Procedura valutativa di chiamata per n. 1 posto di **Professore di ruolo di I fascia** presso il Dipartimento di Biologia e Biotecnologie 'Charles Darwin', Facoltà di Scienze Matematiche Fisiche e Naturali Settore Scientifico-disciplinare M-PSI/02, Settore concorsuale 11/E1 di cui al bando emanato con D.R. n. 2636/2018 pubblicato nella pagina web del sito https://web.uniroma1.it/trasparenza/bandiconcorso relativa ai bandi di upgrade PO in data 7.11.2018, codice concorso 2018POR032

Decreto Rettore Università di Roma "La Sapienza" n. **2636/2018** del **07.11.2018**

Andrea Mele
Curriculum Vitae

Place Roma
Date 30/11/2018

– Education

Type	Year	Institution	Notes (Degree, Experience,...)
Licensure: National Scientific Qualification	2014 (tornata 2012)	Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)	National scientific qualification (ASN) as Full Professor (Professore di I fascia, Settore concorsuale 11/E1-ssd M-PSI/02 Psicologia Generale, Psicobiologia e Psicometria – Abilitazione Scientifica Nazionale (ASN) 2012 con validità 2014-2020
Post-graduate training	1987-1990	Biological Psychiatry Branch, National Institute of Mental Health, Bethesda, MD, Usa	Research activity
University graduation	1986	Sapienza Università di Roma	Biological Sciences, 110/110 cum Laude
Pre-doctorate training	1981-1987	Istituto di Psicobiologia e Psicofarmacologia, C.N.R., Roma	Research activity

– Appointments

– Academic Appointments

Start	End	Institution	Position
2017	presente	Sapienza Università di Roma	Junior Fellow - Scuola di Studi Superiori Avanzati
2013	presente	Sapienza Università di Roma	Chair (Presidente) Master (LM) in Neurobiology - Dipartimento di Biologia e Biotecnologie, Facoltà di Scienze Matematiche Fisiche e Naturali
2013	2013	Sapienza Università di Roma	Coordinator PhD program in Psychobiology and Psychopharmacology
2010	2013	Sapienza Università di Roma	Coordinator Master (LM) in Neurobiology - Dipartimento di Biologia e Biotecnologie, Facoltà di Scienze Matematiche Fisiche e Naturali
2011	2014	Sapienza Università di Roma	Member of the Executive Board (Giunta) Dipartimento di Biologia e Biotecnologie
2013	2017	Sapienza Università di Roma	Member of the Executive Board (Giunta) Facoltà di Scienze Matematiche Fisiche e Naturali
2005	presente	Dipartimento di Genetica e Biologia Molecolare (at present Biologia e Biotecnologie) - Sapienza Università di	Associate Professor (SSD M-PSI/02)

		Roma	
2001	present	Sapienza Università di Roma	Member of the board of the PhD program in Psychobiology and Psychopharmacology (at present Behavioral Neuroscience)
2001	2005	Dipartimento di Genetica e Biologia Molecolare - Sapienza Università di Roma	Researcher (SSD M-PSI/02)
1990	2000	Dipartimento di Genetica e Biologia Molecolare - Sapienza Università di Roma	Technical assistant (collaboratore tecnico)

– Other Appointments

Start	End	Institution	Position
1993		Biological Psychiatry Branch – National Institute of Mental Health, Bethesda MD, USA	Visiting scientist
1987	1990	Biological Psychiatry Branch – National Institute of Mental Health, Bethesda MD, USA	Fogarty Fellow

