

PERSONAL INFORMATION	Francesca Capone
CURRENT POSITION	Researcher, PhD. Full time. Waiting to sign the contract as Senior Researcher
RESEARCH TOPICS / EXPERIENCES	<ul style="list-style-type: none"> ▪ Activities at national and European level, in the field of Research Infrastructures. ▪ Coordination of activities of the European Translational Medicine Infrastructure EATRIS-ERIC (European Advanced Translational Research-European Research Infrastructure Consortium) and the national node, A_IATRIS (Italian Advanced Translational Research Infrastructure Association). ▪ Chair of the Intellectual Property and Technology Transfer Platform of A_IATRIS; ▪ Scientific Director of the Intellectual Property and Technology Transfer Workshops ▪ Member of the Working Table with IRCCS Technology Transfer Offices, launched by the Ministry of Health. ▪ Participation in meetings of the Assembly of Participants, the Scientific Committee and the Board of Scientific Directors of the A_IATRIS Association. ▪ Member of the Scientific Technical Secretariat of the A_IATRIS Association. ▪ Deputy, since October 2015 in the Board of Governors of EATRIS-ERIC. ▪ National Coordinator for the European Research Infrastructure EATRIS-ERIC. Participation in the organization of meetings and courses, the drafting of documents, projects and technical reports within the Italian participation in the EATRIS-ERIC infrastructure and within A_IATRIS. ▪ Participation in the development and in the coordination of the capacity database of the A_IATRIS Association. ▪ Member of the group of coordinators for Advanced Therapy Medicines (ATMP) at Istituto Superiore di Sanità ▪ Research topics and experiences: <ul style="list-style-type: none"> ▪ a) Immune and nervous system interactions in opioid dependence; ▪ b) neurobehavioral effects of perinatal exposure to compounds used as flame retardants and environmental contaminants with cholinotoxic activity; ▪ c) role of neurotrophic factors (NGF and BDNF) in the response to acute and/or chronic stress and the role of these factors as mediators of the effects of the neonatal environment on brain plasticity and emotional behaviour and cognitive abilities of the adult individual; ▪ d) Cytokine secretion abnormalities of peritoneal macrophages from cerebellar mutant mouse and cytological analysis of the mouse knock-out for the RORalpha/staggerer gene; ▪ e) Involvement of Cholinergic system in learning and memory and in central modulation of pain ▪ Research experience at: 1) Department of Cell Biology and Neurosciences, Section of Behavioural Neurosciences, I.S.S., Rome, Italy; 2) Institute of Neuroscience, Université Pierre & Marie Curie, Paris, France; 3) Institute of Psychobiology and Psychopharmacology (C.N.R., Rome, Italy); 4) Institute of Human Physiology, University of Siena, Italy; 5) Institute of Pharmacology of Polish Academy of Sciences, Krakow, Poland.

SCIENTIFIC / TECHNICAL QUALIFICATION (Scopus Author ID:57190079195)	H-index:	16
	No. publications:	33
	No. citations:	1181
THEMATIC AREA KEYWORDS	Bio-pharma & health:	Translational Medicine, Life Sciences Research Infrastructure, Open Innovation, Technology Transfer, Advanced Therapy Medical Product, Neurotoxicology, Psychopharmacology, Neurosciences

EDUCATION AND TRAINING

2020/06/26	Master in Open Innovation and Intellectual Property. Luiss Guido Carli University, Business School Rome
2002/08/01 - .2004/07/31	Research Grant. Department of Natural Substances and General Physiology, Faculty of Pharmacy, University of Rome "La Sapienza". Research activity at the Istituto Superiore di Sanità
2001/03/15 - 2001/09/14	Research Grant. Institute of Neurobiology and Molecular Medicine of the CNR in Rome. Research activity at the Istituto Superiore di Sanità
1998-2000	Postdoctoral position. Institute of Neuroscience, Université Pierre & Marie Curie, Paris, France
1998/05/16	Ph.D. Degree in in Psychobiology and Psychopharmacology . University "La Sapienza", Rome, Italy.
1995- April	Qualification to practice the profession of biologist (after one year of internship)
1994/02/23	Bachelor's degree in Biological Sciences (Summa cum Laude) at the University "La Sapienza", Rome, Italy.

