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**Andrei C. Miu**  
Curriculum Vitae  
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Laboratorul de Neuroștiințe Cognitive  
Departamentul de Psihologie  
Facultatea de Psihologie și Științe ale Educației  
Universitatea Babeș-Bolyai din Cluj-Napoca

E-mail: [andreimiu@psychology.ro](mailto:andreimiu@psychology.ro); [andreimiu@gmail.com](mailto:andreimiu@gmail.com)  
Website: <http://cognitive-neuroscience.ro/>

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**Data nașterii**

29.06.1980

**Poziții profesionale**

Fondator și director al Laboratorului de Neuroștiințe Cognitive, Departamentul de Psihologie, Universitatea Babeș-Bolyai din Cluj-Napoca, 2007-prezent

Conducător de doctorat în cadrul Școlii Doctorale „Psihologie Cognitivă Aplicată”, Facultatea de Psihologie și Științe ale Educației, Universitatea Babeș-Bolyai din Cluj-Napoca, 2013-prezent

Directorul Școlii Doctorale „Psihologie Cognitivă Aplicată”, Facultatea de Psihologie și Științe ale Educației, Universitatea Babeș-Bolyai din Cluj-Napoca, 2017-prezent

Profesor universitar, Departamentul de Psihologie, Universitatea Babeș-Bolyai din Cluj-Napoca, 2015-prezent

Conferențiar universitar, Departamentul de Psihologie, Universitatea Babeș-Bolyai din Cluj-Napoca, 2012-2015

Lector universitar, Departamentul de Psihologie, Universitatea Babeș-Bolyai din Cluj-Napoca, 2007-2012

Visiting Research Fellow, Stanford Psychophysiology Laboratory, Department of Psychology, Stanford University, SUA, 2009-2010

Asistent universitar, Departamentul de Psihologie, Universitatea Babeș-Bolyai din Cluj-Napoca, 2006-2007

## **Educație**

Abilitare în Psihologie, Facultatea de Psihologie și Științe ale Educației, Universitatea Babeș-Bolyai din Cluj-Napoca, 2013

Doctor în Psihologie (*Summa cum Laude*), Catedra de Psihologie, Universitatea Babeș-Bolyai din Cluj-Napoca, 2007

Master în Medicină Moleculară și Neuroștiințe, Universitatea de Medicină și Farmacie Iuliu Hațieganu din Cluj-Napoca, 2005

Licența în Psihologie (Șef de Promoție), Universitatea Babeș-Bolyai din Cluj-Napoca, 2003

## **Cursuri de specializare**

John Merck Summer Institute on the Biology of Developmental Disorders, Sackler Institute for Developmental Psychobiology, Weill-Cornell Medical College, SUA, 2006

Development and Plasticity of the Human Cerebral Cortex, IBRO/FENS și Croatian Institute for Brain Research, Zadar/Zagreb, Croația, 2005

8<sup>th</sup> Summer School of Cognitive Science, Central and Eastern European Center of Cognitive Science, Sofia, Bulgaria, 2001

Școala de vară „Development and Cognition”, Universitatea Babeș-Bolyai, Romania, 2000

## **Premii și burse**

Premiul I, Tineri Cercetători în Știință și Inginerie, Cluj-Napoca, 2015

“Profesor Bologna”, Alianța Națională a Organizațiilor Studentești din România, 2012

Reg and Molly Buck Postdoctoral Award, Society for Education, Music, and Psychology Research (SEMPRE), Marea Britanie, 2011

Arnold Bentley Award for New Initiatives, Society for Education, Music, and Psychology Research (SEMPRE), Marea Britanie, 2010

Premiul Special, secțiunea “Cercetătorul Anului”, Gala Premiilor in Educație, Fundația Dinu Patriciu, 2009

Fulbright Senior Postdoctoral Award, Romanian-US Fulbright Commission, 2009

Bursier al Fritz Thyssen Stiftung la 17<sup>th</sup> Lindau Meeting of Nobel Scientists, Lindau, Germania, 2007

Bursier al Sackler Institute for Developmental Psychobiology, Weill Medical College, la John Merck Summer Institute on the Biology of Developmental Disorders, Princeton, SUA, 2006

Bursier al International Brain Research Organization și Federation of European Neuroscience Society la cursurile „Development and Plasticity of the Human Cerebral Cortex”, Croatian Institute for Brain Research, Zadar/Zagreb, Croația, 2005

Bursier al International Brain Research Organization la 4th FENS Forum of Neuroscience, Lisabona, Portugalia, 2004

"Cea mai bună carte a anului" (categoria Biologie) din partea Asociației Editorilor din România (pentru cartea "Neuroștiințe. Dezvoltarea sistemului nervos", Editura Dacia), 2003

Bursă de Performanță Științifică, Universitatea Babeș-Bolyai din Cluj-Napoca, 2003

Bursă de Performanță Științifică, Universitatea Babeș-Bolyai din Cluj-Napoca, 2002

