



Society for Psychophysiological Research

2006 Annual Meeting • Poster Sessions

October 25-29, 2006 • Vancouver, British Columbia, Canada

Poster Session 1 • Thursday, October 26, 2006

Poster Session I Plaza Ballroom

Setup: 8:00 a.m.-9:30 a.m., Posters Assembled
Viewing: 9:30 a.m.-4:30 p.m., Posters Available for Viewing
Author Present: 4:30 p.m.-6:30 p.m.,
Authors Present for Discussion and Questions
Dismantle Posters: 6:30 p.m.-7:30 p.m., Dismantle Posters

1. WATCHING THE FEARFUL BRAIN DURING ANTICIPATION OF HYPERVENTILATION
Katharina Holtz, Christiane A. Melzig, Norbert Hosten, and Alfons O. Hamm, University of Greifswald
2. AWARENESS IN TRACE AND DELAY FEAR CONDITIONING
Thomas C. Schaer, Almut I. Weike, and Alfons O. Hamm, University of Greifswald
3. THE KALEIDOSCOPE OF AFFECTIVE SPACE: PSYCHOPHYSIOLOGICAL RESPONSE PATTERNS AND FMRI ACTIVITY TO PICTURE CONTENTS
Katrin R. Scharpf, Almut I. Weike, Julia Wendt, Norbert Hosten, and Alfons O. Hamm, University of Greifswald
4. THE SHORT-TERM EFFECT OF ANTIPSYCHOTIC MEDICATION ON ATTENTIONAL FUNCTIONING IN SCHIZOPHRENIA
Almut I. Weike, Theresa Wolf, Matthias Vogel, Bertram Moeller, Harald J. Freyberger, and Alfons O. Hamm, University of Greifswald
5. QUALITATIVE DIFFERENCES IN N400 BETWEEN HIGH-CLOZE IDIOMS AND LITERAL SENTENCES
Sabrina T. Wiebe, Marie-Eve Rivard, Karsten Steinhauer, and Debra A. Titone, McGill University
6. EYE MOVEMENTS, ATTENTION, AND THE CEREBELLUM IN AUTISM
Sara Jane Webb¹, Rebecca Groen¹, Geraldine Dawson¹, Steve Dager¹, Avery Weiss², and James Phillips¹
¹University of Washington, ²Seattle Children's Hospital and Regional Medical Center
7. MUSCARINIC RECEPTOR SUBTYPE M4 IN SIGNAL TRANSDUCTION AND MEMORY CONSOLIDATION
Gonzalo Sánchez¹, Carlos Blanco¹, Natalia Colletis¹, Jorge Quillfeldt², Diana Jerusalinsky¹, and Edgar Kornisiuk¹
¹University of Buenos Aires, ²Federal University of Rio Grande do Sul
8. VALIDATING MODIFICATIONS TO THE SENSORY GATING ERP PARADIGM
Wen-Pin Chang, William J. Gavin, and Patricia L. Davies, Colorado State University
9. MANIPULATION OF ATTENTION IN THE SENSORY GATING ERP PARADIGM
William J. Gavin, Wen-Pin Chang, and Patricia L. Davies, Colorado State University
10. AGE-RELATED DIFFERENCES IN ACTIVATION OF THE PREFRONTAL CORTEX IN RESPONSE TO MODULATION OF LEVELS OF CONFLICT
Ruchika Wadhwa, Kirk I. Erickson, Stan J. Colcombe, Jennifer S. Kim, and Arthur F. Kramer, University of Illinois-Urbana-Champaign
11. OCULOMOTOR MEASURES OF READING REVEAL DECEPTION IN A MOCK-CRIME EXPERIMENT
Andrea K. Webb¹, Sean D. Kristjansson², Dahvyn Osher⁴, Anne E. Cook¹, John C. Kircher¹, Douglas J. Hacker¹, and Dan J. Woltz¹
¹University of Utah, ²Washington University
12. NEURAL PROCESSES IN RACIAL CATEGORIZATION AND INDIVIDUATION
Heather M. Coulter, and Tiffany A. Ito, University of Colorado-Boulder
13. THE INDEPENDENT PROCESSING OF RACE AND EMOTION CUES WHEN PERCEIVING FACES
Jennifer T. Kubota, and Tiffany A. Ito, University of Colorado-Boulder
14. ATTENTIONAL MODIFICATION OF PREPULSE INHIBITION OF STARTLE: BETTER LATE THAN NEVER
Rebecca L. Ashare, Brian P. Gangloff, Rebecca J. Mazzullo, and Larry W. Hawk, The University at Buffalo
15. HEART RATE VARIABILITY AS A PREDICTOR OF EMOTIONAL REGULATION
Izabela Mocaiber¹, Leticia Oliveira², Mirtes Pereira², Fatima Erthal¹, Walter Machado-Pinheiro², Ivan Figueira¹, and Eliane Volchan¹
¹Federal University of Rio de Janeiro, ²Fluminense Federal University
16. EARLY INFANT DIET: EFFECTS ON RESTING CARDIOVASCULAR ACTIVITY DURING THE FIRST HALF-YEAR OF LIFE
R.T. Pivik^{1,2,3}, H. Jing^{1,2}, J.M. Gilchrist^{1,4}, and T.M. Badger^{1,2}
¹Arkansas Children's Nutrition Center, ²University of Arkansas for Medical Sciences, ³University of Arkansas-Little Rock, ⁴USDA/ARS