– Teaching experience

Year	Institution	Lecture/Course
2016-	Sapienza Università di Roma	Psychopharmacology, Psychobiology (modulo I), Neurobiology of memory - Master (LM) in Neurobiology – Department Biology and Biotechnology, Faculty of Sciences
2016	Bordeaux University	Spatial memory and ventral striatal plasticity, International Master of Neuroscience (1 CFU)
2014-16	Sapienza Università di Roma	Psicofarmacologia, Psicobiologia (modulo I) Master (LM) in Neurobiology – Department Biology and Biotechnology, Faculty of Sciences
2014 - present	Universitat de Barcelona	On the neurobiology of memory, Master in Genetics and Genomics (1 CFU)
2012-14	Sapienza Università di Roma	Psicofarmacologia, Psicobiologia, Master (LM) in Neurobiology – Department Biology and Biotechnology, Faculty of Sciences
2005-2012	Sapienza Università di Roma	Insegnamenti nell'ambito del SSD M-PSI/02, Master (LS or LM) in Neurobiology – Department Biology and Biotechnology, Faculty of Sciences
2004-2008	Sapienza Università di Roma	Neuropsicofamacologia, first level degree in Biotechnology, Interfaculty
2001-present	Dottorato in Psicobiologia Psicofarmacologia Sapienza Università di Roma ora confluito nel Dottorato Neuroscienze del Comportamento	Member of the teaching staff of the PhD program in Psychobiology and Psychopharmacology (at present Behavioral Neuroscience)
2000-2002	Università di Chieti 'G. D'Annunzio'	Psicologia Generale, first level degree in Psychology.
1999-2001	Libera Università Maria SS. Assunta	Fondamenti anatomo fisiologici dell'attività psichica (modulo)

Major contributions to the early careers of excellent researchers
Mentored pre- and post-doctoral fellows (years at SAPIENZA, 1st author, total publication; present position):

Alessandro Usiello (1994-1995 – *1 first author publication; 2 publications*) – Faculty, University of Naples II

Francesca Sargolini (1996-2002 - *3 first author publications; 12 publications*) - Maître de Conférences Laboratoire de Neurosciences Cognitives UMR 7291 Aix-Marseille Université-CNRS – *first author on keynote paper 2014 Nobel prize to Ed and May Britt Moser.*

Roberto Coccurello (1998-2001 - *5 first author publications; 6 publication*) Researcher IBCN-C.N.R., Roma

AR

Pauline Lafenetre (1998 – *1 publication*) Maître de conférence, Université Bordeaux 1 & 2;

Elvira De Leonibus (1997-2002; 2004-2007 - *8 first author publications; 14 publications*) Researcher -C.N.R.; 1997-2002; 2004-2007;

Arianna Rinaldi (2002-2007 – *4 first author publications; 7 publications*) Assistant professor, Dipartimento di Biologia e Biotecnologie, Sapienza Università di Roma; 2002-2007;

Valentina Ferretti: (2002-2008 - *6 first author publications; 9 publications*) Fellow IIT;

PhD supervisor for Jeremy Camon, Samyutha Rejandran, Elisa Minicocci, Valentina Mastrorilli, Fabrizio Capitano, Valentina Perri, Giulia Torromino, Francesca Sargolini, Valentina Ferretti, Arianna Rinaldi, Roberto Coccurello, Elvira De Leonibus.

- Society memberberships, Awards and Honors

Society memberberships

Is and/or has been member of the Society for Neuroscience (SfN); European Brain and Behavior Society (EBBS); European Behavioural Pharmacology Society (EBPS); Federation of European Neuroscience Societies (FENS).

Selected lectures

Year	Title
2016	Lecture, University of Bordeaux
2015	Lecture, University of Sussex, Brighton
2015	Invited speaker, Symposium "EBRI at Sapienza University: a decade since its foundation",
2011	Invited speaker, Workshop "The emotional brain from neurobiology to new therapeutic opportunities",
2008	Invited speaker, International Symposium on Learning, Memory and Cognitive Function, Valencia.
2006	Lecture, EMBL, Monterotondo
2004	Invited speaker, EBPS Workshop on Neurobehavioural Plasticity
2002	Lecture, National Brain Institute, Amsterdam
2000	Invited speaker, FENS Forum, Brighton
1997	Invited speaker, EBBS Biannual Meeting, Tutzing.

Reviewer for national and international agencies

Human Frontiers Science Program (HFSP); Dutch Science Foundation (N.W.O.); MIUR (ANVUR); Agence Nationale Recherche (A.N.R., Fr).