Bursier al Central and Eastern European Center of Cognitive Science la 8th Summer School of Cognitive Science, Sofia, Bulgaria, 2001

### **Societăți profesionale**

Membru în Consiliul Director, Societatea Națională de Neuroștiințe, 2012-2016

National Representative in the Governing Council, International Brain Research Organization, din partea Societății Naționale de Neuroștiințe, 2009-2013

Vicepreședinte, Societatea Națională de Neuroștiințe, 2008-2012

Federation of European Neuroscience Societies (Membru afiliat), 2005-prezent

International Brain Research Organization (Membru), 2004-prezent

International Society for Research on Emotion (Membru), 2019-prezent

International Society for Psychoneuroendocrinology (Membru), 2019-prezent

### **Rețele europene de cercetare**

“Enhancing the scientific study of early autism”, COST Action BM1004, European Science Foundation (Membru)

Expert ANCS în cadrul programului ERA-NET Neuron

### **Poziții administrative**

Membru în Senatul Universității Babeș-Bolyai, 2012-prezent

Vicepreședinte (2016-prezent) și Membru (2012-prezent) în Comisia Cercetării Științifice și a Competitivității, Universitatea Babeș-Bolyai

Membru în Consiliul Profesorat, 2010-2012 și 2016-prezent, Facultatea de Psihologie și Științe ale Educației, Universitatea Babeș-Bolyai

### **Activitate editorială**

Consulting Editor, *Emotion*, American Psychological Association (APA), SUA, 2013-2017

Review Editor, *Frontiers in Aging Neuroscience*, 2016-prezent

Editorial Board, *ScienceMatters*, SUA

Senior Editor, *Journal of Alzheimer's Disease*, IOS Press, Olanda, 2007-2008

Editor, *Translational Neuroscience*, De Gruyter, 2009-prezent

Membru în Editorial Board, *International Journal of Clinical and Experimental Medicine*, e-Century Publishing, 2009-prezent

Membru al Editorial Advisory Board, *Open Behavioral Science Journal*, Bentham Science Publishers, SUA, 2007-prezent

Membru al Comitetului Editorial, *Cognition, Brain, Behavior: An Interdisciplinary Journal*, Asociația de Științe Cognitive din România, 2005-prezent

Elected to Associate, *Behavioral and Brain Sciences*, Cambridge University Press, SUA, 2004-prezent

Associate Editor, *Journal of Alzheimer's Disease*, IOS Press, Olanda, 2003-2009

## Recenzor ad-hoc

Reviste: *Journal of Experimental Psychology: General; Cognitive, Affective, & Behavioral Neuroscience; International Journal of Psychophysiology; Cognitive Processing; Research in Autism Developmental Disorders; Journal of Autism and Developmental Disorders; Advances in Pharmacological Sciences; Journal of Psychophysiology; IEEE Transactions in Affective Computing; Brain and Cognition; Cognition and Emotion; Biological Psychology; Psychiatry Research; Neuroscience Letters; International Journal of Developmental Neuroscience; Journal of Alzheimer's Disease; Neuropathology and Applied Neurobiology; Journal of Cognitive Neuroscience; Neuropsychologia; Journal of Inorganic Biochemistry; Medical Science Monitor; Journal of the Society for Integrative Oncology; Cognition, Brain, Behavior: An Interdisciplinary Journal; Basic Research Journal of Education Research and Review; Frontiers in Psychology; Behaviour Research and Therapy; PLOS One; Social Psychology; Social Cognition; Psychoneuroendocrinology etc.*

Granturi Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO; Australian Research Council; French National Institute for Agricultural Research (INRA); Czech Science Foundation; Israel Science Foundation; Deutsche Forschungsgemeinschaft, German Research Foundation; Institut Universitaire de France; Fulbright; University of Pisa; Polish National Science Centre; European Research Council; CNCS-UEFISCDI

## Granturi de cercetare

Grant PCE, UEFISCDI: "Susceptibilitatea diferentia la inainte de nastere: Moderatori genetici ai afectivitatii materne prenatale asupra reactivitatii la stres si temperamentului la sugari", 2017-2019. Director: A. C. Miu (849375 RON)

Grant PCE, UEFISCDI: "Attentional Bias Modification in Social Anxiety Disorder: Physiological Effects, Alternative Mechanisms of Change, and Genetic Moderation", 2012-2016. Director: A. C. Miu (1095024 RON)

Grant Discovery Project, Australian Research Council: "Cognitive mechanisms underlying readiness to acquire elevated anxious temperament", 2013-2016. Director: C. MacLeod. Coordonator UBB: A. C. Miu (285000 AUD)

Grant PD, UEFISCDI: "Genetic influences on stress reactivity: BDNF Val66Met polymorphism and the limbic-hypothalamic-pituitary-adrenal axis", 2013-2016. Director: A. Chiş. Mentor: A. C. Miu

Grant PCCE, UEFISCDI: “Genetic and environmental factors in emotion regulation development during adolescence: Implications for anxiety disorders and depression”, 2012-2016. Director: C. MacLeod. Director adj.: A. C. Miu (6085043 RON)