17. HE CORRESPONDENCE BETWEEN PROBLEM BEHAVIOR AND CARDIAC MEASURES DURING CLASSROOM BASED FUNCTIONAL BEHAVIORAL ANALYSES
John Hoch¹, Fumio Someki¹, Tim Moore¹, Jennifer McComas¹, Mika Tarvainen², and Frank Symons¹
¹University of Minnesota, ²University of Kuopio, Finland
18. EXAMINING THE ROLE OF INDIVIDUAL DIFFERENCES FOR THE PHYSIOLOGICAL CORRELATES OF DECISION MAKING: AN APPLICATION OF A TWO-LEVEL STRUCTURAL EQUATIONS MODEL
Remi Desmeules¹, Antoine Bechara², and Laurette Dube¹
¹McGill University, ²University of Southern California
19. EVENT-RELATED POTENTIALS IN A LATERALIZED TACTILE GO/NOGO TASK: EVIDENCE OF GENDER DIFFERENCES
Rene J. Huster, Arne Wittling, Rene Westerhausen, Elisabeth Schweiger, and Werner Wittling, University of Trier
20. COMPARISON OF VISUAL VS. OLFACTORY DISTRACTIONS ON PAIN THRESHOLD AND TOLERANCE
Robert Bayley, Lindsay Coyne, Peter D'Amore, Daniel Felbaum, Katie Repicky, and Bryan Raudenbush, Wheeling Jesuit University
21. GENDER STEREOTYPED DISTRACTIONS DIFFERENTIALLY INFLUENCE PAIN PERCEPTION AND TOLERANCE IN MALES AND FEMALES
Kara Blacker, Rosanna Drake, and Bryan Raudenbush, Wheeling Jesuit University
22. ROLE OF THE FRONTAL P200 IN ENGAGING CORTICAL PROCESSES OF RESPONSE REGULATION
Polina V. Potanina, and Amodio M. David, New York University
23. EFFECTS OF EMOTIONAL AROUSAL ON THE CONCEALED INFORMATION TEST (CIT): A STUDY BY EVENT RELATED POTENTIAL AND AUTONOMIC INDICES
Akemi Osugi, and Hideki Ohira, Nagoya University
24. CONTINGENT NEGATIVE VARIATION AS AN INDICATOR OF AFFECTIVE PROCESSING IN MOOD DISORDERS
Melynda D. Casement¹, Avgusta Y. Shestyuk², Jennifer L. Best³, Brooks R. Casas², and Patricia J. Deldin¹
¹University of Michigan, ²Harvard University, ³Duke University
25. EMOTION-MODULATED RESPONSE MONITORING IN SCHIZOPHRENIA
Pearl Chiu¹, and Patricia Deldin²
¹Harvard University, ²University of Michigan-Ann Arbor
26. TRAIT AND STATE ABNORMALITIES IN AUTOMATIC AND STRATEGIC PROCESSING DURING SELF-REFERENTIAL ENCODING IN MAJOR DEPRESSION
Avgusta Y. Shestyuk¹, and Patricia J. Deldin²
¹Harvard University, ²University of Michigan-Ann Arbor
27. ELECTROPHYSIOLOGICAL RESPONSE TO FOOD STIMULI WITH DIFFERENT NUTRIENT CONTENT
Isabel Santos¹, Patricia Ferreira¹, Jorge Oliveira¹, Américo Baptista¹, Isabel Fonseca², Susana Pereira¹, and Ana Valente¹
¹Lusofona University, ²Classical Lisbon University
28. SPECTRAL ANALYSIS OF EEG IN PERSONALITY DISORDER SUBJECTS
Ana Agustina Calzada Reyes¹, and Alfredo Alvarez Amador²
¹Legal Medicine Institute of Cuba, ²Neuroscience Center of Cuba
