

**CURRICULUM VITAE di**

Paola Palanza

**Posizione Accademica**

Macrosettore:	05F
Settore Concorsuale:	05F/1
Settore Scientifico Disciplinare:	BIO/13
Qualifica:	Professore ordinario
Anzianità nel ruolo:	1,5 anni
Sede Universitaria:	Parma
Struttura di afferenza:	Dipartimento di Medicina e Chirurgia

**Posizioni ricoperte**

Periodo	Fascia	Ateneo
Dic 2016- presente	Professore Ordinario	Università di Parma
2000 - 2016	Professore Associato	Università di Parma
1999 - 2000	Ricercatore di Zoologia, SSD BIO/05	Università di Parma
1999 - 2004	Professore a contratto	Università di Bologna
1997- 1998	Borsa di studio annuale NATO-CNR - Advanced Research	University of Missouri-Columbia (USA)
1996 – 1999	Professore a contratto	Università di Parma
1993-1995	Borsa di studio Post-dottorato	Università di Venezia

**TITOLI**

- **Responsabilità scientifica generale o di unità per progetti di ricerca internazionali e nazionali ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari:**
  - Responsabile di Unita' di Ricerca, PRIN 2010-11 per il progetto triennale: "Infanzia, adolescenza e psicopatologia: effetto delle cure materne, psicofarmaci e sostanze d'abuso sullo sviluppo del cervello". *Partecipazione:* Principal Investigator. Entità del finanziamento: 121.000€
  - Responsabile di Unita' di Ricerca per il progetto triennale: "Conditional knockout NPY-YIR mice as an experimental model to study vulnerability to psychopathology" finanziato dal Progetto Neuroscienze della Fondazione Compagnia di San Paolo, Torino (2009-2011). *Partecipazione:* Principal Investigator. Entità del finanziamento: 42.000€

- Responsabile di Unità di Ricerca, PRIN 2008 per il progetto biennale: “analisi del comportamento e della risposta allo stress sociale in topi KO condizionali per NPY-Y1R.” *Partecipazione*: Principal Investigator. Entità del finanziamento: 58.000€
  - Responsabile del progetto di ricerca: “Fenotipizzazione comportamentale, risposta allo stress cronico e differenze sessuali in un ceppo di topi utilizzato dalla casa farmaceutica Takeda Cambridge, Cambridge, UK”. *Partecipazione*: Principal Investigator; Entità del finanziamento: 50.000€/anno (2008)
  - Responsabile di Unità di Ricerca nel Programma Nazionale Interuniversitario MURST Cofin 2000: “Il comportamento come biomarcatore degli effetti degli inquinanti estrogenici nei Vertebrati superiori”. *Partecipazione*: Principal Investigator; Entità del finanziamento: L. 70 milioni (36000 €)
  - Responsabile di UR per i finanziamenti di Ateneo FIL 2003, 2004, 2005, 2006, 2007, 2008, 2012, 2014 comitato 105). *Partecipazione*: Principal Investigator; Entità del finanziamento complessivo: 39.000 €
  - Drug Discovery Program - Zealand Pharma A/S, Glostrup, Danimarca (2007-8). *Titolo*: Effects of peripheral TLQP-21 treatment on mice adipose organ physiology, sympathetic activation and cardiac histology. *Partecipazione* Co-Investigator; finanziamento: 15.000€
- **Direzione o partecipazione a comitati di direzione riviste Scopus/WOS o classificate da ANVUR , nonché collane editoriali**
    - Membro di Comitato editoriale (Editorial Board) della rivista scientifica: Frontiers of Neuroscience
    - Revisore per le seguenti riviste scientifiche internazionali: Aggressive Behavior; Animal Behaviour; Behavioral Ecology; Behavioral Brain Research; Behavioral Processes; Brain Research Bulletin; Brain Behavioral Sciences; British Journal of Pharmacology; Endocrinology; Environmental Health; Environmental Health Perspectives; Environmental Reviews; Ethology Ecology Evolution; Frontiers of Neuroscience; Frontiers of Neuroendocrinology; Genes Brain and Behaviour; Hormones and Behavior; Journal of Neuroscience Research; Journal of Reprod. and Fertility; J Steroid Biochem Mol Biol.; Neuroscience and Biobehavioral Reviews; Nature Neuroscience; Neuroscience and Biobehavioral Reviews; Neurotoxicology; Neurotoxicology and Teratology; Pharmacology Biochemistry and Behavior; Physiology and Behavior; PLoS One; Proceedings of the National Academy of Science USA - PNAS; Psychoneuroendocrinology; Psychopharmacology; Reproductive Toxicology; The Royal Society –Proceedings.
  - **Partecipazione al collegio dei docenti nell’ambito di dottorati di ricerca accreditati da Ministero**
    - 2013-presente: docente del Dottorato di Ricerca in Neuroscienze, Università di Parma e Università di Modena-Reggio Emilia. Supervisione scientifica di 2 tesi di dottorato (una in corso).
    - 2000-2013. Docente del Dottorato di Ricerca in “Biologia del comportamento”, Università di Parma. Supervisione scientifica di 10 tesi del Dottorato di Ricerca in Biologia del comportamento, Università di Parma e di 2 tesi del dottorato di ricerca in Psicobiologia, Università di Milano.
  - **Partecipazione come relatore a convegni di carattere scientifico nazionali o internazionali:**
    - Partecipazione a circa 133 congressi (nazionali e internazionali.)
    - Relatore su invito a 35 congressi (nazionali e internazionali)