Grant PD, CNCSIS: “Interacțiuni emoție-cogniție în context social: O analiză multinivelară la frontiera psihofiziologiei experimentale și psihologiei genomice”, 2010-2012. Director: A. C. Miu (329659 RON)

Grant Buck, Society for Education, Music, and Psychology Research (SEMPRE): “Genetic influences on emotions induced by music: Exploring the association with the serotonin transporter gene”, 2011. Director: A. C. Miu (2700 GBP)

Grant TD, CNCSIS: „Corelate psihofiziologice ale efectelor emoției asupra memoriei și deciziei”, 2006-2007. Director: A. C. Miu (50000 RON)

Senior Postdoctoral Grant, Romania-US Fulbright Committee: “Neural correlates of self-regulation in decision making”, 2009-2010. Director: A. C. Miu (24450 USD)

Grant Bentley, Society for Education, Music, and Psychology Research: “A behavioral and physiological dissociation of singing-acting effects on emotions in operatic music”, 2010. Director: A. C. Miu (3000 GBP)

Grant Idei, CNCSIS: „Factorii critici în terapia mediată de calculator în anxietate”, 2009-2011. Director: M. Miclea (998500 RON)

Grant Idei, CNCSIS: „Traectorii de dezvoltare și corelate neurobiologice ale procesării cognitive și emoționale în populații tipice și atipice”, 2006-2008. Director: O. Benga (100000 RON)

Grant CEEEX, ANCS: „Perioade critice în dezvoltarea funcțiilor executive”, 2006-2008. Director: O. Benga (1000000 RON)

Grant CEEEX, ANCS: „Analiza neurocognitivă și dezvoltamentală a anxietății: Aplicații în optimizarea diagnosticului și terapiei”, 2006-2008. Director: M. Miclea (1000000 RON)

Grant A, CNCSIS: „Dezvoltarea Infrastructurii Laboratorului de Neuroștiințe Cognitive al Centrului de Psihologie Cognitivă Aplicată”, 2004-2005. Director: M. Miclea (4000 RON)

**Publicații (profil Google Scholar:**

**[https://scholar.google.ro/citations?user=\\_HY21FIAAAAJ&hl=en](https://scholar.google.ro/citations?user=_HY21FIAAAAJ&hl=en)**

### **Cărți**

1. A. C. Miu, J. R. Homberg, & K. P. Lesch (2019). *Genes, brain and emotions: Interdisciplinary and translational perspectives*. Oxford University Press, Oxford.
2. A. C. Miu (2014). *Cognitive, neurophysiological and genetic perspectives on emotions: Implications for social functioning and psychopathology*. Presa Universitară Clujeană, Cluj-Napoca, 150 pag.
3. A. C. Miu (2008). *Emoție și cogniție: lateralizare cerebrală, diferențe individuale și de gen*. Editura Asociației de Științe Cognitive din România, Cluj-Napoca, 204 pag.
4. A. C. Miu & A. I. Olteanu (2002). *Neuroștiințe – De la mecanisme moleculare și celulare la comportament și evoluție*. Vol. I: Dezvoltarea sistemului nervos. Editura Dacia, Cluj-Napoca, 231 pag.
5. A. Olteanu, V. Lupu, & A. Miu (2001). *Neurofiziologia comportamentului uman*. Presa Universitară Clujeană, Cluj-Napoca, 214 pag.

### **Editor invitat (numere speciale ale unor reviste)**

1. A. C. Miu & O. Benga (Eds.) (2006). Metals in Alzheimer's Disease. Număr special al revistei *Journal of Alzheimer's Disease*, IOS Press, Olanda. [Factor de impact: 3.745]
2. O. Benga & A. C. Miu (Eds.) (2005). Developmental cognitive neuroscience. Număr special al revistei *Cogniție, Creier, Comportament*, Editura ASCR, Cluj-Napoca, Romania.

### **Capitole în volume colective**

1. A. C. Miu, & M. I. Bîlc (2019). Genetics of emotion regulation: A systematic review. In A. C. Miu, J. R. Homberg, & K.-P. Lesch (Eds.): *Genes, brain and emotions: Interdisciplinary and translational perspectives*. Oxford University Press, Oxford.
2. R. M. Heilman, A. C. Miu, & D. Houser (2016). Emotion regulation and economic decision making: A systematic review. În: M. Reuter & C. Montag (Eds.): *Neuroeconomics*. Springer, Germania (pp 313-331).
3. A. C. Miu, & J. K. Vuoskoski (2015). The social side of music listening: Empathy and contagion in music-induced emotions. In C. E. Waddington, & E. King. (Eds.): *Music and empathy*. Ashgate Press, Londra.