29. LOOKING FOR EMOTIONAL INTERFERENCE IN A STROOP-LIKE PARADIGM: BEHAVIORAL AND EVENT-RELATED POTENTIAL (ERP) FINDINGS
Nathan A. Gates^{1,2}, Jürgen Kayser¹, and Craig E. Tenke³
¹New York State Psychiatric Institute, ²Queens College at the City University of New York, ³New York State Psychiatric Institute
30. ELECTRICAL DISTANCE AS A REFERENCE-FREE MEASURE FOR IDENTIFYING ARTIFACTS IN MULTICHANNEL ELECTROENCEPHALOGRAPH (EEG) RECORDINGS
Jürgen Kayser, and Craig E. Tenke, New York State Psychiatric Institute
31. BRAIN RESPONSES TO NOVEL SOUNDS IN DEPRESSION: AN ERP STUDY
Chris J. Kroppmann, Craig E. Tenke, Jürgen Kayser, James P. Sedoruk, Carlye B. Griggs, Jonathan W. Stewart, and Gerard E. Bruder, New York State Psychiatric Institute
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Fumihito Morimoto, and Akihiro Yagi, Kwansai Gakuin University
33. ACCELERATORS VS. DECELERATORS: CARDIAC DEFENSE RESPONSE PREDICTS LEARNED FEAR
Raúl López, María Carmen Pastor, Rosario Poy, Susana Montañés, María Pilar Tormo, Esteban Martín, Pilar Segarra, and Javier Moltó, Jaume I University
34. PERCENTAGE OF CARBOXYHAEMOGLOBIN IN SMOKERS: ATTENTIONAL BIASES FOR SMOKING CUES
Esteban Martín, Rosario Poy, Susana Montañés, María Carmen Pastor, Pilar Segarra, María Pilar Tormo, Raúl López, and Javier Moltó, Jaume I University
35. DEFENSIVE REACTIONS TO NATURAL HUMAN SCREAMS AND AVERSIVE WHITE NOISE (II)
Pedro M. Guerra¹, Margaret Bradley², Pandelis Perakakis¹, Walter M. Pinheiro³, Jaime C. Vila¹, and Peter Lang²
¹University of Granada, ²University of Florida, ³University of Rio de Janeiro
36. REDUCED PPI DURING STRESS IN PTSD
Patricia M. White, Lorraine P. Stewart, Angela Kelley, Bill T. Troyer, and Sarah Erslev, University of Oregon
37. AN EVENT-RELATED POTENTIAL STUDY OF CATEGORY MEMBERSHIP VERIFICATION IN SCHIZOPHRENIA
Michael Kiang, Marta Kutas, Gregory A. Light, and David L. Braff, University of California-San Diego
38. BRAIN FINGERPRINTING IN FIELD CONDITIONS
Lawrence A. Farwell¹, Drew C. Richardson^{2,3}, and Rene S. Hernandez^{4,5}
¹Brain Fingerprinting Laboratories, Inc., ²Federal Bureau of Investigation Laboratory, ³Brain Fingerprinting Laboratories, Inc., ⁴US Navy, Naval Medical Research Institute, ⁵Uniformed Services University of the Health Sciences
39. A WHOLE-CORTEX MEG STUDY OF FACE PROCESSING IN HEALTHY ADULTS
Jennifer N. Barrie¹, Anthony Herdman², James Tanaka³, and Mario Liotti¹
¹Simon Fraser University, ²Thompson Rivers University, ³University of Victoria
40. A HIGH-DENSITY ERP STUDY OF THE EMOTIONAL STROOP TASK IN HEALTHY VOLUNTEERS
Fern Jaspers-Fayer, and Mario Liotti, Simon Fraser University

