)
- 12.25 MULTIPLE 3D ZEBRAFISH TRACKING. W Weng (USA)
- 12.50 THE 5-HT₇-DRO RECEPTOR, IS ESSENTIAL FOR NORMAL COURTSHIP AND MATING BEHAVIOR IN DROSOPHILA MELANOGASTER. J Becnel (USA)
- 13.15 DOPAMINE NEURONS ARE DIFFERENTIALLY RECRUITED INTO THE STRESS RESPONSE CIRCUITRY FOR SEXUALLY IMMATURE AND MATURE MALE AND FEMALE DROSOPHILA. K Argue (USA)
- 13.40 OMICS-DRIVEN RESESARCH OF MOUSE GROOMING TO UNDERSTANDING HUMAN PSYCHIATRIC DISORDERS. A Roth (USA)

14.05-14.20 Closing Ceremony. Announcing the 2013 ISBS Conference

15.00-18.00 Social event: Café Du Monde and Carriage city tour (Admissions)



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www.stress-and-behavior.com