4. A. C. Miu, & M. Bîlc (2015). Emoțiile și decizia în condiții de risc. În C. Hăvârneanu, & G. Havârneanu (Eds.): *Psihologia riscului: Aspecte teoretice și aplicative*. Polirom, Iași.
5. R. Szekely, & A. C. Miu (2015). Bridging cognition and emotion in moral behavior: The role of emotion regulation. In: *Handbook of Emotion Regulation: Processes, Cognitive Effects and Social Consequences* (sub tipar). Nova Science, New York.
6. L. Visu-Petra, L. Cheie, & A. C. Miu (2013). Working memory and anxiety: Exploring the interplay of individual differences across development. În T. P. Alloway, & R. G. Alloway (Eds.): *Working Memory: The New Intelligence* (pp. 209-238). Psychology Press (Taylor & Francis), SUA.
7. A. C. Miu & L. Visu-Petra (2009). Anxiety disorders in children and adults: A cognitive, neurophysiological and genetic characterization. În R. Carlstedt (Ed.): *Handbook of Integrative Clinical Psychology, Psychiatry and Behavioral Medicine: Perspectives, Practices and Research* (pp. 309-352). Springer, SUA.
8. A. C. Miu, M. Miclea, & D. Houser (2008). Anxiety and decision-making: Toward a neuroeconomics perspective. In D. Houser, K. McCabe (Eds.), *Neuroeconomics* (pp. 55-84). Emerald Insight Publishing, UK.
9. A. C. Miu, S. Pană, A. Matei, R. Szekely, A. Băbălai (2008). What is neuroscience? A century after Gheorghe Marinescu's *La Cellule Nerveuse*. În D. L. Dumitrașcu, C. Hoțoleanu (Red.): *Neurosciences. Clinical applications of recent knowledge* (pag. 10-40). Editura Medicală Universitară Iuliu Hațieganu, Cluj-Napoca.
10. A. C. Miu & R. Vulturar (2008). Psychophysiology of anxiety: from genes to behavior. În D. L. Dumitrașcu, C. Hoțoleanu (Red.): *Neurosciences. Clinical applications of recent knowledge* (pag. 48-76). Editura Medicală Universitară Iuliu Hațieganu, Cluj-Napoca.
11. O. Benga, L. Petra, & A. Miu (2005). Corelate electrofiziologice ale dezvoltării tipice și atipice. Perspectiva neuroștiințelor cognitive ale dezvoltării. În L. Zăgrea (Ed.): *Neuroelectrofiziologie clinica* (pp. 381-418). Editura Universității de Medicină și Farmacie Carol Davila, București.
12. A. C. Miu, A. Opre, M. Birt, V. Țibre, & A. I. Olteanu (2003). An interhemispheric paradigm for assessing declarative memory deficits in Alzheimer's disease. A neuropsychological and structural imaging study. In: B. Kokinov, W. Hirst (Eds.), *Constructive Memory* (pp. 280-291). NBU Series in Cognitive Science, Bulgaria.



**Articole în reviste internaționale cu recenzori (ISI)**

1. Pițur, S., & Miu, A. C. (2020). Childhood maltreatment and expressive flexibility: specific effects of threat and deprivation? *Cognition and Emotion*, 1-8. Published online: 10.1080/02699931.2020.1795625
2. Szentágotai-Tătar, A., Nechita, D. M., & Miu, A. C. (2020). Shame in Anxiety and Obsessive-Compulsive Disorders. *Current Psychiatry Reports*, 22(4), 1-9.
3. Bîlc, M. I., Vulturar, R., Chiș, A., Buciuman, M., Nuțu, D., Bunea, I., Szentágotai-Tătar, A., & Miu, A. C. (2018). Childhood trauma and emotion regulation: The moderator role of BDNF Val66Met. *Neuroscience Letters* 685, 7-11.
4. Bunea, I. M., Szentágotai-Tătar, A., & Miu, A. C. (2017). Early-life adversity and cortisol response to social stress: a meta-analysis. *Translational Psychiatry*, 7(12), 1274.
5. Chiș, A., Vulturar, R., Andreica, S., Prodan, A., & Miu, A. C. (2017). Behavioral and cortisol responses to stress in newborn infants: Effects of mode of delivery. *Psychoneuroendocrinology*, 86, 203-208.
6. Miu, A. C., Bîlc, M. I., Bunea, I., & Szentágotai-Tătar, A. (2017). Childhood trauma and sensitivity to reward and punishment: Implications for depressive and anxiety symptoms. *Personality and Individual Differences*, 119, 134-140.
7. Kuhnen, C. M., & Miu, A. C. (2017). Socioeconomic status and learning from financial information. *Journal of Financial Economics*, 124(2), 349-372.
8. Miu, A. C., Cărnuț, M., Vulturar, R., Szekely-Copîndean, R. D., Bîlc, M. I., Chiș, A., Cioară, M., Fernandez, K. C., Szentágotai-Tătar, A., & Gross, J. J. (2017). BDNFVal66Met polymorphism moderates the link between child maltreatment and reappraisal ability. *Genes, Brain and Behavior* 16(4), 419-426.
9. Vălenaș, S. P., Szentágotai-Tătar, A., Grafton, B., Notebaert, L., Miu, A. C., & MacLeod, C. (2017). Prediction of pre-exam state anxiety from ruminative disposition: The mediating role of impaired attentional disengagement from negative information. *Behaviour Research and Therapy*, 91, 102-110.
10. Szentágotai-Tătar, A., & Miu, A. C. (2016). Individual Differences in Emotion Regulation, Childhood Trauma and Proneness to Shame and Guilt in Adolescence. *Plos One*, sub tipar.