41. NEUROTICISM AND HEART RATE VARIABILITY IN RESPONSE TO EMOTION ELICITATION
Bruce H. Friedman, Kristina L. Blough, and Chad S. Stephens, Virginia Polytechnic Institute and State University
42. MONOAMINE OXIDASE (MAO) ACTIVITY AND SENSORY GATING IN FEMALE TEENAGE SMOKERS
Li Wan, Bruce H. Friedman, and Helen J. Crawford, Virginia Polytechnic Institute and State University
43. WORKING MEMORY CAPACITY AND AGE DIFFERENCES IN THE ANTISACCADE TASK: AN EROS STUDY
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44. THE EFFECTS OF CARDIOVASCULAR FITNESS IN OLDER ADULTS ON A STERNBERG MEMORY SEARCH PARADIGM: AN FMRI STUDY
Brian A. Gordon¹, Nils Schneider², Carrie Brumback³, Elena Rykhlevskaia³, Paige Scalp³, Shawna Doerkson³, Katherine Morris³, Eddie McAuley³, Gabriele Gratton³, and Monica Fabiani³
¹University of Illinois-Urbana-Champaign, ²University of Konstanz, ³University of Illinois
45. SPATIOTEMPORAL DYNAMICS OF GLOBAL/LOCAL PROCESSING: AN EVENT-RELATED OPTICAL IMAGING STUDY
Echo E. Leaver¹, Kathy A. Low¹, Colleen Jackson¹, Monica Fabiani², and Gabriele Gratton²
¹University of Illinois-Urbana-Champaign, ²University of Illinois, Urbana-Champaign
46. EXPLORING THE SPATIOTEMPORAL DYNAMICS OF BRAIN REGIONS INVOLVED IN TASK PREPARATION: A SYNTHESIS OF FOUR FAST EVENT-RELATED OPTICAL IMAGING STUDIES
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47. AGE-RELATED CHANGES IN FRONTAL AND PARIETAL INTERHEMISPHERIC CONNECTIVITY REVEALED BY DIFFUSION TENSOR IMAGING
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48. PERCEIVING MULTIPLE ITEMS AT ONCE: EFFECTS OF WHAT AND HOW
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50. PSYCHOPATHIC TRAITS AND AUTONOMIC RESPONSES TO EMOTIONAL STIMULI
Takahiro Osumi¹, Hiroshi Shimazaki², Akira Imai², and Yoshinori Sugiura²
¹Nagoya University, ²Shinshu University
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Shelley E. Edwards¹, Daniel E. Everhart¹, Heath A. Demaree², and David W. Harrison³
¹East Carolina University, ²Case Western Reserve University, ³Virginia Polytechnic Institute and State University
53. AMYGDALA RESPONSE TO SUPRALIMINAL AND SUB-LIMINAL PRESENTATIONS OF FACIAL EXPRESSIONS IN PATIENTS WITH BORDERLINE PERSONALITY DISORDER
Nathalie Vizueta, S. Charles Schulz, Michael P. Rafferty, Ann S. Romine, and Kathleen M. Thomas, University of Minnesota
54. EVENT-RELATED POTENTIAL INVESTIGATION OF VISUAL OBJECT CATEGORIZATION AND MEMORY
Stephen M. Maher, and Haline E. Schendan, Tufts University
55. VAGAL SUPPRESSION AND PARENTING STYLES PREDICT EMOTIONALITY IN PRESCHOOL
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56. OTHER-ORIENTED PROSOCIAL EMOTIONS AND VAGAL RESPONSE
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Lea Hoefel, and Thomas Jacobsen, University of Leipzig
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59. TOP-DOWN INFLUENCES ON BI-STABLE PERCEPTIONS REVEALED BY ERPS
Michael A. Pitts, William J. Gavin, Deana B. Davalos, and Janice L. Nerger, Colorado State University
60. WHAT TELL MEG-SIGNALS ABOUT THE ENCODING OF MOVEMENT DIRECTION IN HUMAN?
Stephan Waldert¹, Carsten Mehring², Ad Aersten², Hubert Preissl¹, and Niels Birbaumer¹
¹University of Tuebingen, ²University of Freiburg
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Dee A. Nikjeh, Jennifer J. Lister, and Stefan A. Frisch, University of South Florida
62. AGE DIFFERENCES IN SELF-REPORT AND PHYSIOLOGICAL RESPONSES TO EMOTIONAL IMAGES OF VARIED CONTENT
Marisa Menchola¹, Alfred W. Kaszniak¹, and Keith W. Burton²
¹University of Arizona, ²University of Illinois-Springfield
63. FRONTAL N2, RESPONSE INHIBITION AND PSYCHOPATHY
Gillian E. Munro¹, Jane Dywan², Sidney J. Segalowitz², Grant T. Harris³, Shari McKee³, and Ayse Unsal⁴
¹University of Waterloo, ²Brock University, ³Oakridge Division of the Mental Health Centre, ⁴McMaster University

