CURRICULUM VITAE

Cristina Maria Alberini, Ph.D., L.P.
Professor, The Center for Neural Science
New York University
4 Washington Place
New York, NY 10003

Current Position: Professor, Center for Neural Science
New York University, New York, NY
Associate Investigator, Neuroscience Institute,
NYU Langone Medical Center, New York, NY
Adjunct Professor, Department of Neuroscience, Psychiatry and Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York, NY

ACADEMIC APPOINTMENTS:

1989-2003	Assistant Professor (Ricercatore Confermato) Chemistry Institute, Medical School University of Brescia, Brescia, Italy
1997-2000	Assistant Professor Department of Neuroscience Brown University, Providence, RI
2001-2004	Assistant Professor Department of Physiology and Biophysics Icahn School of Medicine at Mount Sinai, New York, NY
2004-2007	Associate Professor Department of Neuroscience, with secondary appointments in Psychiatry and Physiology and Biophysics Icahn School of Medicine at Mount Sinai, New York, NY
2007-2010	Associate Professor, with Tenure Department of Neuroscience, with secondary appointments in Psychiatry and Structural and Chemical Biology Icahn School of Medicine at Mount Sinai, New York, NY
2010-2011	Professor, with Tenure

	Department of Neuroscience, with secondary appointments in Psychiatry and Structural and Chemical Biology Icahn School of Medicine at Mount Sinai, New York, NY
2011-present	Professor, with Tenure The Center for Neural Science New York University, New York, NY
2012-present	Member of The Emotional Brain Institute, New York University

HOSPITAL APPOINTMENTS: None

EDUCATION:

1981	Doctor in Biology (Laurea) Summa Cum Laude, University of Pavia, Pavia, Italy, July 17, 1981. Dissertation: "*New method for detecting the biological activity of human immunoglobulins in vitro".* Mentors: Prof. Roberto Burgio, Prof. Alberto Ugazio
1988	Ph.D. in Immunology (Dottorato di Ricerca), University of Genoa, Genoa, Italy, June 16, 1988. Dissertation: *"Expression of membrane and secreted forms of T cell antigen receptor αβ".* Mentors: Prof. Ellis Reinherz (Harvard U.), Prof. Oreste Acuto (Harvard U.)
1985-1987	Post-doctoral Research Fellow, Laboratory of Immunobiology, Dana Farber Cancer Institute, Harvard Medical School, Boston, MA, USA Mentors: Prof. Oreste Acuto, Prof. Ellis Reinherz
1987-1989	Post-doctoral Research Fellow, Laboratory of Molecular Biology, Chemistry Institute, University of Brescia, Brescia, Italy Mentors: Prof. Alberto Ugazio, Prof. Alberto Albertini
1991-1994	Post-doctoral Research Fellow, Center for Neurobiology and Behavior, Columbia University, New York, NY, USA Mentor: Prof. Eric Kandel
2003-2013	Psychoanalytic training at National Psychological Association for Psychoanalysis (NPAP)

CERTIFICATION: Not Applicable

LICENSURE:

2012	Licensed Psychoanalyst (LP), New York State

HONORS/AWARDS/PATENTS:

1991-1993	Human Frontier Science Program Organization Long-term Fellowship
1993-1994	TELETHON Long-term Fellowship
1994	CNR Short-term Fellowship
1998	R.B. Salomon Faculty Research Award
2002-2007	Hirschl-Weill Career Scientist Award
2008-2009	NARSAD Independent Investigator Award
2009	Golgi Medal Award
2010	McKnight Memory and Cognitive Disorder Award
2011	Dean's Award for Excellence in Basic Science Research
2012	Opening lecture to "The Bernice Grafstein Lecture in Neuroscience"
2012	Premio Atena 2012 per la Ricerca (Atena's Prize 2012). Medaglia del Presidente della Repubblica Italiana
2012	Paul Harris Fellow—Rotary Club Cremona
2013	MERIT (Method to Extend Research in Time) award for research grant R01 MH065635
2015	Member Aspen Institute Italia
2016	Premio PAIR (Prize for American-Italian Relations)
2017	Member of the Dana Alliance for Brain Initiatives
2017	Jacob K. Javits Visiting Professor at NewYork University
2017	Member of the Council of the Harvey Society

2017 Co-chair of the International Neuropsychoanalysis Society

OTHER PROFESSIONAL APPOINTMENTS:

2002-present Member of the Council of the Molecular and Cellular Cognition Society
2006-2009 Elected Treasurer of the Molecular and Cellular Cognition Society
2004-2011 Member of the Editorial Board of Neural Plasticity
2007-2014 Associate Editor, Frontiers in Neuroscience
2008-2017 Member of the Editorial Board of Neurobiology of Learning and Memory
2008-present Member of the Learning and Memory (LAM) study section, NIH
2009-2011 Co-Director of the Center of Excellence "Cognitive and Behavioral Neuroscience and Plasticity"
2009-2012 Elected President of the Molecular and Cellular Cognition Society
2011-present Member of the Editorial Board of Behavioral Neuroscience
2011-present Member of the Editorial Board of Learning and Memory
2014-present Member of the European Brain Research Institute (EBRI) International Scientific Council (ISC)
2016-2017 Section Editor for Cellular and Molecular Neuroscience of *Hippocampus*
2017-present Editor in Chief of *Hippocampus*
2018-present Member of the Editorial Board of *GLIA*