WORK EXPERIENCE

March 2024	Awarded the position of Senior Researcher, permanent position, she is waiting to sign the new contract
since 2018/01/01 to present	Researcher, permanent position Istituto Superiore di Sanità, Rome, Italy (https://www.iss.it)
since 2011/07/05 to 2017/12/31	Fixed term researcher Istituto Superiore di Sanità (https://www.iss.it)
since 2005/12/22 to 2010/12/21	Research assistant Istituto Superiore di Sanità (https://www.iss.it)
since 2011/03/16 to 2011/06/30	Research fellow Istituto Superiore di Sanità (https://www.iss.it)
since 2005/08/31 to 2005/12/15	Research fellow Istituto Superiore di Sanità (https://www.iss.it)
since 2004/08/30 to 2005/07/12	Research fellow Istituto Superiore di Sanità (https://www.iss.it)
since 2002/05/02	Research fellow

to 2002/08/01	Istituto Superiore di Sanità (https://www.iss.it)
From 2002/01/01 To 2002/03/31	Research fellow Istituto Superiore di Sanità (https://www.iss.it)
From 2001/11/12 To 2001/11/31	Research fellow Istituto Superiore di Sanità (https://www.iss.it)
From 2000/11/09 To 2000/12/31	Research fellow Istituto Superiore di Sanità (https://www.iss.it)

MAIN ROLES AND RESPONSIBILITIES

From March 2024	▪ Member of EATRIS Node Reward Review Committee
From March 2024	▪ ISS Technology Transfer Office Coordinator
From February 2024	▪ Main Italian representative in the Bord of Governors of EATRIS-ERIC
From July 2022 to present	<ul style="list-style-type: none"> ▪ Involved in the PNNR Project "Rome Technopole". Responsible for coordination activities of Spoke 2 of the ISS, with the aim of supporting the activities related to tasks 2.1 (Valorisation of research results for industrialisation), 2.2 (Valorisation of technologies for industrialisation), 2.5 (Training in technology transfer) and 2.6 (Patenting & licensing), within the Health & BioPharma. ▪ Member of the "Technology Transfer Training' Working Group coordinated by Prof. Trovalusci of the University of Tor Vergata, within the Rome Technopole project. ▪ Member of the working group 'Business acceleration and venture capital', coordinated by LVenture group, within the Rome Technopole project. ▪ Scientific Director of the course "Protezione della proprietà intellettuale e del marchio: focus su dispositivi medici e biotecnologie", organized by ISS within the Rome Technopole project (19 may 2023).
From august 2021 To present	▪ Involved in the agreement between the ISS and MiSE on the coordination of national interlocutors who intend to participate in the launch at European Union level of one or more European projects (IPCEI - Important Projects of Common European Interest) in the value chain of Smart Health and pharmaceuticals
From December 2020 To present	▪ Member of the working group formed to examine the operational and legal options to create centres of competence EATRIS, on a national basis.
From February To December 2019	▪ Member of the working group formed to identify and quantify contributions from each Member State to the implementation of the European infrastructure EATRIS-ERIC activities
From 2018 To present	▪ Chair of the platform of Intellectual Property and Technology Transfer of the Italian node A_IATRIS of the European RI EATRIS-ERIC
From 2018 To present	▪ Scientific Director of Intellectual Property and Technology Transfer Workshops organized at A_IATRIS institutes
From 2018 To present	▪ Italian representative in the Board of the National Coordinator for EATRIS-ERIC

From 2018 To present	<ul style="list-style-type: none"> Representative of the Personnel elected by the members of the Research Coordination and Support Service (CoRi, Istituto Superiore di Sanità)
From 2016 To present	<ul style="list-style-type: none"> Member of the Working Table with the Technology Transfer Offices of the IRCCS, promoted by the Ministry of Health.
Since 2015 To February 2024	<ul style="list-style-type: none"> Deputy in the Board of Governors of EATRIS-ERIC.
Since 2015 To present	<ul style="list-style-type: none"> Member of the Scientific Technical Secretariat of the A_IATRIS Association