Relatore su invito:

- 2018 Workshop "Endocrine Disrupting Chemicals and Developmental Origins of Health and Disease", Reggio Emilia, 23 febbraio 2018
- 2017 Workshop BIOMETRA, Milano, 26 Settembre 2017.
- 2016 40<sup>th</sup> Workshop of the School of Ethology on "Translational Neuroscience & Mental Disorders – bridging the gap between animal models and the human condition" 4-9 novembre 2016, Erice Italy.
- 2016 49th Seminars of Planetary Emergencies - Erice (Italy) 19-24 agosto 2016
- 2015 9th World Congress on Developmental Origins of Health and Disease (DOHaD 2015), Cape Town South Africa, 8-11 November 2015
- 2015 20mo Convegno INBB- Ricerche Biomediche di Frontiera. Roma 22-23 ottobre 2015.
- 2014 39th Workshop of the School of Ethology "What made us Human", Erice, October 2014
- 2014 Italian Society of Neuropsychopharmacology, Turin 3-5 June 2014
- 2012 International workshop "Low Dose Effects and Non-Monotonic Dose Responses for Endocrine Active Chemicals: Science to Practice", Berlin, Germany, settembre 2012
- 2013 workshop "Interferenti Endocrini fra incertezze scientifiche e normative", Cesena 18 dicembre
- 2011 ARET Conference : "Une challenge pour la toxicology: les faible doses et les melanges» Parigi, giugno 2012
- 2011 IBANGS symposium "The long way from genotype to behavioural phenotype: potential pitfalls and coping strategies", Roma 10 May 2011
- 2011 SAFE workshop on "Endocrine Disruptive Effects of Pesticides due to Low Dose Exposure: Evidence for Non-Monotonic Dose Response Curves" Brussels, 15-16 March 2011.
- 2010 V European Conference on Behavioural Biology, Ferrara, Italy 16 - 18 July 2010.
- 2009 Workshop on "Conceptual issues on stress research", April 17-19 2009, Göttingen.
- 2009 VII Conference "HORMONES, BRAIN AND BEHAVIOR", Torino 13 Febbraio 2009
- 2009 XIII National Congress of the Italian Society for Neuroscience (SINS), Milan 2-5 October
- 2008 European Primate Network (EUPRIM-Net), course on "Stress and its implication for primate welfare" lecture on "sex differences in the stress response", Goettingen, Germany 13-16 ottobre 2008
- 2008 38th Annual Symposium of the Scandinavian Society for Laboratory Animal Science (Scand-LAS) - symposium on "Behavioural neuroscience and animal welfare - problems, solutions and benefits". Tartu, Estonia, 8-13 May 2008
- 2007 National Congress of the Italian Society for Neurosciences (SINS), symposium on "The vulnerable brain: environmental contaminants and mental health", Padova 27-29 settembre 2007.
- 2006 International Seminar on Planetary Emergencies, Symposium on "The Plastic World", Erice 19-26 agosto 2006
- 2005 Symposium of the Swedish EPA (Environmental protection Agency -ReproSafe Program) on "Reproductive behaviour and environmental pollutants", Stockholm, 14-15 Settembre 2005.
- 2003 Meeting on "Reproductive Toxicology and Chemicals: a matter of timing?", European Environmental Agency, Copenhagen October 2-3 2003.- Declined
- 2003 International Conference on "Steroids and nervous system", Simposio on "Action of environmental estrogens on behaviorally relevant neural circuits", Torino 20-25 febbraio 2003.
- 2002 Summer School on "Ecological Brain Research II in Russia", 28 luglio- 3 agosto 2002, Moscow, Key-lecture on: "Competitive strategies in mice"
- 2002 18° Workshop on "Impact of endocrine disruptors on brain development and behavior", School