64. YOU MAY RESPOND WHEN SLEEPY BUT YOUR FRONTAL LOBE MAY NOT: THE EFFECT OF SLEEP DEPRIVATION AND INCENTIVE ON THE CONTINGENT NEGATIVE VARIATION
Timothy I. Murphy¹, Michael J. Coons², and Sidney J. Segalowitz¹
¹Brock University, ²University of Waterloo
65. POOR ERROR MONITORING RESPONSE IS RELATED TO LACK OF EMPATHY
Diane L. Santesso, and Sidney J. Segalowitz, Brock University
66. A LACK OF INHIBITORY COMPONENTS IN THE NOGO N2 AND THE ERN
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67. PICTURING KNOWLEDGE: ERPS REVEAL THE ACQUISITION AND RETRIEVAL OF INFORMATION ABOUT NOVEL OBJECTS
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68. ACRONYMS REVEAL THE EFFECTS OF FAMILIARITY AND REGULARITY ON THE N400 ERP COMPONENT
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69. MEANING SELECTION IN THE CEREBRAL HEMISPHERES
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70. AN INVESTIGATION OF THE TIMECOURSE OF SENTENTIAL CONTEXT USE BY THE CEREBRAL HEMISPHERES
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Delia K. Kothmann¹, Geoffrey F. Potts², Steve Pliszka³, Mario Liotti⁴, and Ricardo Perez³
¹UTHSCSA RIC, ²Rice University, ³UTHSCSA, ⁴Simon Fraser University
73. DISRUPTION OF AUDITORY AND VISUAL ATTENTION IN SCHIZOPHRENIA
Susan M. Wood¹, Geoffrey F. Potts¹, Laura E. Martin¹, Delia Kothmann¹, Jennie F. Hall², and Jocelyn B. Ulanday²
¹Rice University, ²Michael E. DeBakey VAMC
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Bjørn Sætrevik¹, Tom Eichele¹, Matthias Moosmann¹, Norbye Helge¹, and Kenneth Hugdahl^{1,2}
¹University of Bergen, ²Haukeland University Hospital
75. REDUCED NOVELTY-P3 ASSOCIATED WITH INCREASED BEHAVIORAL DISTRACTIBILITY IN SCHIZOPHRENIA
Miriam Cortiñas¹, Maria J. Corral¹, Gemma Garrido², Maite Garolera², Marta Pajares², and Carles Escera¹
¹University of Barcelona, ²Hospital of Terrassa
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85. USING STARTLE MODIFICATION AND DOT PROBE REACTION TIME TO ASSESS PROCESSING BIASES AMONG INTERPERSONAL VIOLENCE SURVIVORS
Joel Ellwanger¹, and Christine D. Scher²
¹California State University-Los Angeles, ²California State University-San Bernardino
86. ATTACKING ANIMALS, LEERING AUDIENCES, AND THE PSYCHOPHYSIOLOGY OF SOCIAL PHOBIA
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87. WHO SHOWS ANGER WHEN PLAYING A VIDEO GAME? THE INFLUENCE OF COLLECTIVISM ON FACIAL EXPRESSIONS IN A CONFLICT SITUATION
Nathalie G. Lanctot, Audree Tremblay, and Ursula Hess, University of Quebec-Montreal
88. WIGGLING YOUR EARS TO SMILES? EMOTIONAL MODULATION OF THE POST-AURICULAR AND EYE-BLINK STARTLE RESPONSE TO FACIAL EXPRESSIONS
Gabrielle Sabourin, and Ursula Hess, University of Quebec-Montreal