ADMINISTRATIVE LEADERSHIP APPOINTMENTS:

2003-2005 Co-Director of the Summer Undergraduate Research Program (SURP) at the **Icahn School of Medicine at Mount Sinai**

Student Thesis Committee: Stephen Taubenfeld (Preceptor), Maria Milekic (Preceptor), Alex Proekt, Nikolai Dembrow, Panayiotis Tsokas, Tara Lauriat, Jul Lea Shami, Pamela Kennedy, Noura Abul-Husn, Bonnie Fletcher, Tao Ma, Justin Costa, Allyson Friedman, Dillon Chen (Preceptor), Dhanajay Bambah-Mukku (Preceptor), Sarah Stern (Preceptor), Virginia Gao (Preceptor), Amy Kohtz (Preceptor), Keria Bermudez Hernandez, Gauri Wable, Ashley Kopec, Mariela Mitre, Benjamin Lee, Thu Huynh, Susan Sheng (Preceptor), Florian Chmetz, Luendreo Barboza (Preceptor), Aaron Katzman (Preceptor), Janelle Miranda (Preceptor) Ilona Kats, Adrienne Naomi Santiago, Talwar Vaishali, Anamaria Alexandrescu.

ADMINISTRATIVE RESPONSIBILITIES/APPOINTMENTS:

1997-2000 Neuroscience Graduate Program Member, Brown University
1998-2000 Neuroscience Undergraduate Curriculum Committee, Brown University
1998-2000 Molecular and Cell Biology Graduate Program, Brown University
1997-2000 Neuroscience Undergraduate Concentration Advisor, Brown University
2001-2011 Biological Sciences Graduate Program Member, Icahn School of Medicine at Mount Sinai

2003-2005	Director of the Summer Undergraduate Research Program (SURP) Icahn School of Medicine at Mount Sinai
2006-2011	SRF advisory Committee, Icahn School of Medicine at Mount Sinai
2006-2011	Planning of Animal Facility Committee, Icahn School of Medicine at Mount Sinai
2012-present	Neuroscience graduate program admission committee, NYU

REVIEW PANEL/STUDY SECTION:

2001, 2002	Ad hoc grant Reviewer for the Israel Science Foundation
2003	Ad hoc grant Reviewer for the Welcome Trust
2005	Ad hoc Review Panel Member F03A Neurodevelopment, Synaptic Plasticity and Neurodegeneration Fellowship Study Section
2005	Ad hoc Mock Committee NINDS Specialized Neuroscience Research Program at the University of Puerto Rico
2006	Ad hoc Reviewer for The National Institute on Drug Abuse (NIDA) "Cutting Edge Basic Research Award Program" (CEBRA) grant
2006	Ad hoc grant Reviewer for the Israel Science Foundation
2006	Ad hoc Intramural NIH/NIMH Review Panel
2006	Ad hoc Reviewer for Special Emphasis Panel, NIH
2006	Ad hoc Review for MRC-Cambridge Grant application
2007	Ad hoc Review for Special Emphasis Panel, NIH
2007	Ad hoc National Science Foundation Panelist (Modulation)
2007-2008	Ad hoc Behavioral Neuroscience (NRSA) Fellowship study section
2008	Ad hoc Special Emphasis Panel/Scientific Review Group
2009-10	Veterans Affairs
2008-2012	Regular Member, Neurobiology of Learning and Memory (LAM) study section, NIH
2009	Ad hoc, ARRA
2009	Ad hoc, NIMH Board of Scientific Counselors' (BSC) evaluation, Washington DC
2011	Ad hoc, NIMH Board of Scientific Counselors (BSC), Washington
2012-2016	Faculty Merit Evaluation Committee, NYU
2012-present	Faculty Search Committee CNS-BIOLOGY
2013	Ad hoc, NIH Director's New Innovator Award Program (DP2)
2013	Ad hoc, Reviewer Ministry of Education, Universities and Research (Ministero dell'Istruzione, dell'Università e della Ricerca, MIUR), Committee for the selection of Teaching and Research project "Messaggeri"
2016	Ad hoc reviewer, NIEHS Board of Scientific Counselors' (BSC) evaluation, Research Triangle Park, NC
2016	Ad hoc, NIH Director's New Innovator Award Program (DP2)
2017-2018	Ad hoc, NIH/CSR Biobehavioral Regulation, Learning, and Ethology (BRLE)

Student Thesis Committee External Advisor:

Krisztian Kovacs (EPFL, Lausanne, Switzerland); Chris Pittenger (Columbia University); Kartik Ramamoorthi (MIT); Kuangfu Katie Hsiao (Icahn School of Medicine at Mount Sinai); Florian Chmetz (FBM/UNID of the University of Lausanne), Eric Szelenyi (Stony Brook University)

MEETING ORGANIZATION:

2003	Organized the session "Genes, gene expression and long-term memory" at the Winter Conference on Neural Plasticity. Guadeloupe
2004	Organized the session "The role of neurogenesis in adult brain" at the Winter Conference on Neural Plasticity. St. Lucia
2006	Molecular and Cellular Cognition Society (MCCS) Summer School, Venice, Italy
2010	Molecular and Cellular Cognition Society (MCCS), Chicago.
2011	Molecular and Cellular Cognition Society (MCCS), Washington DC.
2012	Frontiers in Stress and Cognition: From Molecules to Behavior, Ascona, Switzerland.
2012	Molecular and Cellular Cognition Society (MCCS), New Orleans.
2016	Co-organized with Wendy Suzuki and Yadin Dudai the conference "Frontiers in Memory Research", NYU La Pietra, Florence June 27-29, 2016
2017	Co-organizer with Yadin Dudai and Lila Davachi of the conference "Advances in Memory Systems" New York

SOCIETIES:

Member of the Council for Molecular and Cellular Cognition Society
Member of Society for Neuroscience, USA
Member of the American Physiological Society
Member of MCCS, Molecular and Cellular Cognition Society
Member of NAAP, National Association for the Advancement of Psychoanalysis
Member of the International Neuropsychoanalysis Society

TRAINING RECORD:

Name	Level of Trainee	Role in Training And Inclusive dates Training	Trainee current status

Dario Finazzi	Post-doc MD/Ph.D. Student	Supervisor 1988-91 Thesis Advisor 1995-96	Assist. Prof Univ. of Brescia (Italy)
Anna Fra	Ph.D. Student	Thesis Advisor 1988-91	Assist. Prof. Univ. of Brescia (Italy)
Sara Ingrassia	Post-doc	Supervisor 1995-96	Assist. Prof. Univ. of Brescia (Italy)
Stephen Taubenfeld	MD/Ph.D. Student	Thesis Supervisor 1997-00 Supervisor 2005-2008	Post-doc MSSM Senior Analyst Iguana Healthcare Partners
Maria Milekic	Ph.D. Student	Thesis Supervisor 2000-2005	Associate Research Scientist, Columbia Univ.
Khatuna Gagnidze	Ph.D. Student	Supervisor 2002-2005	Research Associate, Rockefeller Univ.
Sheena Brown	PREP Student 2004-2005	Supervisor	Clinical Assistant Professor, Mercer Univ.
Ana Garcia-Osta	Post-doc	Supervisor 2001-2006	Assist. Prof. Res. Univ. of Pamplona (Spain)
Claudia Castellini	Post-doc	Supervisor 2001-2002	Global Account, Cerved Grouped SPA, Bologna (Italy)
Sophie Tronel	Post-doc	Supervisor 2004-2006	Research Associate CNRS Univ. of Bordeaux (France)
Dillon Chen	MD/Ph.D. Student	Thesis Supervisor 2006-2011	Child neurology Resident at UCSD (University of California San Diego)
Justin Riceberg	Ph.D. Student	Supervisor 2007-2009	Postdoctoral Fellow at MSSM

Elizaveta Muravieva	Post-doc	Supervisor 2008-2010	
Carmen Inda	Post-doc	Supervisor 2008-2011	Post-doc Sloan-Kettering
Akinobu Suzuki	Post-doc	Supervisor 2008-2011	Assist. Prof Toyama Univ. Japan
Melissa Noel	Post-doc	Supervisor 2009-2010	Biology Professor at Bard High School Early College, New York
Amy Arguello	Post-doc	Supervisor 2009-2010	Assistant Professor, Psychology, Michigan State University
Dhananjay Bambah-Mukku	Ph.D Student	Thesis Supervisor 2008-2013	Post-doc Harvard University
Sarah Stern	Ph.D. Student	Thesis Supervisor 2009-2014	Post doc Rockefeller Health Institute
Virginia Gao	MD/Ph.D. Student	Thesis Supervisor 2011-2016	Resident, Neurology Weill Cornell Medical School
Xiaojing Ye	Post-doc	Supervisor 2011-2017	Assistant Professor, Zhongshan School of Medicine, Sun Yat-Sen University, China
Amy Kohtz	Ph.D. Student	Thesis Supervisor 2012-2014	Post-doc, Rutgers Brain South Carolina
Michael Garelick	Post-doc	Supervisor 2011-2014	Patent technical advisor at Cooley LLP, Seattle,WA
Reto Bisaz	Post-doc	Supervisor 2011-2014	Regulatory Affairs Associate at Merz Pharma (Schweiz) AG Basel, Switzerland
Sarah Johnson	Post-doc	Supervisor	Post-doctoral Fellow