11. Cheie, L., & Miu, A. C. (2016). Functional and dysfunctional beliefs in relation to adolescent health-related quality of life. *Personality and Individual Differences* 97, 173-177.
12. Kuhnen, M. C., & Miu, A. C. (2016). Socioeconomic status and learning from financial information. *Journal of Financial Economics*, sub tipar.
13. Vulturar, R., Chiş, A., Hambrich, M., Kelemen, B., Ungureanu, L., & Miu, A. C. (2016). Allelic Distribution of BDNF Val66Met Polymorphism in Healthy Romanian Volunteers. *Translational Neuroscience* 7, 31-34.
14. Miu, A. C., Pişur, S., & Szentágotai-Tătar, A. (2016). Aesthetic Emotions Across Arts: A Comparison Between Painting and Music. *Frontiers in Psychology* 6:1951. [Factor de impact: 2.6]
15. Crişan, L. G., Vulturar, R., Miclea, M., & Miu, A. C. (2016). Reactivity to social stress in subclinical social anxiety: Emotional experience, cognitive appraisals, behavior and physiology. *Frontiers in Psychiatry* 7:5.
16. Szentágotai-Tătar, A., Chiş, A., Vulturar, R., Dobrean, A., Căndea, D., & Miu, A. C. (2015). Shame and Guilt-Proneness in Adolescents: Gene-Environment Interactions. *PLoS ONE* 10(7): e0134716. [Factor de impact: 3.234]
17. R. Szekely, A. Opre, & A. C. Miu (2015). Religiosity enhances emotion and deontological choice in moral dilemmas. *Personality and Individual Differences* 79, 104–109. [Factor de impact: 1.861]
18. M. Cărnuţă, L. G. Crişan, R. Vulturar, A. Opre, & A. C. Miu (2015). Emotional non-acceptance links early life stress and blunted cortisol reactivity to social threat. *Psychoneuroendocrinology* 51, 176-187. [Factor de impact: 5.591]
19. R. Szekely, & A. C. Miu (2015). Incidental emotions in moral dilemmas: The influence of emotion regulation. *Cognition and Emotion* 29(1), 64-75. [Factor de impact: 2.52]
20. F. R. Balteş, & A. C. Miu (2014). Emotions during live music performance: Links with individual differences in empathy, visual imagery and mood. *Psychomusicology: Music, Mind, and Brain*, 24(1), 58-65.
21. A. C. Miu, R. Vulturar, A. Chiş, L. Ungureanu, & J. J. Gross (2013). Reappraisal as a mediator in the link between 5-HTTLPR and social anxiety symptoms. *Emotion* 13, 1012-1022. [Factor de impact: 3.875]

22. A. C. Miu, S. E. Pană, & J. Avram (2012). Emotional face processing in neurotypicals with autistic traits: Implications for the broad autism phenotype. *Psychiatry Research* 198, 489-494. [Factor de impact: 2.524]
23. R. Vulturar, A. Chis, L. Ungureanu, & A. C. Miu (2012). Respiratory sinus arrhythmia and serotonin transporter promoter gene polymorphisms: Taking a triallelic approach makes a difference. *Psychophysiology* 49, 1412-1416. [Factor de impact: 3.290]
24. A. C. Miu, R. Vulturar, A. Chis, & L. Ungureanu (2012). Attentional biases to threat and serotonin transporter gene promoter (5-HTTLPR) polymorphisms: Evidence from a probe discrimination task with endogenous cues. *Translational Neuroscience* 3, 160-166. [Factor de impact: 0.482]
25. A. C. Miu, L. G. Crișan, A. Chiș, L. Ungureanu, B. Drugă, & R. Vulturar (2012). Somatic markers mediate the effect of serotonin transporter gene polymorphisms on Iowa Gambling Task. *Genes, Brain and Behavior* 11, 398-403. [Factor de impact: 3.476]
26. A. C. Miu & F. R. Balteș (2012). Empathy manipulation impacts music-induced emotions: A psychophysiological study on opera. *PLoS ONE* 7, e30618. [Factor de impact: 4.092]
27. A. C. Miu & L. G. Crișan (2011). Cognitive reappraisal reduces the susceptibility to the framing effect in economic decision making. *Personality and Individual Differences* 51 (4), 478-482. [Factor de impact: 1.877]
28. F. R. Balteș, J. Avram, M. Miclea, & A. C. Miu (2011). Emotions induced by operatic music: Psychophysiological effects of music, plot, and acting. A scientist's tribute to Maria Callas. *Brain and Cognition* 76 (1), 146-157. [Factor de impact: 3.174]
29. J. Avram, F. R. Balteș, M. Miclea, & A. C. Miu (2010). Frontal EEG activation asymmetry reflects cognitive biases in anxiety: evidence from an emotional face Stroop task. *Applied Psychophysiology and Biofeedback* 35 (4), 285-92. [Factor de impact: 1.131]
30. R. M. Heilman, L. G. Crișan, D. Houser, M. Miclea, & A. C. Miu (2010). Emotion regulation and decision making under risk and uncertainty. *Emotion* 10(2), 257-265. [Factor de impact: 3.875]
31. A. Amagdei, F. R. Balteș, J. Avram, & A. C. Miu (2010). Perinatal exposure to music protect spatial memory against callosal lesions. *International Journal of Developmental Neuroscience* 28 (1), 105-109. [Factor de impact: 2.418]