SERVICE TO NATIONAL AND INTERNATIONAL COMMUNITY

From 2017 To present	<ul style="list-style-type: none"> I am interested in all the activities through which knowledge, produced by scientific research infrastructures, is transformed to create new therapeutic products, processes and strategies that have an impact on health practice and, ultimately, to increase the quality of services offered for the care of citizens.
From 2010 To present	<ul style="list-style-type: none"> I work for A_IATRIS the National Node of the European infrastructure EATRIS with the aim of providing a service to national and international users for the implementation of innovative strategies aimed at prevention, diagnosis and treatment of diseases of health and economic importance through collaborative projects or commissioned research.
From 2000 To 2010	<ul style="list-style-type: none"> At ISS I carried out research activities related to: <ul style="list-style-type: none"> The study of the neurobehavioural effects of perinatal exposure to compounds used as flame retardants and environmental contaminants with cholinotoxic activity. The study of the interactions between the immune and nervous systems in opiate addiction The study of the role played by neurotrophic factors (NGF and BDNF) in the response to acute and/or chronic stress and the role of these factors as mediators of the effects of the neonatal environment on brain plasticity and on the emotional behaviour and cognitive capacities of the adult individual. This basic research activity has been complemented by activities focusing both on animal welfare and the development of alternative methods to reduce suffering and distress in experimental animals. I have also been involved in the coordination of activities in the field of Animal Assisted Activities and Therapies.
From 2002/08/01 To 2004/07/31	<ul style="list-style-type: none"> Supported by a Research grant (2 years awarded by the Department of Natural Substances and General Physiology, Faculty of Pharmacy, "La Sapienza" University of Rome) at the Department of Cellular Biology and Neuroscience of the Istituto Superiore di Sanità (place of execution) I carried out research activity on "Behavioural neuroteratogenesis of halogenated compounds.
From 2001/03/15 To 2001/09/14	<ul style="list-style-type: none"> Supported by a Research grant (6 months - research grant awarded by the Institute of Neurobiology and Molecular Medicine of the CNR in Rome) at the Department of Cellular Biology and Neurosciences of the Istituto Superiore di Sanità, I carried out research activity on "Synthetic psychostimulants in juvenile and recreational contexts: contribution of a behavioural, neuroendocrine and physical-analytical approach for a comparative human-animal analysis"

From 1998 To 2000	<ul style="list-style-type: none"> ▪ During my post-doctorate at the Institut des Neurosciences, Université P. M. Curie in Paris in the laboratory Développement et Vieillessement du Système Nerveux I carried out research on: <ul style="list-style-type: none"> ▪ - abnormalities in the secretion of proinflammatory cytokines by peripheral macrophages in cerebellar Lurcher and Staggerer mutants ▪ - cytological analysis of Purkinje cells in adulthood and during ageing in knock-out mice for the RORalpha/staggerer gene.
From 1994 To 1998	<ul style="list-style-type: none"> ▪ While carrying out my research for the PhD thesis, in Psychobiology and Psychopharmacology at the University of Rome "La Sapienza", I collaborated with: <ul style="list-style-type: none"> ▪ - the Institute of Human Physiology at the University of Siena conducting research on the analgesic effects of the cholinergic agonist oxotremorin, in the formalin test. ▪ - the Institute of Pharmacology of the Polish Academy of Sciences in Cracow conducting research into 1) the expression of Immediate Early Gene and Nitric Oxide Synthase, in the spinal cord of rats, after administration of formalin, 2) the expression of genes coding for opioid peptides following tonic-type nociceptive stimulation in the rat.

TEACHING EXPERIENCE

From 2005 to 2006	<ul style="list-style-type: none"> ▪ Professor, Intensive Course of Recovery and Support in General Physiology, Faculty of Pharmacy, Department of Human Physiology and Pharmacology "Vittorio Erspamer", University of Rome "La Sapienza"
From 2004 to 2005	<ul style="list-style-type: none"> ▪ Professor, Intensive Course of Recovery and Support in General Physiology, Faculty of Pharmacy, Department of Human Physiology and Pharmacology "Vittorio Erspamer", University of Rome "La Sapienza"
From 2003 to 2004	<ul style="list-style-type: none"> ▪ Professor, Intensive Course of Recovery and Support in General Physiology, Faculty of Pharmacy, Department of Human Physiology and Pharmacology "Vittorio Erspamer", University of Rome "La Sapienza"
From 2002 to 2003	<ul style="list-style-type: none"> ▪ Professor, Intensive Course of Recovery and Support in General Physiology, Faculty of Pharmacy, Department of Human Physiology and Pharmacology "Vittorio Erspamer", University of Rome "La Sapienza" teaching experience details