Reviewer for peered reviewed journals

Neuroscience, Psychopharmacology, Pharmacology, Biochemistry and Behavior, Neural Plasticity, Neuropharmacology, Learning and Memory, PlosOne, Behavioral Brain Research, Neuroscience & Biobehavioral Reviews etc.

Meeting Organization

2013 - present - EMBL-Sapienza Neuroseminars; **2009** – Organizing committee - 13th Meeting EBPS, Rome; **2011** – Scientific and Organizing committee Tribute to Alberto Oliverio, Rome; **2007** - Organizing committee EBPS Workshop on Neurobehavioural Plasticity, Rome; **2007** - Scientific and Organizing committee: The Growth of Neuroscience since Daniel Bovet's Years, Roma.

- Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2017-	The neurobiological basis of the spacing	Narsad Independent Investigator	100,000$

2019	effect as a tool to identify new pharmacological targets for cognitive deficits (PI)	Grant	
2017	The neurobiological basis of the spacing effect (PI)	Sapienza-Ateneo	14,000€
2015	Neuroplasticità dalle molecule al comportamento (PI)	Sapienza-Convegni	4,000€
2015	Molecular and anatomical basis of memory (PI)	Sapienza-Ateneo	31,415€
2014	Disease mechanisms of working memory load capacity in ageing and Alzheimer (I)	AGESPAN-CNR	160,666€
2014	Role of cortico-striatal glutamatergic inputs onto D1R- or D2R-MSNs in the incubation of methamphetamine craving after voluntary abstinence (I)	Sapienza-Ateneo	13,000€
2014	Fenotipizzazione comportamentale in modelli animali di patologie umane (PI)	Sapienza-Grandi Attrezzature	41,316€
2010	Effects of MPEP and Merz compound on 6-OHDA induced cognitive deficits	Merz Pharmaceuticals	
2009	Basi molecolari e neuroanatomiche della memoria (PI)	Sapienza-Ateneo	14,000€
2007-2008	Stress and Cognition (PI work package 1.1)	ASI	156,838€
2007	DCMC (I)	ASI	88,928€
2006-2007	Aspetti motori e cognitivi del morbo di Parkinson II anno (PI)	Galileo-Università Italo Francese	5,000€
2005-2006	Aspetti motori e cognitivi del morbo di Parkinson (PI)	Galileo-Università Italo Francese	3,500€
2005	Basi molecolari della memoria:..... (PI)	Sapienza _ Ateneo Federato di Scienza e Tecnologia	2,200€
2005-2007	Effetto di trattamenti cronici con cannabinoidi sui processi cognitivi: periodi critici e basi biologiche (PI unità 2)	PRIN 2005	52,200€
2001-2004	Il sistema mesocorticolimbico nella plasticità comportamentale: modulazione genetica e ambientale dei rapporti funzionali tra strutture corticali e sottocorticali (I)	PRIN 2001	Non riportato sul sito MIUR
1999	Interazioni dopamina-glutamato nel nucleo accumbens: loro ruolo nella trattazione di stimoli ambientali (PI) Contributo di ricerca n. 99.02527.CT04(*)	CNR	10,000,000£
1996	Funzione e sito di azione degli antagonisti dei recettori NMDA nel modulare l'attività motoria (PI) 2nd year Contributo di ricerca n. 95.00102.CT04(*)	CNR	11,000,000£
1995	Funzione e sito di azione degli antagonisti dei recettori NMDA nel modulare l'attività motoria (PI) Contributo di ricerca n. 95.00850.CT04(*)	CNR	8,000,000£

– Research Activities

Keywords Brief Description

Striatum, accumbens Hippocampus	Neural circuits in memory consolidation
Glutamate receptors, consolidation	Temporal dynamic in experience dependent plasticity
Spatial memory, striatum, dopamine	Cognitive deficits in Parkinson disease

Top-7 senior author publications (of 26 senior author publications)