- of Ethology – E. Majorana Center for Scientific Culture, Erice 15-20 March 2002.
- 2001 Neurotoxicology and Teratology Society Conference, Montreal 18-22 June
- 2000 International workshop on "Social Stress: acute and long-term effects on physiology and behavior"; Parma 1 August-2 Sept. 2000.
- 2000 CHAIR and main speaker of the session on: "Effects of Endocrine Disruptors on the Nervous System and Behavior", Gordon Research Conference on Environmental Endocrine Disruptors, Plymouth (USA) 18-23 giugno 2000.
- 1999 Symposium of the Society of Neuroscience "Measuring anxiety in animal models", Miami (USA), 23 ottobre 1999.
- 1998 workshop of the International School of Ethology: "Ethology and Biomedical Research", Erice, 1-6 Dicembre 1998
- 1997 XXV International Ethological Conference, round table "Individual behavioural variation - role of hormones during early life", Vienna (Austria) 20-27 agosto 1997.
- 1997 Effects of endocrine disrupters in the environment on neuronal development and behaviour: current knowledge, assessment, gaps", Berlin (Germany) 17-18 Novembre 1997.
- 1997 Smithsonian Endocrine Disrupter Workshop, Washington (USA) 23-24 Gennaio
- 1995 11th workshop of the International School of Ethology: "Environmental endocrine disrupting chemicals: Behavioral, endocrine and neural effects", Erice, 1995.
- 1992 NATO advanced workshop on "The Development of Sex Differences and Similarities in Behavior", Chateau de Bonas, Tolosa (Francia), luglio 1992.

## PUBBLICAZIONI

- 1- Parmigiani S, Rodger J, Palanza P, Mainardi M. (1988). Naloxone differentially alters parental aggression by female mice towards conspecific intruders of differing sex. *AGGRESSIVE BEHAVIOR* 14: 213-224.
- 2- Parmigiani S., Palanza P. & Brain P.F. (1989). Intraspecific maternal aggression in the house mouse (*Mus domesticus*): a counterstrategy to infanticide by male? *ETHOLOGY ECOLOGY EVOLUTION* 1:341-352.
- 3- Parmigiani S., Rodger J., Palanza P., Mainardi M. & Brain P.F. (1989). The inhibitory effects of fluprazine on parental aggression in female mice are dependent upon intruder sex. *PHYSIOLOGY & BEHAVIOR* 46:455-459.
- 4- Palanza P. & Parmigiani S. (1991) Inhibition of infanticide in male Swiss mice: a behavioral polymorphism in response to multiple mediating factors. *PHYSIOLOGY & BEHAVIOR* 49:797-802.
- 5- Parmigiani S. & Palanza P. (1991) Fluprazine inhibits intermale attack and infanticide, but not predation in male mice. *NEUROSCIENCE AND NEUROBEHAVIORAL REVIEWS* 15:511-513
- 6- Yousif Y, Palanza P, Parmigiani S, Mainardi M. & Brain P.F. (1991). Effects of genotype and intrauterine position on male behaviour during social encounters. *BOLLETTINO DI ZOOLOGIA*, 58:119-124.
- 7- Kurishingal H., Palanza P., Brain P.F. (1992) Effects of prenatal exposure to chlorodiazepoxide on ultrasonic calling and early postnatal development in A.P. mice. *GENERAL PHARMACOLOGY* 23:49-53.
- 8- Palanza P., Parmigiani S. (1994). Functional analysis of maternal aggression in the house mouse (*Mus musculus domesticus*). *BEHAVIOURAL PROCESSES*, 32: 1-16
- 9- Palanza P., Parmigiani S., Vom Saal F.S. (1994). Maternal aggression towards infanticidal males of different social status in wild house mice (*Mus musculus domesticus*). *AGGRESSIVE BEHAVIOR*, 20: 267-274.
- 10- Palanza P., Parmigiani S., Vom Saal F.S. (1994). Male urinary cues stimulate intrasexual aggression and urine marking in female wild mice. *ANIMAL BEHAVIOUR*, 48: 245-247.
- 11- Brain P.F., Palanza P., Parmigiani S. (1995). Evaluating pain and distress in laboratory animals. *SCANDINAVIAN JOURNAL OF LABORATORY ANIMAL SCIENCE*, 1: 18-20.
- 12- Palanza P., Parmigiani S., vom Saal. F. (1995). Urine marking and maternal aggression of wild female mice in relation to anogenital distance at birth. *PHYSIOLOGY & BEHAVIOR*, 58 (5):827-835.