MAIN RESEARCH EXPERIENCE

January 2024	Research project: EATRIS-CONNECT (HORIZON-INFRA2023-DEV-01-03 Consolidation of the RI landscape – Individual support for evolution and long-term sustainability of pan-European research infrastructures). The project (ca. €5mn total budget, 3 years duration) will evolve EATRIS' translational medicine capacities through digital transformation.
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<p>2022 to present</p>	<p>Research project on the Research and Innovation Programme presented on the MUR Notice No. 3277 of 30/12/2021, having identification code ECS000024, scope of intervention "Digital, industry and space", entitled "Rome Technopole". A three-year funded project by PNRR.</p> <p>Responsible for coordination activities of Spoke 2 (Technology transfer, new entrepreneurship, business incubation and acceleration) of the ISS, with the aim of supporting the activities related to tasks 2.1 (Valorisation of research results for industrialisation), 2.2 (Valorisation of technologies for industrialisation), 2.5 (Training in technology transfer) and 2.6 (Patenting & licensing), within the Health & BioPharma. Member of the Working Group: 'Training in Technology Transfer' and I was one of the organisers and scientific directors of the course 'Intellectual property and brand protection: focus on medical devices and biotechnology' held on 19 May 2023 in Rome at ISS . I'm also member of the Working Group 'Business Acceleration and Venture Capital', aimed at supporting the growth of start-ups and spin-offs. I participated in and was one of the organisers of the "Tech Transfer Day Spin-offs and Start-ups Meet the Investors", the first pilot fundraising event where selected spin-off and start-up teams from the academic and research world presented themselves to the Rome Technopole partners and potential investors.</p>
<p>2020-2023</p>	<p>Research Project: EATRIS-Plus Consolidating the Capacities of EATRIS-ERIC for Personalised Medicine, funded by the European Commission (4,999,023.75 Euro, Grant ID: 871096) under the call INFRADEV-3. It is a four-year project (deadline 31 December 2023) for the sustainability of infrastructure in the field of personalized medicine. The project, involving 19 partners, including all existing national infrastructure nodes, aims at developing further capacities and providing innovative scientific tools to support the long-term sustainability of EATRIS.</p> <p>Role: I'm mainly involved in Work Package 4 which has, among its objectives, the creation of a regulatory task-force able to support, the infrastructure even beyond the end of the project itself.</p>
<p>2019-2022</p>	<p>Research project: ADVANCE project funded by the European Commission in the framework of the Erasmus Plus project (375.000 Euro) involving five European partners,.</p> <p>Role: I participate in meetings and discussions related to the programming of webinars and provides scientific support to the organization of courses aimed at training biomedical scientists at the beginning of their career to make ATMP developers competent and prepared.</p>
<p>2017-2021</p>	<p>Research project: EURE-CART project (European Endeavour for Chimeric Antigen Receptor Therapies), financed by European Commission (5.903.146 Euros) as part of funds for new therapies for chronic diseases (including cancer) the Research and Innovation Framework Programme "Horizon 2020" (H2020-EU.3.1.3 - Grant agreement ID: 733297).</p> <p>Role: I was involved, in particular, in Work Package 3, the aim of which was to establish contact with the national regulatory authorities of four EU countries (IT, DE, ES, CZ) in order to promote harmoniously, the application of EU legislation on advanced therapies and, in particular, on CAR-T cells. I am among the authors of "A White Paper on the Regulatory issues of CAR-T cells"</p> <p>https://ec.europa.eu/research/participants/documents/downloadPublic?documentIds=080166e5df2bc67b&appId=PPGMS</p>