		2012-2014	Univ. of Florida
Charles Finsterwald	Post-doc	Supervisor 2012-2014	Scientist EPFL Lausanne, Switzerland
Alessio Travaglia	Post-doc	Supervisor 2012-2018	Alzheimer Drug Discovery Foundation
Susan Sheng	Ph.D. Student	Supervisor 2013-present	
Adam Steinmetz	Post-doc	Supervisor 2014-2016	Research Program Analyst, NIA, Washington DC
Michael Steinman	Post-doc	Supervisor 2014-2016	Post-doc, The Scripps Research Institute, La Jolla, California
Matthew Perkins	Post-doc	Supervisor 2014-2016	Post-doc, Icahn School of Medicine at Mount Sinai
Emmanuel Cruz-Torres	Post-doc	Supervisor 2015-present	
Kiran Pandey	Post-doc	Supervisor 2015-present	
Ferdinando Fiumara	Visiting Senior Research Scientist	Supervisor 2016	Assistant Professor University of Torino
Giannina Descalzi	Post-doc	Supervisor 2016-present	
Luendreo Barboza	Ph.D. Student	Supervisor 2016-present	
Janelle Marie-Miranda	Ph.D. Student	Supervisor 2016-present	
Aaron Katzman	Ph.D. Student	Supervisor 2016-present	
Xiao-Wen Yu	Post-doc	Supervisor 2016-present	

Benjamin Bessieres	Post-doc	Supervisor 2016-present

Lab Assistants:
1989-1991, 1995-1996, 1998-1999, 2001- 2018 Gabriella Pollonini
1989-1991 and 1995-1997 Tiziana Gulotta
1997 Cristina Re
2001 Kimberly Stevens
2007-2009 Suzanna Katz
2013-2015 Nelson Humala
2014-2015 Dylan Iannitelli
2015 Amanda Rubin
2016 Claudio Fagioli
2016-2017 Margaret Jia
2016- 2017 Dana Kapeller-Libermann

Undergraduate Independent Studies Brown University and Mount Sinai School of Medicine:
Severine Chavel; Evan Barba; Deborah Brenner; Jason Ruggiero; Manish Sethi; Bridget Dolan; Anand Padmanabhan; Tim Messitt, Shoma Dhar; Vanessa Winiger.

Undergraduate Teaching and Research Assistantship (UTRA at Brown) Awards:
Severine Chavel; Evan Barba; Deborah Brenner; Manish Sethi; Bridget Dolan.

Program in Liberal Medical Education (PLME) summer research assistantship award:
Shusmita Dhar.

Leadership Alliance Research Program: Elva Granado.

Summer Undergraduate Research Program (Icahn School of Medicine at Mount Sinai)
Stephanie Cross; Ryan Corces-Zimmerman; Virginia Gao; Susan Sheng.

Summer Undergraduate Research Program (New York University)
Tenesha Connor, Johvany Plaisime, Marianne Tissot

Undergraduate NYU
Dana Kapeller-Libermann, Katie Furman, Xinying Zhang.

Master Research Program (Ecole Normale Superior de Lyon, Lyon, France)
Lucie Dixsaut.

GRANTS AND CONTRACTS SUPPORT

List Funding Source **Project Title and Number**	**Role**	**Dates**

PAST:

SOLOMON FACULTY RESEARCH AWARD PI 1998

RHODE ISLAND FOUNDATION PI 1998
Cloning and molecular characterization
of brain C/EBP family members

WHITEHALL FOUNDATION PI 1997-2000
Gene expression regulation
in long-term memory:
the role of C/EBP family members.

WHITEHALL FOUNDATION PI 2001-02
Competitive Renewal
Gene expression regulation in long-term memory:
the role of C/EBP family members.

GAISMAN AWARD Co-PI 2004
Collaborative project with Drs. Laksmi Devi
and Bob Blitzer (Department of Pharmacology)
Memory-related Signaling Pathway Interactions
in Opiate Addiction

NIDA PI 2003-05
1R21 DA017672
Molecular Bases of Addictive Memories

The IRMA T. HIRSCHL AWARD PI 2002-07
Hirschl Trust
Molecular Mechanisms of Long-term Memory

TOSINVEST-S.RAFFAELE FOUNDATION PI 2005-07

NIMH PI 2002-07
1-R01 MH065635
Gene Expression in Long-term Memory

NARSAD INDEPENDENT PI 2007-09
INVESTIGATOR AWARD
Preclinical Investigations for the Treatment of Post Traumatic Stress Disorder

NIMH PI 2007-11
1-R01 MH074736
Mechanisms Underlying Memory Stabilization

Philoctetes
Mechanisms of Addiction PI 2008-11

Philoctetes
Mechanisms of Early Traumatic Memories PI 2008-12

NIMH PI 2007-12
2-R01 MH65635
Gene Expression in Long-term Memory

McKNIGHT endowment fund for Neuroscience PI 2011-13
(Memory and Cognitive disorder Awards)
The Role of Astrocytes in Memory and Cognitive Disorders

AGALMA FOUNDATION PI 2012-16
Mechanism underlying unexpressed memories

NIMH PI 2012-16
2-R01 MH074736
Mechanisms Underlying Memory Stabilization

PRESENT:

NIMH PI 2012-22
3-R01 MH065635-12A1 **MERIT** award
Gene Expression in Long-term Memory

NIMH
1-RO1 MH100822 PI 2013-18
Astrocytic-neuronal Mechanisms in Memory Formation
and Cognitive Impairments

FAST PI 2017-2019
(Foundation for Angelman Syndrome Therapeutic)
Therapeutic Effects of IGF2 in a Mouse Model of Angelman Syndrome)

DANA Foundation PI 2018-2019
Mechanisms of memory formation in infant brain

TEACHING ACTIVITIES:

TEACHING ACTIVITIES AT ITALIAN UNIVERSITY:

Medical Schools:

1994-1996 Director of the "Chemistry" course, School of Dentistry, University of Brescia, Brescia, Italy

1994-1997 Director of the "Chemistry" course, School of Medicine, University of Brescia, Brescia, Italy

1998-2002 Director of the course "Chemistry and Biochemistry of memory molecules". University of Brescia, Brescia, Italy

Undergraduate Schools:

1988-1991 Director of the Course "Principles of Biology", ISEF, Brescia, Italy

Ph.D. Courses:

2001 Basic Course on Neuroscience "From Behavior to Nerve Cells to Neuronal Plasticity". Ph.D. Program Stazione Zoologica Anton Dohrn-Open University. Naples, Italy

2002 Basic Course on Neuroscience "From Behavior to Nerve Cells to Neuronal Plasticity". Ph.D. Program Stazione Zoologica Anton Dohrn-Open University. Naples, Italy.

TEACHING ACTIVITIES AT BROWN UNIVERSITY:

Graduate and Undergraduate Schools:

1997 BN 001, The brain: an introduction to Neuroscience. One lecture: "Mechanisms of memory".

1998-2000 BN 102, Director of the course "Principles of Neurobiology. Four Lectures: "Genes and Synaptic Plasticity I-IV".

1998 BN263, Current Topics in Neuroscience. Three lectures: "Molecular mechanisms of learning".

1999 Bio 201A, Introduction to MCB Faculty Trainer Research. "Genes and Memory".

Graduate Schools:

2000 Director of the course BN 214: "Molecular Biology of Behavior", Brown University, Providence, RI

TEACHING ACTIVITIES AT MOUNT SINAI SCHOOL OF MEDICINE (2001-2011)

Teaching activities/ Topic	Level	Role	Class size	Number of hours /week	Year
2nd year Reg.Course	Grad. Students	Instructor	10	2 hours/1course	2002
1st year Reg. Course	Grad. Students	Instructor	10	2 hours/1course	2002
2nd year Reg. Course	Grad. Students	Instructor	10	10 hours/3courses	2003
2nd year Journal Club (MDT)	Grad. Students	Director	12	2 h/week	2003
2nd year Journal Club (MCBDS)	Grad. Students	Director	12	2 h/week	2004
1st year Reg. Course	Grad. Students	Instructor	10	4 hours/1course	2006-2007
1st year Reg. Course	Grad. Students	Instructor	15-20	5 hours/1course	2008
1st year PSB module	Grad. Students	Instructor	15-20	1 hr/1course	2008

2003-2005 Co-Director Summer Undergraduate Research Program (SURP)

2009-2011 Co-Director of Core II, Neuroscience Graduate Program

TEACHING ACTIVITIES AT COLD SPRING HARBOR:

2009-2011 Co-Director of the Biology of Memory Banbury Course

TEACHING ACTIVITIES AT NYU:

2013 Director of the course "Biology of Memory: Systems and Diseases", NYU Neuroscience Graduate/Undergraduate Program

2014 Director of the course "Current Enigmas in Memory Research", NYU Neuroscience Graduate/Undergraduate Program

2015	Director of the course “Biology of memory: Systems and Diseases”, NYU Neuroscience Graduate/Undergraduate Program
2015-present	Co-director of Growing Up in Science; Monthly meetings: Open to Undergraduate students, Graduate students and postdoctoral fellows
2016	Director of the course “Current Enigmas in Memory Research”, NYU Neuroscience Graduate/Undergraduate Program
2017	Director of the course “Biology of memory: Systems and Diseases”, NYU Neuroscience Graduate/Undergraduate Program

PUBLICATIONS:

PEER-REVIEWED

1- Astaldi-Ricotti, G.B.C., **Alberini, C.M.**, Montagna, D., Porta, F.A., DeAmici,. M., Ugazio, A.G. (1983). Characterization of a subset of OKT8+, OKT10+, OKT3-, HNK1- cells with NK activity in cord blood lymphocytes. *Protides of Biological Fluids*, XXXI Colluquium E.Peepers ed. Acad.Press.

2- **Alberini, C.M.**, Maccario, R., Montagna, D., Porta, F., Vitiello, A., Nespoli, L., Ugazio, A.G. (1983) Lymphocyte subpopulation in the neonate: characterization of a subset of OKT8-positive, OKT3-negative and HNK1-negative cells with natural killer activity. *Eur. J. Pediatrics* 140, 79.

3- Nespoli, L., Montagna, D., **Alberini, C.M.**, Porta, F., Maccario, R., Vitiello, A., Burgio, G.R. (1983) Immunodeficiency in Down's syndrome: high percentage of circulating OKT8+, HNK-1+ lymphocytes with low avidity for sheep erythrocytes. *Eur. J. Pediatrics* 140, 79.

4- Vitiello, A., Maccario, R., Montagna, D., Porta, F., **Alberini, C.M.**, Mingrat, G., Astaldi-Ricotti, G.B.C., Nespoli, L., Ugazio, A.G. , (1984) Lymphocyte subpopulations in the neonate: a subset of HNK-1-, OKT3-, OKT8+ lymphocytes displays NK activity. *Cell. Immunol*. 85, 252.