32. L. G. Crișan, S. Pană, R. Vulturar, R. M. Heilman, R. Szekely, B. Drugă, N. Dragoș, & A. C. Miu (2009). Genetic contributions of the serotonin transporter to social learning of fear and economic decision making. *Social Cognitive and Affective Neuroscience* 4(4), 399-408. [Factor de impact: 6.132]
33. A. C. Miu, R. M. Heilman, & M. Miclea (2009). Reduced heart rate variability and vagal tone in anxiety: Trait versus state, and the effects of autogenic training. *Autonomic Neuroscience: Basic and Clinical* 145 (1-2), 99-103. [Factor de impact: 1.858]
34. A. C. Miu (2008). Genetic contributions to individual differences in emotion: A primer. *Reviews in the Neurosciences* 16 (9), 467-474. [Factor de impact: 2.413]
35. R. M. Heilman, A. C. Miu, & O. Benga (2009). Developmental and sex-related differences in preschoolers' affective decision-making. *Child Neuropsychology* 15(1), 73-84. [Factor de impact: 1.797]
36. A. C. Miu, R. M. Heilman, & D. Houser (2008). Anxiety impairs decision-making: Psychophysiological evidence from an Iowa Gambling Task. *Biological Psychology* 77, 353-358. [Factor de impact: 3.225]
37. A. C. Miu, R. M. Heilman, S. P. Pașca, C. Ștefan, F. Spănu, R. Vasiiu, A. I. Olteanu, & M. Miclea (2006). Behavioral effects of corpus callosum transection and environmental enrichment in adult rats. *Behavioural Brain Research* 172, 135-144. [Factor de impact: 3.417]
38. A. C. Miu & O. Benga (2006). Aluminium and Alzheimer's disease: A new look. *Journal of Alzheimer's Disease* 10(2-3), 179-201. [Factor de impact: 3.745]
39. A. C. Miu & O. Benga (2006). Metallotoxicity in Alzheimer's Disease. *Journal of Alzheimer's Disease* 10(2-3), 133. [Editorial] [Factor de impact: 3.745]
40. S. P. Pașca, B. Nemeș, L. Vlase, C. E. Gagy, E. Dronca, A. C. Miu, & M. Dronca (2005). High levels of homocysteine and low serum paraoxonase 1 arylesterase activity in children with autism. *Life Sciences* 78, 2244-2248. [Factor de impact: 2.527]
41. A. C. Miu, R. M. Heilman, A. Opre, & M. Miclea (2005). Emotion-induced retrograde amnesia and trait anxiety. *Journal of Experimental Psychology: Learning, Memory, and Cognition* 31, 1250-1257. [Factor de impact: 2.854]

42. A. C. Miu (2005). Asymmetrical behavior without an asymmetrical brain: Corpus callosum and neuroplasticity. *Behavioral and Brain Sciences* 28, 608-609. [Comentariu] [Factor de impact: 9.396]
43. A. C. Miu, A. I. Olteanu, I. Chis, & R. M. Heilman (2004). Have no fear, erythropoietin is here: Erythropoietin protects fear conditioning performances after functional inactivation of the amygdala. *Behavioural Brain Research* 155, 223-229. [Factor de impact: 3.417]
44. A. C. Miu, A. I. Olteanu, & M. Miclea (2003). A behavioral and ultrastructural dissection of the interaction of aluminium with aging. *Journal of Alzheimer's Disease* 6, 315-328. [Factor de impact: 3.745]
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50. A. Opre, A. C. Miu, & P. András (2005). Korsakoff's amnesia and its relation to development. *Cogniție, Creier, Comportament* 9, 451-474.
51. O. Benga & A. C. Miu (2005). Integrative neuroscience: The Special Case of development. *Cogniție, Creier, Comportament* 9, 191-192. [Editorial]

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55. A. C. Miu, R. M. Heilman, R. A. Anton, C. Indrei, Ș. Braica, T. Krizsan, V. Țibre, & A. I. Olteanu (2003). A physiological and personological account of sympathovagal balance in controlled anxiety and relaxation. *Cogniție, Creier, Comportament* 7, 242-260.
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### **Lucrări la conferințe**

Peste 100 de lucrări la conferințe internaționale și naționale. Secțiunea următoare prezintă o selecție a conferințelor recente.