- 13- vom Saal F.S., Nagel S.C., Palanza P., Boechler M., Parmigiani S., Welshons W. (1995). Estrogenic pesticides: binding relative to estradiol in MCF-7 cells and effects of exposure during fetal life on subsequent territorial behavior in male mice. *TOXICOLOGY LETTERS*, 77:342-350.
- 14- vom Saal F.S., Franks P., Boechler M., Palanza P., Parmigiani S. (1995). Nest defence and survival of offspring in highly aggressive wild canadian female house mice. *PHYSIOLOGY & BEHAVIOR*, 58(4):669-678.
- 15- Palanza P., Rodgers R.J., Ferrari P.F., Parmigiani S. (1996). Effects of chlorodiazepoxide on maternal aggression in mice: influence of intruder sex and prior screening for attack. *PHARMACOLOGY, BIOCHEMISTRY AND BEHAVIOUR*, 54: 175-182.
- 16- Ferrari PF, Palanza P., Rodgers J.R., Mainardi M., Parmigiani S. (1996). Comparing different forms of male and female aggression in wild and laboratory mice: an ethopharmacological study. *PHYSIOLOGY & BEHAVIOR*, 60:549-554.
- 17- Palanza P., Re L., Brain P.F., Mainardi D., Parmigiani S. (1996). Male and female competitive strategies of wild house mice pairs (*Mus musculus domesticus*) confronted with intruders of different sex and age in artificial territories. *BEHAVIOUR*, 133:11-21.
- 18- vom Saal F.S., Timms T., Montano M., Palanza P., Thayer K., Nagel S., Dahr M., Ganjam V.K., Parmigiani S., Walshons W. (1997). Prostate enlargement in mice due to fetal exposure to low doses of estradiol or diethylstilbestrol and opposite effects at high doses. *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE USA* 94:2056-2061, Natl. Acad. Sci, Washington.
- 19- Parmigiani S., Palanza P., vom Saal F.S. (1998). Etho-toxicology: An evolutionary approach to the study of environmental endocrine disrupters. *TOXICOLOGY AND INDUSTRIAL HEALTH* 14:333-340.
- 20- vom Saal F.S., Cooke P.S., Buchanan D.L., Palanza P, Thayer K., Nagel S., Parmigiani S., Walshons W. (1998). A Physiologically based approach to the study of bisphenol-A and other estrogenic chemicals on the size of reproductive organs, daily sperm production and behavior. *TOXICOL. INDUSTRIAL HEALTH* 14: 239-260.
- 21- Ferrari PF, Parmigiani S., Rodgers R.J., Palanza P. (1998). Differential effects of chlorodiazepoxide on aggressive behavior in male mice: the influence of social factors. *PSYCHOPHARMACOL.*, 134:258-265.
- 22- E. Alleva, J. Brock, A. Brouwer, T. Colborn, M. Cristina Fossi, E. Gray, L. Guillette, J. Leatherl, N. MacLusky, A. Mutti, P. Palanza, S. Parmigiani, P. Hauser, S. Porterfield, R. Santti, S.A. Stein, F. Vom Saal, B. Weiss. 1998. Statement from the work session on environmental endocrine-disrupting chemicals: Neural, endocrine, and behavioral effects. *TOXICOLOGY AND INDUSTRIAL HEALTH*, 14(1):1-8.