OTHER RELEVANT EXPERIENCES

2023	<ul style="list-style-type: none"> Round table member at the event "Life Science TTO Network PerfeTTO ed Industria. Opportunità e Criticità del Trasferimento Tecnologico organized by Istituto Nazionale Tumori Fondazione G. Pascale, 18 december ,Naples
2023	<ul style="list-style-type: none"> Participation at the Webinar "IP IN OPEN INNOVATION" organized by NETVAL, 18 October (online).
2023	<ul style="list-style-type: none"> Participation at the Workshop "Modifiche al Codice della Proprietà Industriale Organized by NETVAL, 9 October (online)
2023	<ul style="list-style-type: none"> Participation in Tech Transfer Day Spin-off e Startup incontrano gli investitori Rome Technopole - Spoke 2, Università degli Studi di Roma Tor Vergata, 22 June, Rome
2023	<ul style="list-style-type: none"> Oral presentation at "Protezione della proprietà intellettuale e del marchio: focus su dispositivi medici e biotecnologie", organized by ISS within the Rome Technopole project, 19 May, Rome
2022	<ul style="list-style-type: none"> Oral presentation at the Workshop "Tutela della Proprietà Intellettuale (IP) e dei Risultati della Ricerca", IRCCS, Istituto Nazionale Tumori Fondazione G. Pascale, 16 December Naples
2022	<ul style="list-style-type: none"> Oral presentation at the Course "Tutela della proprietà intellettuale e valorizzazione dei prodotti della ricerca", organized by ISS, 5 December, Rome
2022	<ul style="list-style-type: none"> Participation in the Technology Transfer School for IRCCS researchers, organized under the patronage of the Ministry of Health, 6-7 October, IRCCS Neuromed, Isernia, Italy
2022	<ul style="list-style-type: none"> Participation at the "Evento di brokerage: la ricerca sanitaria incontra l'industria" 13 July (online)
2018-2020	<ul style="list-style-type: none"> Oral presentations at 5 Intellectual Property and Technology Transfer Workshops organized by A_IATRIS at the member institutes of the association
2019	<ul style="list-style-type: none"> Participation in the Technology Transfer School for IRCCS researchers, organized under the patronage of the Ministry of Health, Istituto Oncologico Veneto (IRCCS) Padua, Italy
2017	<ul style="list-style-type: none"> Participation in the Technology Transfer School for IRCCS researchers, organized under the patronage of the Ministry of Health, 5-6 October, Aviano PN, Italy

HONOURS, AWARDS, MEMBERSHIPS, OTHER QUALIFICATIONS

2019	<ul style="list-style-type: none"> INPS scholarship for "Professional Executive Master " in Open Innovation & Intellectual Property. Case number 089201900008451
2004	<ul style="list-style-type: none"> 1st prize for "The best post-doctoral research project". "XXI International Conference of Neurotoxicology - Studies of Infantile and Infantile Neurotoxicity", Honolulu
2002	<ul style="list-style-type: none"> Fellowship by Italian National Research Council in the field of Neurosciences
2000	<ul style="list-style-type: none"> TMR fellowship. Neuril project (Role of Brain interleukin-1 receptors in mental and neurological diseases)
1998	<ul style="list-style-type: none"> Fellowship by Fondazione Istituto Pasteur-Fondazione Cenci Bolognetti, by the University "La Sapienza" of Rome

1997	▪ Fellowship by Fondazione Istituto Pasteur-Fondazione Cenci Bolognetti, by the University "La Sapienza" of Rome
1997	▪ Fellowship from Italian National Research Council in the field of Biological sciences and Medicine
1997	▪ Fellowship by Fondation pour la Recherche Medicale