1. Roullet, P., Sargolini, F., Oliverio, A., & **Mele, A.** (2001). NMDA and AMPA antagonist infusions into the ventral striatum impair different steps of spatial information processing in a nonassociative task in mice. **The Journal of Neuroscience 21(6), 2143–9** - *first systematic description of the differential role of AMPA and NMDA receptors in long-term memory formation* (65 citations).
2. Rinaldi, A., Mandillo, S., Oliverio, A., & **Mele, A.** (2007). D1 and D2 receptor antagonist injections in the prefrontal cortex selectively impair spatial learning in mice. **Neuropsychopharmacology, 32(2), 309–19** (45 citations).
3. Rinaldi, A., Vincenti, S., De Vito, F., Bozzoni, I., Oliverio, A., Presutti, C., Fragapane, P., & **Mele, A.**. (2010). Stress induces region specific alterations in microRNAs expression in mice. **Behavioural Brain Research, 208(1), 265–9** – *first in vivo demonstration of brain region dependent stress induced modulation of miRNAs expression* (94 citations).
4. Ferretti, V., Roullet, P., Sargolini, F., Rinaldi, A., Perri, V., Del Fabbro, M., Costantini, V. J. A., Annese, V., Scesaa, G., De Stefano, M.E., Oliverio, A. & **Mele, A.** (2010). Ventral striatal plasticity and spatial memory. **Proceedings of the National Academy of Sciences of the United States of America, 107(17), 7945–50** - [Reviewed in: Bermudez-Rattoni (2010) Is memory consolidation a multiple-circuit system? PNAS (107): 8051-52] – *first evidence that successful consolidation of spatial information requires protein synthesis in the ventral striatum.* (24 citations).
5. Coccurello, R., Oliverio, A., & **Mele, A.** (2012). Dopamine-Glutamate Interplay in the Ventral Striatum Modulates Spatial Learning in a Receptor Subtype-Dependent Manner. **Neuropsychopharmacology : 37(5), 1122–1133** - *first time demonstration of a selective dopamine/glutamate receptors interactions and their role in shaping behavior* (14 citations).
6. De Leonibus, E., Managò, F., Giordani, F., Petrosino, F., Lopez, S., Oliverio, A., Amalric, M., & **Mele, A.** (2009). Metabotropic glutamate receptors 5 blockade reverses spatial memory deficits in a mouse model of Parkinson's disease. **Neuropsychopharmacology 34(3), 729–38** – *first demonstration, in a mouse model of Parkinson Disease, that systemic pharmacological treatments with drugs with potential therapeutic efficacy on motor symptoms can also reverse the cognitive deficits* (46 citations).
7. Ferretti V., Perri V., Cristofoli A., Vetere G., Fragapane P., Oliverio A., Ammassari Teule M., **Mele A.** (2015) AMPA receptor phosphorylation within the ventral striatum is required for long term spatial memory and plasticity. **Brain Structure and Function. Doi 10.1007/s00429-014-0816-7** - *first in vivo demonstration that AMPA receptors phosphorylation acts as an essential starting signal for long-term memory stabilization* (8 citations).

– Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	67	Scopus	1987	2018
Papers [national]				
Books [scientific]	2	Scopus	1984	1991
Book [scientific]	1	Google Scholar	1998	
Books [teaching]				

Total Impact factor	Scopus: 241.7 (dal 1991 – 62 lavori)
Total Citations	Scopus: 2373
Average Citations per Product	Scopus: 35.41 (67 lavori)
Hirsch (H) Index	Scopus: 32
Normalized H index*	Scopus: 0.914

AH

i10 index (papers with at least 10 citations)	Scopus: 54

*H index divided by the academic seniority.considering the first publication in 1984; l'I.F. has been calculated on 62 products on 67; I.F. could not be found for journals prior to 1990 and for Neurobiology of learning and memory in 1995. Database Scopus.