- 23- Ferrari PF, Palanza P., Parmigiani S., Rodgers R.J. (1998). Interindividual variability in the Swiss albino mice: relationship between social factors, aggression and anxiety. *PHYSIOLOGY & BEHAVIOR* 63(5):821-827.
- 24- Parmigiani S., Ferrari P.F., Palanza P. (1998). An evolutionary approach to behavioral pharmacology: Using drugs to understand proximate and ultimate mechanisms of different forms of aggression in mice. *NEUROSCIENCE & BIOBEHAVIORAL REVIEWS*, 23: 143-153.
- 25- Blanchard RJ, Hebert MA, Ferrari PF, Palanza P, Figueira R, Blanchard DC, Parmigiani S. (1998). Defensive behaviors in wild and laboratory (Swiss) mice: The mouse defense test battery. *PHYSIOLOGY & BEHAVIOR* 65(2): 201-209.
- 26- Palanza P., Parmigiani S., Liu. H., vom Saal F.S. (1999). Effects of prenatal exposure to low doses of the estrogenic chemicals diethylstilbestrol and o',p DDT on aggressive behavior of male and female house mice. *PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR*, 64(4):665-672
- 27- Parmigiani S., Palanza P, Ferrari PF (1999) Selection, Evolution and animal models for neuroscience studies. *NEUROSCIENCE & BIOBEHAVIORAL REV*, 23(7): 957-97
- 28- Palanza P., Morellini F., vom Saal F.S., Parmigiani S. (1999) Prenatal exposure to Endocrine disrupting chemicals: Effects on behavioral development. *NEUROSCIENCE & BIOBEHAVIORAL REV.*, 23(7):1011-27.
- 29- Ferrari PF, Palanza P., Parmigiani S. (2000). Does fear modulate maternal aggression in mice? *AGGRESSIVE BEHAVIOR*, 26(2):193-203
- 30- Holmes A., Parmigiani S., Ferrari F., Palanza P., Rodgers RJ. (2000). Behavioral profile of wild mice in the elevated plus-maze test for anxiety. *PHYSIOLOGY AND BEHAVIOR*, 71:509-516.
- 31- Palanza P., Morley-Fletcher S., La Viola G. (2001). Novelty seeking in periadolescent mice: Gender differences and influence of intrauterine position. *PHYSIOLOGY AND BEHAVIOR*, 72: 255-262
- 32- Palanza P. (2001). Animal models of anxiety and depression: How are females different? *NEUROSCIENCE AND BIOBEHAVIORAL REV* 25(3): 219-233.
- 33- Bartolomucci A., Palanza P., Gaspani L., Limiroli E., Panerai A.E., Ceresini G., Poli M., Parmigiani S. (2001). Social status in mice: behavioral, endocrine and immune changes are context dependent. *PHYSIOLOGY AND BEHAVIOR* 73: 401-410.
- 34- Palanza P. & Parmigiani S. (2001). Le femmine sono diverse? Aggressività, competizione e ruolo sociale nel topolino delle case. *ARGOMENTI DI PSICOMETRIA* 9:31-51.
- 35- Palanza P., Gioiosa L., Parmigiani S. (2001). Social Stress in mice: gender differences and effects of estrous cycle and social dominance. *PHYSIOLOGY AND BEHAVIOR* 73: 411-420.