5- Maccario, R., Ugazio, A.G., Nespoli, L., **Alberini, C.M.**, Montagna, D., Porta, F., Bonetti, F., Burgio, G.R. (1984) Lymphocyte subpopulations in Down's Syndrome: high percentage of circulating HNK-1+, Leu2a+ cells. *Clin. Exp. Immunol*. 57, 220.

6- Marconi, M., Montagna, D., **Alberini, C.M.**, Porta, F., Lembo, G., Giannetti, A. (1984) In vivo and in vitro evaluation of the influence of aromatic retinoid RO 10-9359 and of its metabolite TMMP-RA, RQ 10-1670 on polymorphonuclear leukocyte and lymphocyte functions in psoriatic subjects. *Acta Derm. Venereol*. (Stockol.) Suppl. 113, 47.

7- Porta, F.A., Maccario, R., Ferrari, F.A., **Alberini, C.M.**, Montagna, D., DeAmici, M., Giannetti, A., Ugazio, A.G. , (1985) Lymphocyte subpopulations in the neonate: high percentage of ANAE+ cells with low avidity for sheep erythrocytes. *Thymus*, 7, 263.

8- Montagna, D., Ferremi, P., **Alberini, C.M.**, Porta, F.A., DeAmici, M., Astaldi-Ricotti, G.B.C., Maccario, R., Ugazio, A.G. (1986). Lymphocyte subpopulations in the neonate: high percentage of circulating B73.1+, HNK-1- cells. *Thymus* 8, 171.

9- **Alberini, C.M.**, Biassoni, R., DeAmbrosis, S., Vismara, D., Sitia, R. (1987) Differentiation in the murine B cell lymphoma I.29: individual μ + clones may be induced by lipopolysaccaride to both IgM secretion and isotype switching. *Eur. J. Immunol*. 17, 55.

10- Sitia, R., **Alberini, C.M.**, Biassoni, R., Rubartelli, A., DeAmbrosis, S., Vismara, D., (1988) The control of membrane and secreted heavy chain biosynthesis varies in different immunoglobulin isotypes produced by monoclonal B cell lymphoma. *Molec. Immunol*. 25, 2, 189

11- Sitia, R., **Alberini, C.M.**, Valetti, C. (1988) Translational and posttranslational control of Ig gene expression. *Gene Expression and Regulation*. Elsevier Science Publisher B.V.

12- Alcover, A., **Alberini, C.M.**, Acuto, O., Clayton, L.K., Transy, C., Spagnoli, G.C., Moingeon, P., Lopez, P. Reinherz, E.L. (1988) Interdependence of T3-Ti and T11 activation pathways in human T lymphocytes. *EMBO J*. 7, 1973.

13- Sitia, R., Neuberger, M., **Alberini, C.M.**, Bet, P., Fra, A., Valetti, C., Williams G., Milstein, (1990) C. Developmental regulation of IgM secretion: the role of carboxy-terminal cysteine. *Cell* 60, 781.

14- **Alberini, C.M.**, Bet, P., Milstein, C., Sitia, R. (1990) Secretion of immunoglobulin M assembly intermediates in the presence of reducing agents. *Nature*, 347, 485.

15- Fra, A.M., Fagioli, C., Finazzi, D., Sitia, R., **Alberini, C.M.** (1993) Quality control of ER synthetized proteins: an exposed thiol group as a three-way switch mediating assembly, retention and degradation. *EMBO J*. 12, 4755.

16- **Alberini, C.M.**, Ghirardi, M., Metz, R., Kandel, E.R. (1994) C/EBP is an immediate early gene required for the consolidation of long-term facilitation in Aplysia. *Cell*, 76, 1099-1114.

17- Bailey, C.H., Ghirardi, M., **Alberini, C.M.**, Kandel, E.R. (1994) Molecular and structural changes underlying long term memory storage in Aplysia. In: Molecular and cellular mechanisms of neurotransmitter release. *Wenner-Gren Symp.* series Raven Press, New York, pp 529-544.

18- Nguyen, P.V., **Alberini, C.M.**, Huang, Y.Y., Ghirardi, M., Abel, T., Kandel, E.R. (1995) Genes, synapses and long-term memory. IN: *Challenges and Perspectives in Neuroscience*. Ed. Ottoson, Bartfai, Hokfelt, Fuxe. Wenner-Gren International Series, Vol 66.

19- **Alberini, C.M.**, Ghirardi, M., Huang, Y., Nguyen, P.V., Kandel, E.R. (1995) A molecular switch for the consolidation of long-term memory: cAMP inducible gene expression. *Annals of the New York Acad. Sci.* Vol. 758, 261.

20- **Alberini, C.M.** (1999) Genes to remember. *J.Exp. Biol*. 202, 2887-2891.

21- Taubenfeld, S.M.. Wiig, K.A, Bear, M.F., **Alberini, C.M.** (1999) A molecular correlate of memory and amnesia in the hippocampus. *Nature Neurosci*, 2, 309-310.

22- Taubenfeld, S.M., Wiig, K.A., Monti, B., Dolan, B., Pollonini, G., **Alberini, C.M.** (2001) Fornix-dependent induction of hippocampal C/EBPβ and δ co-localizes with PCREB and accompanies long-term memory consolidation. *J. Neurosci.* 21, 84-91.