ADDITIONAL INFORMATION

Publications

- 2023** Capone F, Morrow D., Moretti F. Ensuring efficient development of personalized medicine by addressing regulatory needs: what role can research infrastructures play? *International Journal of Biological Markers*, 2023, 38 (2), pp 77-80.
- 2022** Capone F, De Nuccio C., Moretti F. "La piattaforma Intellectual Property & Technology Transfer dell'Associazione A_IATRIS: un compendio per valorizzare i risultati della ricerca". *Not Ist Super Sanità* 2022;35(12):8-12
- Capone F, De Nuccio C, Moretti F. A_IATRIS e la Piattaforma Intellectual Property & Technology Transfer. Zenodo; 2022 (doi: 10.5281/zenodo.6351321).
- 2021** EURECART – "White paper on CAR-T cell therapy development: regulatory issues and challenges to harmonize translation from bench to bedside", Maria Cristina Galli (ISS), Marcos Timon (AEMPS), Yuan Zhao (NIBCS-MHRA), Concetta Quintarelli (OPBG), Fabio Ciceri (HSR), Zdeněk Kořístek (UHO), Javier Briones (PAU), Michael Hudecek (UKW), Romaldas Maciulaitis (VVKT), Axel Stahlbom (SOFOS) (as members of RAC), Francesca Capone, Marcello Belfiore, Franca Moretti (as participants in the project WP3). 2021
- 2019** Capone F, De Nuccio C, Minghetti L, Moretti F. A_IATRIS e i Workshop itineranti: l'importanza della formazione dei ricercatori sulla proprietà intellettuale e sul trasferimento tecnologico per valorizzare i risultati della ricerca. *Not.Ist. Super Sanità 2019 IN PRESS*
- 2018** Moretti F, Capone F, Traversari C, Galli MC. Il progetto europeo EURE-CART: l'I.S.S. tra i partner del nuovo approccio terapeutico e personalizzato per sconfiggere le malattie neoplastiche. *Not.Ist. Super Sanità* 2018; 31(11):3-5.
- 2016** Capone F, La Sorsa V, Minghetti L, Moretti F. Report del Convegno "L'Infrastruttura di Ricerca italiana per la medicina traslazionale: la promozione della salute incontra innovazione competitività e sviluppo. *Not.Ist Super Sanità* 2016;29(11-12):11-13
- 2014** Calzolari A, Valerio A, Capone F, Napolitano M, Villa M, Pricci F, Bravo E, Belardelli F. The European Research Infrastructures of the ESFRI Roadmap in Biological and Medical Sciences: status and perspectives. *Ann. Ist. Super. Sanità*. 2014;50(2):178-85. Bravo E., Pricci F., Valerio A., Rizza P., Moretti F., Capone F., Belardelli F. "Le infrastrutture per la Ricerca Traslazionale per la Salute e il ruolo dell'Istituto Superiore di Sanità". Istituto Superiore di Sanità, novembre 2014
- 2011** Capone F, Lombardini L., Pupella S., Grazzini G., Nanni Costa A., Migliaccio G. Cord blood stem cell banking: a snapshot of the italian situation. *Transfusion-* 2011 Sep;51(9):1985-94.
- 2010** Cirulli F, Berry A, Bonsignore LT, Capone F, D'Andrea I, Aloe L, Branchi I, Alleva E. Early life influences on emotional reactivity: evidence that social enrichment has greater effects than handling on anxiety-like behaviors, neuroendocrine responses to stress and central BDNF levels. *Neurosci Biobehav Rev*. 2010 May;34(6):808-20.. Review. Berry A, Aloe L, Rossi S, Bonsignore LT, Capone F, Alleva E, Cirulli F. Conjointly administered NGF antibody reduces pain sensitivity and anxiety-like behavioral responses in aged female mice. *Behav Brain Res*. 2010 Jul 11;210(2):284-7.
- Capone F., Carella C., Botta R., Migliaccio G. "Cellule staminali del cordone ombelicale: donazione o conservazione per uso proprio?". *Avvenire Medico*, 4-2010 pp.27-28.
- 2008** Capone F., Adriani W., Shumilina M., Izykenova G., Granstrem O., Dambinova S., Laviola G. Autoantibodies against opioid or glutamate receptors are associated with changes in morphine reward and physical dependence in mice. *Psychopharmacology (Berl)*. 2008 May;197(4):535-48.
- Cirulli F., Capone F., Alleva E. "Terapie e Attività assistite con gli Animali: approcci innovativi

per integrare terapie tradizionali e migliorare la qualità della vita dell'anziano". Pro Terza Età, Trimestrale di management e cultura d'impresa nelle residenze per gli anziani Numero 38 - Anno XIV - marzo 2008. pp.10-15

2007 Giachino C., Canalia N., Capone F., Fasolo A., Alleva E., Riva M.A., Cirulli F., Peretto P. Maternal deprivation and early handling affect density of calcium binding protein-containing neurons in selected brain regions and emotional behavior in periadolescent rats. *Neuroscience*. 2007 Mar 16;145(2):568-78..

Capone F., Bompadre G., Cinotti S., Alleva E., Cirulli F. Beneficial effects of pet relationships: results of a pilot study in Italy. *Rapporti ISTISAN*. 2007;07(40):74-84.
 Cirulli F., Capone F., Bompadre G., Cinotti S., Alleva E. Verso una strutturazione del rapporto uomo-animale: la pet therapy. Risultati di un censimento nella regione Emilia Romagna. *Rapporti ISTISAN*. 2007;07(35):8-19.

2006 Cirulli F., Capone F., Bonsignore L.T., Aloe L., Alleva E. Early behavioural enrichment in the form of handling renders mouse pups unresponsive to anxiolytic drugs and increases NGF levels in the hippocampus. *Behav Brain Res*. 2007 Mar 28;178(2):208-15.