- 36- Palanza P., Parmigiani S., vom Saal F.S. (2001). Effects of prenatal exposure to the estrogenic chemicals diethylstilbestrol, o,p'-DDT and methoxychlor on neuro-behavioral development in the House mouse. *HORMONES AND BEHAVIOR*, 40:252-265.
- 37- Palanza P., Morellini F., Parmigiani S., vom Saal FS. (2002) Ethological methods to assess the impact of estrogenic endocrine disruptors on behavior: a study with methoxychlor. *NEUROTOXICOLOGY AND TERATOLOGY*, 24: 56-67.
- 38- Palanza P., Howdeshell K., Parmigiani S., vom Saal FS (2002). Exposure during fetal life or in adulthood to the estrogenic endocrine disrupter bisphenol A alters maternal behavior in mice. *Environmental HEALTH PERSPECTIVES*, 110(suppl.3): 415-422.
- 39- Morley-Fletcher S., Palanza P., Parolaro D., La Viola G. (2002). Intrauterine position has long-term effects on mu-opioid induced behaviours in mice. *PSYCHONEUROENDOCRINOLOGY*, 28:386-400
- 40- Bartolomucci A, Palanza P., Parmigiani, S. (2002). Group housed mice are they really stressed? *Ethology, Ecology and Evolution* 14(4):341-350 .
- 41- Bartolomucci A, Palanza P, Sacerdote P, Ceresini G, Chirieleison A, Panerai AE, Parmigiani S. (2003). Individual housing induce altered immuno-endocrine responses to psychological stress in male mice. *PSYCHONEUROENDOCRINOLOGY*, 28:540-558.
- 42- Bartolomucci, A, Palanza, P., Costoli T, Savani E, Laviola G, Parmigiani S, Sgoifo A (2003). Chronic psychosocial stress persistently alters autonomic function and physical activity in mice. *PHYSIOL BEHAV.* 80(1):57-67.
- 43- Bartolomucci A., Sacerdote P., Panerai AE, Pederzani T, Palanza P, Parmigiani S. (2003). Chronic psychosocial stress-induced down-regulation of immunity depends upon individual factors. *J NEUROIMMUNOL.* 141(1-2):58-64.
- 44- Bartolomucci, A, Palanza, P., Parmigiani S, Pederzani T, Merlot E, Neveu P, Dantzer R. . 2003. Chronic psychosocial stress down-regulates central cytokines mRNA. *BRAIN RESEARCH BULLETIN* 30:62(3):173-8.
- 45- Bartolomucci, A., Gioiosa L., Chirieleison A., Ceresini G., Parmigiani S., Palanza P. (2004). Cross fostering in mice: behavioral and physiological carry-over effects in adulthood. *GENES BRAIN BEHAVIOR*, 3:115-122.
- 46- Bartolomucci A., Pederzani T., Sacerdote P., Panerai A.E., Parmigiani S., Palanza P. (2004). Behavioral and physiological characterization of male mice under chronic psychosocial stress. *PSYCHONEUROENDOCRINOLOGY*, 29:899-910.
- 47- Bartolomucci, A., Gioiosa L., Chirieleison A., Ceresini G., Parmigiani S., Palanza P. (2004). Age at group formation alters behavior and physiology in male but not female mice. *PHYSIOLOGY AND BEHAVIOR* 82:425-34.
- 48- Laviola G., Gioiosa L, Adriani W, Palanza P. (2005) D-amphetamine-related reinforcing effects are reduced in mice exposed prenatally to estrogenic endocrine disrupters. *BRAIN RESEARCH BULLETIN* , 65(3): 235-240
- 49- Palanza P., Della Seta D., Ferrari PF, Parmigiani S. (2005). Female competition in wild house mice depends upon timing of female/male settlement and kinship between females. *ANIMAL BEHAVIOUR*, 69(6): 1259-1271
- 50- Razzoli M, Valsecchi P, Palanza P. (2005) Chronic exposure to low doses bisphenol A interferes with pair-bonding and exploration in female Mongolian gerbils. *BRAIN RESEARCH BULLETIN*, 65(3): 249-254
- 51- Bartolomucci A., Palanza P., Sacerdote P., Panerai A.E., Sgoifo A., Dantzer R., Parmigiani S. (2005) Social factors and individual vulnerability to chronic stress exposure. *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*, 29(1):67-81
- 52- Ferrari PF, Palanza P., Parmigiani S., De Almeida MR, Miczek K. (2005). Serotonin and aggressive behavior in rodents and nonhuman primates: predispositions and plasticity. *EUR J PHARMACOL.* 526(1-3):259-73.
- 53- Parmigiani S., Bartolomucci A., Palanza P., Galli NP., Rizzi N., Volpi R. (2006) In judo, Randori (real fighting and Kata (highly ritualized) differentially change plasma cortisol, testosterone, and interleukin levels in male participants. *AGGRESSIVE BEHAVIOR* 32:481-489.
- 54- Gioiosa L, Fissore E., Ghirardelli G., Parmigiani S., Palanza P. (2007). Developmental exposure to low doses of environmental estrogens alters sex differences in exploration and emotional behavior in mice. *HORMONES AND BEHAVIOR*, 52(3):307-16.
- 55- Panzica GC, Viglietti-Panzica C, Mura E, Quinn MJ Jr, Lavoie E, Palanza P, Ottinger MA. 2007. Effects of xenoestrogens on the differentiation of behaviorally-relevant neural circuits. *Front Neuroendocrinol* 28(4):179-200.
- 56- Simone L., Palanza P., Bartolomucci A., Parmigiani S. (2008). On-ground housing in "Mice Drawer System (MDS) cage affects locomotor behaviour but not anxiety in male mice. *ACTA ASTRONAUTICA*, 62, 453-461.
- 57- Palanza P., Gioiosa L., vom Saal. FS., Parmigiani S. (2008). Effects of developmental exposure to bisphenol-A on brain and behavior in mice. *ENVIRONMENTAL RESEARCH* 108:150-7 (IF 2,96)