89. FUNCTIONAL NETWORKS IN EPISODIC MEMORY RETRIEVAL
Denise Doerfel¹, Annett Werner¹, Ruediger von Kummer¹, Michael Schaefer², and Anke Karl³
¹University of Technology Dresden, ²National Institute of Neurological Disorders and Stroke, ³University of Southampton
90. META-ANALYTIC REVIEW OF STRUCTURAL BRAIN ABNORMALITIES IN PTSD
Anke Karl¹, Michael Schaefer², Loretta S. Malta³, Denise Dorfel⁴, Nicolas Rohleder⁴, and Annett Werner⁵
¹University of Southampton, ²National Institutes of Health, ³Weill Medical College, ⁴University of Technology-Dresden, ⁵University Hospitals-Dresden
91. EMOTION REACTIVITY IN WOMEN WITH RESTRICTIVE EATING PATHOLOGY
Eva M. Epstein, and Denise M. Sloan, Temple University
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93. EMOTIONAL MODULATION OF ANTERIOR, SUPERIOR, AND POSTAURICULAR REFLEXES
Stephen D. Benning¹, and Christopher J. Patrick²
¹Vanderbilt University, ²University of Minnesota-Twin Cities
94. THE DEMAND-WITHDRAW INTERACTION PATTERN AND PHYSIOLOGICAL AROUSAL
Sarah R. Holley, and Robert W. Levenson, University of California-Berkeley
95. VOLUNTARY AND INVOLUNTARY ATTENTION TO FACIAL STIMULI IN SOCIAL ANXIETY
Matthias J. Wieser, Andreas Muehlberger, Peter Weyers, Georg W. Alpers, and Paul Pauli, University of Wuerzburg
96. TEMPERAMENT AND CHARACTER CORRELATES OF THE STARTLE REFLEX
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98. DO NEUROPSYCHOLOGICAL TESTS OF EXECUTIVE FUNCTIONS PREDICT ABILITY TO DOWN-REGULATE EMOTION?
Anett Gyurak, Madeleine S. Goodkind, and Robert W. Levenson, University of California-Berkeley
99. OBJECTIVE SLEEP QUALITY AND SUBJECTIVE EMOTIONAL EXPERIENCE IN INDIVIDUALS WITH PRIOR TRAUMA EXPOSURE
Nicole A. Roberts¹, Nnamdi Pole², Maryann Lenoci³, Rachel C. Manos⁴, Thomas Metzler⁴, Charles R. Marmar⁴, and Thomas C. Neylan⁴
¹University of Wisconsin-Milwaukee, ²University of Michigan, ³San Francisco Veterans Affairs Medical Center, ⁴University of California-San Francisco
100. RESTING HEART RATE AND AUTONOMIC CARDIAC CONTROL IN DEPRESSED ADOLESCENTS
Michelle Byrne¹, Julian G. Simmons¹, Lisa Sheeber², Betsy Davis², Joann Wu Shortt³, Lyn Fainsilber-Katz⁴, and Nicholas B. Allen¹
¹University of Melbourne, ²Oregon Research Institute, ³Oregon Social Learning Centre, ⁴University of Washington
101. TEMPERAMENT AND PSYCHOPHYSIOLOGICAL INDICES OF AFFECTIVE RESPONSIVITY AND REGULATION IN EARLY ADOLESCENTS
Julian G. Simmons, Nina S. Cook, Kylie Altson, Laurie O'Brien-Simpson, Yvonne Groot, and Nicholas B. Allen, University of Melbourne
102. THE NEUROANATOMICAL BASIS OF TEMPERAMENT IN EARLY ADOLESCENTS
Sarah L. Whittle, Anna Barrett, Murat Yücel, Stephen Wood, Dan I. Lubman, Julian G. Simmons, and Nicholas B. Allen, University of Melbourne
103. CORTISOL AND CARDIOVASCULAR RESPONSES TO PSYCHOLOGICAL STRESS: VULNERABILITY AND INDIVIDUAL DIFFERENCES
Ana C.F. Mendonça-de-Souza, Gabriela G.L. Souza, Andre Vieira, Eduardo M. Barros, Nastassja L. Fischer, Ivan L.V. Figueira, Vivian Rumjanek, and Eliane Volchan, Federal University of Rio de Janeiro
104. INDIVIDUAL DIFFERENCES IN THE TIME COURSE OF HEART DECELERATION TO PICTURES OF MUTILATION
Pedro P. Pereira-Junior¹, Laura A. Oliveira¹, Leticia de Oliveira², and Eliane Volchan¹
¹Federal University of Rio de Janeiro, ²Federal Fluminense University
105. ASSYMMETRIC ARM MUSCLE REPRESENTATION IN THE PRIMARY MOTOR CORTEX (M1) AFTER A BILATERAL HAND ALLOGRAFT
Erika C. Rodrigues¹, Claudia D. Vargas¹, Antoine Aballea², Catherine Mercier², Jean Michel Dubernard³, and Angela Sirigu²
¹Federal University of Rio de Janeiro, ²Institute of Cognitive Sciences, ³Edouard Herriot Hospital
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