Berry A., Capone F., Giorgio M., Pelicci P.G, DeKloet R., Minghetti L., Cirulli F. Deletion of the life span determinant p66Shc prevents age-dependent increases in emotionality and pain sensitivity in mice. *Exp Gerontol*. 2007 Jan-Feb;42(1-2):37-45.

Laviola G, Capone F., Adriani W, Granstrem O, Herning RI. Implication of autoantibodies to neuro-receptor fragments in etiology of compulsive behaviour and drug addiction. In: Garaci E, D'Addazio C, Giuliano F, ed. ISS/NIH Collaborative Programme 2006 Progress report meeting. Istituto Superiore di Sanità. Rome, July 4-6, 2006. Proceedings. Roma: Istituto Superiore di Sanità; 2006. *Rapporti ISTISAN* 06/50. p.109-114.

Doulazmi* M., Capone F.*, Frédéric F., Bakouche J., Lemaigre-Dubeuil Y., Mariani J. Cerebellar purkinje cell loss in heterozygous roralpha+/- mice: a longitudinal study. *J Neurogenet*. 2006 Jan-Jun;20(1-2):1-17. Erratum in: *J Neurogenet*. 2007 Jan-Jun;21(1-2):73. *Authors contributed equally to this work.

Ricceri L., Venerosi A., Capone F., Cometa M.F., Lorenzini P., Fortuna S., Calamandrei G. Developmental neurotoxicity of organophosphorous pesticides: fetal and neonatal exposure to chlorpyrifos alters sex-specific behaviors at adulthood in mice. *Toxicol Sci*. 2006 Sep;93(1):105-13.

2005 Capone F., Venerosi A., Puopolo M., Alleva E., Cirulli F. Behavioral responses of 129/Sv, C57BL/6J and DBA/2J mice to a non-predator aversive olfactory stimulus. *Acta Neurobiol Exp (Wars)*. 2005;65(1):29-38.

Branchi I., Capone F., Vitalone A., Madia F., Santucci D., Alleva E, Costa L. Early developmental exposure to BDE 99 or Aroclor 1254 affects neurobehavioural profile: interference from the administration route. *Neurotoxicology*. 2005 Mar;26(2):183-92.

2004 Capone F., Aloisi A.M. Refinement of pain evaluation techniques. The formalin test. *Ann Ist Super Sanità*. 2004;40(2):223-9. Review.

Madia F., Giordano G., Fattori V., Vitalone A., Branchi I., Capone F., Costa L.G. Differential in vitro neurotoxicity of the flame retardant PBDE-99 and of the PCB Aroclor 1254 in human astrocytoma cells. *Toxicol Lett*. 2004 Dec 1;154(1-2):11-21.

2003 Branchi I., Capone F., Alleva E., Costa L.G. Polybrominated diphenyl ethers: neurobehavioral effects following developmental exposure. *Neurotoxicology*. 2003 Jun;24(3):449-62. Review.

Venerosi A., Cirulli F., Capone F., Alleva E. Prolonged perinatal AZT administration and early maternal separation: effects on social and emotional behaviour of periadolescent mice. *Pharmacol Biochem Behav*. 2003 Feb;74(3):671-81.

2002 Capone F., Puopolo M., Branchi I., Alleva E. A new easy accessible and low-cost method for screening olfactory sensitivity in mice: behavioural and nociceptive response in male and female CD-1 mice upon exposure to millipede aversive odour. *Brain Res Bull*. 2002 Jun;58(2):193-202.

2001 Olivieri N., Capone F., Puopolo M., Santucci D., Alleva E. Response of CD-1 mice to the chemical defence of a common arthropod (*Ommatoius sabulosus*). *Physiol Behav*. 2001 Oct;74(3):305-11.

Doulazmi M., Frédéric F., Capone F., Delhaye-Bouchaud N., Mariani J. A comparative study of Purkinje cells in two RORalpha gene mutant mice: staggerer and RORalpha(-/-).

Brain Res Dev Brain Res. 2001 Apr 30;127(2):165-74.

1999 D'Amato F.R., Mazzacane E., Capone F., Pavone F. Effects of postnatal manipulation on nociception and morphine sensitivity in adult mice. Brain Res Dev Brain Res. 1999 Oct 20;117(1):15-20.

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"According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV."

Rome, 08/03/2024

A handwritten signature in blue ink that reads "Francesca Capone".