- 58- vom Saal FS, Parmigiani S, Palanza P, Everett LG., Ragaini R. 2008. The Plastic World: Sources, Amounts, Ecological Impacts and Effects on Development, Reproduction, Brain and Behavior in Aquatic and Terrestrial Animals and Humans. ENVIRONMENTAL RESEARCH 108:127-130
- 59- Myers JP, vom Saal FS, BT. Akingbemi, K Arizono, S Belcher, T Colborn, I Chahoud, D.A Crain, F Farabollini, L.J. Guillette, T Hassold, S Ho, PA. Hunt, T Iguchi, S Jobling, J Kanno, H Laufer, M Marcus, JA. McLachlan, A Nadal, J Oehlmann, N Olea, P Palanza, S Parmigiani, BS. Rubin, G Schoenfelder, C Sonnenschein, AM. Soto, CE. Talsness, JA. Taylor, LN. Vandenberg, JG. Vandenberg, S Vogel, CS. Watson, WV. Welshons, R.T Zoeller. 2008. Why public health agencies cannot depend upon 'Good Laboratory Practices' as a criterion for selecting data: The case of bisphenol-A. ENVIRONMENTAL HEALTH PERSPECTIVES, 117(3):309-15 (doi: 10.1289/ehp.0800173)
- 60- Bartolomucci A, Cabassi A, Govoni P, Ceresini G, Cero C, Berra D, Dadomo H, Franceschini P, Dell'Omo G, Parmigiani S, Palanza P (2009) Metabolic consequences and vulnerability to diet-induced obesity in male mice under chronic social stress. PLoS ONE 4(1): e4331-pp12. (*special issue "Stress induced depression and co-morbidities: from bench to bedside"*).
- 61- Parmigiani S, Dadomo H., Palanza P, Bartolomucci A, Brain PF, Carbucicchio A, Costantino C, Ferrari PF, Volpi R.. 2009. Personality traits and endocrine response as possible asymmetry factors of agonistic outcome in karate athletes. AGGRESSIVE BEHAVIOR, 35(4):324-333
- 62- Bartolomucci A., Gioiosa L, Ceresini G, Parmigiani S, Palanza P. 2009. Effects of the housing social context on emotional behaviour and physiological correlates in female mice. SCANDINAVIAN JOURNAL OF LABORATORY ANIMAL SCIENCE, 36(1):87-95.
- 63- PALANZA P., PARMIGIANI S (2009). Bisfenolo A e differenziazione sessuale di circuiti neurali e comportamento nel topo. In: Interferenti endocrini: valutazione e prevenzione dei possibili rischi per la salute umana. vol. ISTISAN 09/18, p. 24-27, ISBN/ISSN: 1123-3117
- 64- Bartolomucci A, Carola V, Pascucci T, Pugliesi-Allegra S, Lesch KP, Parmigiani S, Palanza P, Gross C. (2010). Increased vulnerability to psychosocial stress in heterozygous serotonin transporter knockout mice. DISEASE MODELS AND MECHANISMS, 3(7-8):459-70.
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- 66- Dadomo H, Volpi R, Ferrari M., Vignali A., Bartolomucci A., Palanza P., Parmigiani S. 2011. Sildenafil counteracts the inhibitory effect of social subordination on competitive aggression and sexual motivation in male mice. BEHAVIOURAL BRAIN RESEARCH, 216(1):193-9.
- 67- Koolhaas JM, Bartolomucci A, Buwalda B, de Boer S, Flügge G, Korte S.M, Meerlo P, Murison R, Olivier B, Palanza P, Richter-Levin G, Sgoifo A, Steimer T, Stiedl O, van Dijk G, Wöhr M, Fuchs E. 2011. Stress revisited: a critical evaluation of the stress concept. NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS, 35(5):1291-301.
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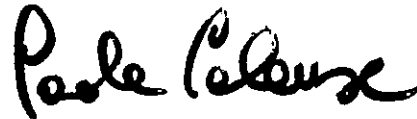
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