1. Cărnuță, M., Vulturar, R., Chiș, A., Szentagotai-Tătar, A., Baci, M., & Miu, A. C. (2015). *Gene-environment interactions in reappraisal ability: A behavioral and fNIRS study*. International Society for Research on Emotion, Geneva, Elveția.
2. Cărnuță, M., Chiș, A., Vulturar, R., Szentagotai-Tătar, A., & Miu, A. C. (2015). *Child abuse and cognitive reappraisal ability: Evidence for genetic moderation*. International Convention for Psychological Science, Amsterdam, Olanda.
3. Szekely, R., Chiș, A., Vulturar, R., & Miu, A. C. (2015). *Genetic influences and childhood trauma in moral decision making*. International Convention for Psychological Science, Amsterdam, Olanda.
4. Kuhnen, C. M. & Miu, A. C. (2015). *Socioeconomic status and learning from financial information*. Annual Meeting of the American Economic Association, Boston, SUA.
5. Crișan, L. G., Chiș, A., Vulturar, R., MacLeod, C., & Miu, A. C. (2014). *Attentional bias modification in social anxiety: Psychophysiological evidence*. International Congress of Applied Psychology, Paris, Franța.
6. Kuhnen, C. M. & Miu, A. C. (2014). *Socioeconomic status and learning from financial information*. Annual Meeting of the Society for Neuroeconomics, Miami, SUA.
7. Szekely, R. D., & Miu, A. C. (2014). *Emotions in moral dilemmas: Reappraisal promotes utilitarian choices*. 35th Conference of the Stress and Anxiety Research Society (STAR), Cluj-Napoca, Romania.
8. Cărnuță, M., Crișan, L. G., Vulturar, R., & Miu, A. C. (2014). *Childhood traumatic events and cortisol reactivity to social stress: The mediator role of emotion regulation*. 35th Conference of the Stress and Anxiety Research Society (STAR), Cluj-Napoca, Romania.

9. Beciu, A., Kuhnen, C., & Miu, A. C. (2014). *Interactions between stress related genotypes and socioeconomic status in decision making*. 35th Conference of the Stress and Anxiety Research Society (STAR), Cluj-Napoca, Romania.
10. Miu, A. C. (2013). *Genes, brain and emotions: Tip of the iceberg?* Simpozionul "Genes, Brain and Emotion", A 4-a Conferință a Societății Naționale de Neuroștiințe, București, România.
11. Miu, A. C., Crișan, L. G., & MacLeod, C. (2013). *Autonomic, neuroendocrine and immune changes associated with attentional bias modification in social anxiety*. Simpozionul "Biological Approaches to Cognitive Bias Modification", 7th World Congress for Behavioural and Cognitive Therapies, Lima, Peru.
12. Miu, A. C., & Cărnută, M. (2012). *Does emotion regulation moderate the links between adult attachment in close relationships and social anxiety symptoms?* American University's International Conference for Academic Disciplines, Roma, Italia.
13. Miu, A. C. (2012). *Social stress: Genetic and environmental perspectives*. Workshop Explorator "Noi perspective în neuroștiințe", Conferința Diaspora în Cercetarea Științifică și Învățământul Superior din România, București, România.
14. Miu, A. C. (2012). *Genetic influences on response to psychotherapy*. Workshopul Explorator "De la ADN la intervenții psiho-sociale în sănătatea și boala psihică: Modele Interdisciplinare Integrative", Conferința Diaspora în Cercetarea Științifică și Învățământul Superior din România, București, România.
15. Szekely, R. D. & Miu, A. C. (2012). *Emotion regulation in high-conflict personal moral dilemmas*. ESF-FENS Conference "The Neurobiology of Emotion", Stresa, Italia.
16. Vulturar, R., Chiș, A., Ungureanu, L., & Miu, A. C. (2012). *Respiratory sinus arrhythmia and serotonin transporter promoter gene polymorphisms: Taking a triallelic approach makes a difference*. Annual Symposium of the Society for the Study of Inborn Errors of Metabolism, Birmingham, UK.
17. A. C. Miu, R. Vulturar, A. Chiș, J. Avram, I. Cocia, L. C. Uscătescu, & A. Beciu (2011). *Polymorphisms in the serotonin transporter gene are associated with emotion regulation difficulties and attentional biases to threatening faces*. 8<sup>th</sup> IBRO World Congress of Neuroscience, Florența, Italia.