– Selected Publications (2018-2009)

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

1. Mannironi, C., Biundo, A., Rajendran, S., De Vito, F., Saba, L., Caioli, S., Zona., Ciotti, T., Caristi, S., Perlas, E., Del Vecchio, G., Bozzoni, I., Rinaldi, A., Mele, A., & Presutti, C. (2018). miR-135a Regulates Synaptic Transmission and Anxiety-Like Behavior in Amygdala. *Molecular Neurobiology*, *55*(4), 3301–3315. http://doi.org/10.1007/s12035-017-0564-9 (I.F.2017: 5.076; cit.: 2).
2. Capitano, F., Camon, J., Licursi, V., Ferretti, V., Maggi, L., Scianni, M., Del Vecchio, G., Rinaldi, Mannironi, C., Limatola, C., Presutti, C., & Mele, A. (2017). MicroRNA-335-5p modulates spatial memory and hippocampal synaptic plasticity. *Neurobiology of Learning and Memory*, *139*, 63–68. http://doi.org/10.1016/j.nlm.2016.12.019 (I.F.: 3.24; cit.: 4).
3. Capitano, F., Gargiuli, C., Angerilli, A., Maccaroni, K., Pelliccia, F., Mele, A., & Camilloni, G. (2016). RNA polymerase I transcription is modulated by spatial learning in different brain regions. *Journal of Neurochemistry*, *136*(4), 706–716. http://doi.org/10.1111/jnc.13504 (I.F.: 4.698; cit.: 5).

Editorial Highlight 'Ribosomal RNA – a tail wagging the dog?' *Journal of Neurochemistry 136*(4), 673 (2016)

4. Olivito, L., Saccone, P., Perri, V., Bachman, J. L., Fragapane, P., Mele, A., Huganir, R. L. & De Leonibus, E. (2016). Phosphorylation of the AMPA receptor GluA1 subunit regulates memory load capacity. *Brain Structure & Function*, *221*(1), 591–603. http://doi.org/10.1007/s00429-014-0927-1 (I.F.: 4.698; cit.: 8).
5. Capitano, F., Camon, J., Ferretti, V., Licursi, V., De Vito, F., Rinaldi, A., Vincenti, S., Mannironi, C., Fragapane, P., Bozzoni, I., Oliverio, A., Negri, R., Presutti, C., & Mele, A. (2016). microRNAs Modulate Spatial Memory in the Hippocampus and in the Ventral Striatum in a Region-Specific Manner. *Molecular Neurobiology*, *53*(7), 4618–30. http://doi.org/10.1007/s12035-015-9398-5 (I.F.: 6.19; cit.: 9).
6. Ferretti, V., Perri, V., Cristofoli, A., Vetere, G., Fragapane, P., Oliverio, A., Ammassari-Teule, M. & Mele, A. (2015). Phosphorylation of S845 GluA1 AMPA receptors modulates spatial memory and structural plasticity in the ventral striatum. *Brain Structure and Function*, *220*(5), 2653–2661. http://doi.org/10.1007/s00429-014-0816-7 (I.F.: 5.81; cit.: 8).
7. Gaglio, D., Capitano, F., Mastrodonato, A., Minicocci, E., Deiana, C., Fragapane, P., Camilloni, G., & Mele, A. (2014). Learning induced epigenetic modifications in the ventral striatum are necessary for long-term memory. *Behavioural Brain Research*, *265*, 61–8. http://doi.org/10.1016/j.bbr.2014.02.006 (I.F.: 3.028; cit.: 5).
8. Coccurello, R., Oliverio, A., & Mele, A. (2012). Dopamine-Glutamate Interplay in the Ventral Striatum Modulates Spatial Learning in a Receptor Subtype-Dependent Manner. *Neuropsychopharmacology : Official Publication of the American College of Neuropsychopharmacology*, *37*(5), 1122–1133. http://doi.org/10.1038/npp.2011.296 (I.F.: 8.68; cit.: 14).
9. De Leonibus, E., Costantini, V. J. A., Massaro, A., Mandolesi, G., Vanni, V., Luvisetto, S., Pavone, F., Oliverio, A., &... Mele, A. (2011). Cognitive and neural determinants of response strategy in the dual-solution plus-maze task. *Learning & Memory (Cold Spring Harbor, N.Y.)*, *18*(4), 241–4. http://doi.org/10.1101/lm.2074311 (I.F.: 4.22; cit.: 18).
10. Rinaldi, A., Vincenti, S., De Vito, F., Bozzoni, I., Oliverio, A., Presutti, C., Fragapane, p. & Mele, A. (2010). Stress induces region specific alterations in microRNAs expression in mice. *Behavioural Brain Research*, *208*(1), 265–9. http://doi.org/10.1016/j.bbr.2009.11.012 (I.F.: 3.39; cit.: 94).
11. Rinaldi, A., Romeo, S., Agustin-Pavón, C., Oliverio, A., & Mele, A. (2010). Distinct patterns of Fos immunoreactivity in striatum and hippocampus induced by different kinds of novelty in mice. *Neurobiology of Learning and Memory*, *94*(3), 373–81. http://doi.org/10.1016/j.nlm.2010.08.004 (I.F.: 3.7; cit.: 22).
12. Ferretti, V., Roullet, P., Sargolini, F., Rinaldi, A., Perri, V., Del Fabbro, M., Costantini, V. J. A., Annese, V., Scesa, G., De Stefano, M. E., Oliverio, A., & Mele, A. (2010). Ventral striatal plasticity and spatial memory. *Proceedings of the National Academy of Sciences of the United States of America*, *107*(17), 7945–50. http://doi.org/10.1073/pnas.0911757107 (I.F.: 9.77; cit.: 24).