23- Taubenfeld, S.M., Milekic, M., Monti, B., **Alberini C.M.** (2001) The consolidation of new but not reactivated memory requires hippocampal C/EBPβ. *Nature Neurosci.* 4, 813-818.

24- Taubenfeld, S.M., Stevens, K.A., Pollonini, G., Ruggiero, J., **Alberini C.M.** (2002) Profound Molecular Changes Following Hippocampal Slice Preparation: Loss of AMPA Receptor Subunits and Uncoupled mRNA/Protein Expression *J. Neurochem.* 81, 1348-1360.

25- Milekic, H.M. and **Alberini, C.M.** (2002) Temporally graded requirement for protein synthesis following memory reactivation. *Neuron* 36, 521-525.

26- Tronel, S., Milekic, M, **Alberini C.M.** (2005) Linking New Information to a Reactivate Memory Requires Consolidation but not Reconsolidation Mechanisms. *PLoS Biology* 3, 1630-1636.

27- **Alberini, C.M.** (2005) Mechanisms of memory stabilization: are consolidation and reconsolidation similar or distinct processes? *TINS* 28, 51-56.

28- **Alberini, C.M.**, Taubenfeld, S.M., Garcia-Osta, A. (2005) CREB and the CREB-C/EBP-dependent gene expression cascade in long-term memory. *Cellscience Reviews*, Vol2, No.2, ISSN 1742-8130.

29- **Alberini C.M.,** Milekic, M.H., Tronel, S. (2006) Mechanisms of Memory Stabilization and De-stabilization. *Cell Mol Life Sci*. 63, 999-1008.

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78- **Alberini, C.M.,** Cruz, E.,Descalzi, G., Bessières, B., Gao, V. (2017) Astrocyte glycogen and lactate: New insights into learning and memory mechanisms. *Glia,* In Press.

79- Steinmetz, A.B., Stern, S.A., Kohtz, A.S., Descalzi, G., **Alberini, C.M.** (2018) Insulin-Like Growth Factor II Targets the mTOR Pathway to Reverse Autism-Like Phenotypes in Mice. *J Neurosci.*, 38:1015-1029.

80- Katzman A., **Alberini C.M.** (2018) NLGN1 and NLGN2 in the prefrontal cortex: their role in memory consolidation and strengthening. *Curr Opin Neurobiol*. 48:122-130.

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Chapters in books (Invited):

1- Sitia, R., **Alberini, C.M.**, Biassoni, R., DeAmbrosis, S., Vismara, D. (1986) Differentiation in the I.29 B cell lymphoma: precommitment to IgA or IgE switch in individual IgM+ clones. *The molecular basis of B cell differentiation and function.* Edited by Manlio Ferrarini and Benvenuto Pernis. Plenum Publishing Corporation, p. 23-28.

2- **Alberini, C.M.** (1996) Applicazioni Diagnostiche delle tecnologie del DNA ricombinante (Diagnostic applications of the recombinant DNA technology). *Immunologia e Allergologia Pediatrica*. Edited by G.R. Burgio and A.G. Ugazio. pp. 697-707. UTET PERIODICI

3- **Alberini, C.M.** (2006) CCAAT enhancer binding proteins in the nervous system: their role in development, differentiation, long-term synaptic plasticity and memory. In: Transcription Factors in the Nervous System. Pp 243-258. Thiel G. (Ed). WILEY-VCH

4- **Alberini, C.M.**, Taubenfeld S.M. (2007) Molecular Mechanisms of Memory: Memory Reconsolidation. In press Learning and Memory: A Comprehensive Reference edited by John H Byrne

5- **Alberini, C.M.**, (2010) Long-Term memories: The Good, the Bad, and the Ugly. CEREBRUM. Dana Press. http://www.dana.org/news/cerebrum/detail.aspx?id=29272

6- **Alberini, C.M.**, Bambah-Mukku, D. and Chen, D.Y. (2012) Memory Mechanisms in Health and Disease: Mechanistic Basis of Memory. World Scientific Publishing. Editor: Karl P. Giese

7- **Alberini, C.M.**, Ansermet, F., Magistretti, P. (2012) Memory trace re-association and homeostatic processes: a working model of the Freudian unconscious. Chapter 14. Memory Reconsolidation. 2012, Academic Press. Editor. Cristina M. Alberini

8- **Alberini, C.M.**, Johnson S.A., Ye X. (2012) Mechanisms and functions of memory reconsolidation: lingering consolidation and the dynamic memory trace. Chapter 5. Memory Reconsolidation. Academic Press. Editor. Cristina M. Alberini

9- **Alberini, C.M.** (2013) Memoria: traccia fragile e dinamica. Chapter 1. Neuroscienze e teoria psicoanalitica. Springer –Verlag, Italy. Editors.Cena Loredana, Imbasciati Antonio

10- **Alberini, C.M.**, Klann, E. (2013) Regulation of Neuronal Gene Expression and Protein Synthesis. Chapter 5. From Molecules to networks. An introduction to cellular and molecular Neuroscience. (2013) Elsevier. Editors: John H. Byrne, Ruth Heidelberger, M. Neal Waxham