18. R. Vulturar, A. Chiș, & A. C. Miu (2011). *The importance of SERT polymorphisms in irritable bowel syndrome*. International Symposium “Genetics in Gastrointestinal and Liver Diseases”, Cluj-Napoca, România.
19. S. E. Pană, J. Avram, & A. C. Miu (2010). *Emotional face processing biases in neurotypicals with extreme autistic traits*. 50th Annual Meeting of the Society for Psychophysiological Research, Portland, SUA (publicat în *Psychophysiology* 47, S56).
20. R. M. Heilman, M. Miclea, & A. C. Miu (2010). *Individual differences in cognitive emotion regulation and well-being*. 24th European Health Psychology Conference, Cluj-Napoca, România (publicat în *Health & Behavior* 25, suppl. 1, 114).
21. R. M. Heilman, L. Crișan, D. Houser, M. Miclea, & A. C. Miu (2009). *A critical role of emotion regulation in risk taking*. ESE Conferences in Behavioral Economics, Rotterdam, Olanda.
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23. R. M. Heilman, L. Crișan, M. Miclea, & A. C. Miu (2009). *Emotion regulation and decision: The detrimental effects of expressive suppression on risky decision making*. International Association for Research in Economic Psychology and Society for the Advancement of Behavioral Economics Joint Conference, Halifax, Canada.
24. R. M. Heilman, L. Crișan, A. C. Miu, & M. Miclea (2008). *Emotion regulation and decision-making under uncertainty and risk*. Days of Molecular Medicine “Cognitive Dysfunction in Disease”, Karolinska Institutet, Stockholm, Suedia.
25. A. C. Miu, J. Avram, R. Balteș, M. Miclea (2008). *Psychophysiological analysis of an attentional bias for fearful faces in anxiety*. 29th Stress and Anxiety Research Society Conference, Londra, Marea Britanie.
26. A. M. Pașca, L. G. Crișan, & A. C. Miu (2008). *Psychophysiological correlates of processing emotional faces in anxiety*. 48<sup>th</sup> Meeting of the Society for Psychophysiological Research, Austin, SUA (publicat în *Psychophysiology* 45, S106).
27. A. C. Miu (2008). *Psychophysiology of anxiety: From genes to behavior*. Simpozionul “Clinical applications of recent knowledge in neuroscience”, Cluj-Napoca.

28. A. C. Miu, L. Crişan, & A. Paşca (2008). *Anxiety and emotional modulation of the startle reflex in perception of faces*. International Workshop “Stress and cognition: Recent approaches”, Cluj-Napoca.
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30. R. M. Heilman, L. Crişan, A. C. Miu, & M. Miclea (2008). *Emotional suppression is associated with altered decision-making under uncertainty and risk*. Third International Conference on Cognitive Science, Moscova, Rusia.
31. R. M. Heilman, A. C. Miu, & O. Benga (2008). *Developmental changes in affective decision-making: The effects of age and sex in 3 and 4-year old children*. XXIX International Congress of Psychology, Berlin, Germania.
32. E. Geangu, R. Balteş, O. Benga, & A. C. Miu (2008). *Emotional contagion and individual differences in cardiac autonomic regulation in 9-month-old infants*. XVIth International Conference on Infant Studies, Vancouver, Canada.
33. R. M. Heilman, L. Crişan, A. C. Miu, & M. Miclea (2008). *Emotional suppression is associated with altered decision-making under uncertainty and risk*. 29th Stress and Anxiety Research Society Conference, Londra, Marea Britanie.
34. E. Geangu, T. Striano, O. Benga, & A. C. Miu (2008). *Infants modulate their own emotional reactions*. First Barcelona Social Neuroscience Conference “Values and Empathy across Social Barriers”, Barcelona, Spania.
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37. A. C. Miu, J. Avram, A. Amagdei, R. Balteş, & R. M. Heilman (2007). *Trait Anxiety and Lateralized Emotional Interference: Correlation with Corpus Callosum Morphology and Electroencephalographic Coherence*. Cognitive Neuroscience Society Annual Meeting, New York, SUA.

38. R. M. Heilman, A. C. Miu, A. Opre, & D. Houser (2006). *The thrills of decision-making: Anxiety, neuroticism and sensation seeking in ultimatum game and Iowa gambling task*. International Association for Research in Economic Psychology and Society for Advancement for Behavioral Economics Joint International Congress, Paris, Franța.
39. A. C. Miu (2006). *Corpus callosum transaction in rats: Neuroplasticity and behavioral effects*. 2<sup>nd</sup> International Conference of the National Neuroscience Society of Romania, București.
40. A. C. Miu (2005). *Corpus callosum transection and environmental enrichment in adult rats*. "Development and Plasticity of the Human Cerebral Cortex". Zagreb, Croația.
41. C. Crăciun, A. Ardelean, A. I. Olteanu, A. C. Miu, R. Silasi-Mansat, & L. Barbu-Tudoran (2005). *Effects of aluminium intoxication on rat liver. Histological and ultrastructural studies*. 90<sup>th</sup> Annual Meeting of the Ecological Society of America "Ecology at multiple scales", Montreal, Canada.
42. A. C. Miu, A. I. Olteanu, I. Chiș, & R. M. Heilman (2004). *Erythropoietin protects fear conditioning performances against functional inactivation of the amygdala in rats*. Abstracts of the "4th Forum of European Neuroscience", Lisabona, Portugalia.

#### **Consultanță științifică pentru presă**

Hotnews, Secțiunea "Hotscience", 2008-2009

BBC România, Emisiunea "Magazin Științific", 2003-2008