Commented in 'Is memory consolidation a multiple-circuit system?' *Proc Natl Acad Sci U S A.* 107, 8051 (2010)

13. Tomassy, G. S., De Leonibus, E., Jabaudon, D., Lodato, S., Alfano, C., Mele, A., Macklis, J. D., & Studer, M. (2010).

Area-specific temporal control of corticospinal motor neuron differentiation by COUP-TFI. *Proceedings of the National Academy of Sciences of the United States of America*, *107*(8), 3576–81. http://doi.org/10.1073/pnas.0911792107 (I.F.: 9.77; cit.: 62).

14. Managò, F., Castellano, C., Oliverio, A., Mele, A., & De Leonibus, E. (2009). Role of dopamine receptors subtypes, D1-like and D2-like, within the nucleus accumbens subregions, core and shell, on memory consolidation in the one-trial inhibitory avoidance task. *Learning & Memory (Cold Spring Harbor, N.Y.)*, *16*(1), 46–52. http://doi.org/10.1101/lm.1177509 (I.F.: 4.079; cit.: 37).
15. De Leonibus, E., Managò, F., Giordani, F., Petrosino, F., Lopez, S., Oliverio, A., Amalric, M., & Mele, A. (2009). Metabotropic glutamate receptors 5 blockade reverses spatial memory deficits in a mouse model of Parkinson's disease. *Neuropsychopharmacology : Official Publication of the American College of Neuropsychopharmacology*, *34*(3), 729–38. http://doi.org/10.1038/npp.2008.129 (I.F.: 6.99; cit.: 45).

Other publications not selelcted for evaluation (1984-2018)

1. Cappucci, U., Torromino, G., Casale, A. M., Camon, J., Capitano, F., Berloco, M., ... Piacentini, L. (2018). Stress-induced strain and brain region-specific activation of LINE-1 transposons in adult mice. *Stress (Amsterdam, Netherlands)*, *0*(0), 1–5. http://doi.org/10.1080/10253890.2018.1485647
2. Mannironi, C., Camon, J., De Vito, F., Biundo, A., De Stefano, M. E., Persiconi, I., ... Presutti, C. (2013). Acute Stress Alters Amygdala microRNA miR-135a and miR-124 Expression: Inferences for Corticosteroid Dependent Stress Response. *PLoS ONE*, *8*(9), e73385. http://doi.org/10.1371/journal.pone.0073385 (I.F.: 3.534; cit.: 32).
3. Managò, F., Lopez, S., Oliverio, A., Amalric, M., Mele, A., & De Leonibus, E. (2013). Interaction between the mGlu receptors 5 antagonist, MPEP, and amphetamine on memory and motor functions in mice. *Psychopharmacology*, *226*(3), 541–50. http://doi.org/10.1007/s00213-012-2925-4 (I.F.: 3.988; cit.: 4).
4. Coccurello, R., Oliverio, A., & Mele, A. (2013). Impairing effect of amphetamine and concomitant ionotropic glutamate receptors blockade in the ventral striatum on spatial learning in mice. *Psychopharmacology*. http://doi.org/10.1007/s00213-013-2989-9 (I.F.: 3.988; cit.: 1).
5. Rinaldi, A., Oliverio, A., & Mele, A. (2012). Spatial memory, plasticity and nucleus accumbens. *Reviews in the Neurosciences*, *23*(5–6), 527–541. http://doi.org/10.1515/revneuro-2012-0070 (I.F.: 3.260; cit.: 12).
6. Ferretti, V., Sargolini, F., Oliverio, A., Mele, A., & Roullet, P. (2007). Effects of intra-accumbens NMDA and AMPA receptor antagonists on short-term spatial learning in the Morris water maze task. *Behavioural Brain Research*, *179*(1), 43–9. http://doi.org/10.1016/j.bbr.2007.01.009 (I.F.: 2.626; cit.: 29).
7. De Leonibus, E., Pascucci, T., Lopez, S., Oliverio, A., Amalric, M., & Mele, A. (2007). Spatial deficits in a mouse model of Parkinson disease. *Psychopharmacology*, *194*(4), 517–25. http://doi.org/10.1007/s00213-007-0862-4 (I.F.: 3.56; cit.: 47). (I.F.: 3.988; cit.: 47).
8. Lopez, S., Turle-Lorenzo, N., Acher, F., De Leonibus, E., Mele, A., & Amalric, M. (2007). Targeting group III metabotropic glutamate receptors produces complex behavioral effects in rodent models of Parkinson's disease. *The Journal of Neuroscience : The Official Journal of the Society for Neuroscience*, *27*(25), 6701–11. http://doi.org/10.1523/JNEUROSCI.0299-07.2007 (I.F.: 7.49; cit.: 79).
9. Pilo Boyl, P., Di Nardo, A., Mulle, C., Sassoè-Pognetto, M., Panzanelli, P., Mele, A., ... Witke, W. (2007). Profilin2 contributes to synaptic vesicle exocytosis, neuronal excitability, and novelty-seeking behavior. *The EMBO Journal*, *26*(12), 2991–3002. http://doi.org/10.1038/sj.emboj.7601737 (I.F.: 8.66; cit.: 86).
10. Rinaldi, A., Mandillo, S., Oliverio, A., & Mele, A. (2007). D1 and D2 receptor antagonist injections in the prefrontal cortex selectively impair spatial learning in mice. *Neuropsychopharmacology : Official Publication of the American College of Neuropsychopharmacology*, *32*(2), 309–19. http://doi.org/10.1038/sj.npp.1301176 (I.F.: 6.16; cit.: 45).
11. De Leonibus, E., Verheij, M. M. M., Mele, A., & Cools, A. (2006). Distinct kinds of novelty processing differentially increase extracellular dopamine in different brain regions. *The European Journal of Neuroscience*, *23*(5), 1332–40. http://doi.org/10.1111/j.1460-9568.2006.04658.x (I.F.: 3.709; cit.: 33).
12. Ferretti, V., Florian, C., Costantini, V. J. A., Roullet, P., Rinaldi, A., De Leonibus, E., ... Mele, A. (2005). Co-activation of glutamate and dopamine receptors within the nucleus accumbens is required for spatial memory consolidation in mice. *Psychopharmacology*, *179*, 108–116. http://doi.org/10.1007/s00213-005-2144-3 (I.F.: 3.994; cit.: 26).

13. De Leonibus, E., Oliverio, A., & Mele, A. (2005). A study on the role of the dorsal striatum and the nucleus accumbens in allocentric and egocentric spatial memory consolidation. *Learning & Memory (Cold Spring Harbor, N.Y.)*, *12*(5), 491–503. http://doi.org/10.1101/lm.94805 (I.F.: 4.142; cit.: 35).

14. Mele, A., Avena, M., Roullet, P., De Leonibus, E., Mandillo, S., Sargolini, F., … Oliverio, A. (2004). Nucleus accumbens dopamine receptors in the consolidation of spatial memory. *Behavioural Pharmacology*, *15*(5–6), 423–31. (I.F.: 2.301; cit.: 39).

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Il dichiarante

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