Editor of: Memory Reconsolidation. Elsevier Academic Press. 2012

INVITED LECTURES/PRESENTATIONS (Partial list from the last 5 years)

2012 University of Maryland School of Medicine. Baltimore, MD.
2012 UCLA, Integrative Center for Learning and Memory Inaugural Symposium, Los Angeles, CA.
2012 EMCCS - Synthesis, degradation and localization of molecules and neuronal structures in learning and memory processes. A joint meeting of European Molecular and Cellular Cognition Society and Haifa forum for Brain and Behavior. A research workshop of the Israel Science Foundation. Haifa, Israel.
2012 Weizmann Institute - New York University Science Days: Frontiers in Brain and Cognition, Rehovot, Israel.
2012 Inaugural Speaker Cornell University "The Bernice Grafstein Lecture in Neuroscience", New York, NY.
2012 Conference of the Aspen Institute "I protagonisti italiani all'estero" Rome.
2012 Ministero Affari Esteri/Ministero dell `istruzione dell`Universita e della Ricerca , " Gli scienziati italiani nel mondo e la crescita del Paese", Rome.

2012 Invited Speaker to the J.David Gladstone Institutes of Neurological Disease. " Molecular Mechanism of Long-Term Memory". San Francisco, CA.
2012 Convegno in onore della Ricerca Scientifica Atena Onlus."The Beautiful brain". Scienza ed Arte. Il ruolo del cervello e della mente nell'interpretazione del bello. Rome, Italy.
2012 MCCS, Barcelona, Spain.
2012 Alcohol and Drug Abuse Research Program, Washington State University, Vancouver, Canada.
2012 Department of Neurobiology and Behavior, SUNY-Stony Brook, Stony Brook, NY.
2012 Pavlovian Society, Jersey City, New Jersey.
2012 Frontiers in Stress and Cognition: From Molecules to Behavior, Ascona, Italy.
2012 University of Brescia. School of Medicine. Brescia, Italy.
2012 American College of Neuropsychopharmacology. Hollywood, Florida.
2013 Mortimer D. Sakler Winter Conference in Developmental Psychobiology, Providenciales, Turks & Caicos Island.
2013 Aspen seminar for leaders, Venice, Italy.
2013 Department of Bioscience Kyoto University, Kyoto, Japan.
2013 MCCS-Asia 6th Annual Meeting in Kyoto, Japan.
2013 Neuro2013: Japan Neuroscience Society Annual Meeting, Japan.
2013 Department of Biochemistry, Graduate School of Medicine & Pharmaceutical Sciences, Toyama University, Toyama, Japan.
2013 McKnight annual meeting, Aspen, Colorado.
2013 Nathan S. Kline Institute, Orangeburg, NY.
2013 Le Groupe de Recherche sur le Système Nerveux Central (GRSNC), University of Montreal, Montreal, Canada.2013 45th EEBS Meeting Munich, Germany.
2013 UCSD, Invited speaker to UCSD Neuroscience graduate program, San Diego, CA.
2014 Winter Conference on Neural Plasticity Vieques, Puerto Rico.
2014 Department of Neurology and Neuroscience, Rutgers University, Newark, NJ.
2014 The Picower Institute for Learning and Memory at MIT, Boston, MA.
2014 UT Southwestern Medical Center, Dallas, TX.
2014 Bordeaux Neurocampus, Bordeaux University, Bordeaux, France.
2014 MCCS, Milan, Italy.
2014 The Children's Hospital of Philadelphia, Philadelphia, PA.
2014 Congresso FMSI (Federazione Medico Sportiva Italiana), Catania, Italy.
2014 Molecular Psychiatry Association, S. Francisco, CA.
2014 Symposium-Aerobic Glycolysis in the Brain: Emerging Roles of Lactate in Synaptic Plasticity and Axonal Function, Society for Neuroscience, Washington DC, MD.
2015 Mortimer D. Sakler Winter Conference in Developmental Psychobiology, Providenciales, Turks & Caicos Island.
2015 Winter Conference on Neural Plasticity, Barbados, WI.
2015 Society of Biological Psychiatry Symposium, Toronto, Canada.
2015 Aspen Seminar for Leaders, Venice, Italy.
2015 "Scienza e Bellezza" conference gli ex degli Aselli, Cremona, Italy.
2015 Meeting Atena Onlus foundation in Campidoglio, Rome, Italy.
2015 Centro Milanese di Psicoanalisi, Milan, Italy.
2015 School of Medicine, Brescia University, Brescia, Italy.
2015 Food Security, Nutrition and Global Health, Aspen Forum at EXPO, Milan, Italy.
2015 Istituto Tecnologie Biomediche Avanzate, CNR, Milan, Italy.
2015 The 16th International Neuropsychoanalysis Congress, Amsterdam, Netherlands.
2015 Symposium International Psychoanalytical Association's 49th Congress, Boston, MA.

2015 Lecture at Yellowbricks Consultation and Treatment Center, Northwestern University Medical School, Evanston, IL.
2015 Keynote lecture, Queens College, Behavioral and Cognitive Neuroscience, The Graduate Center, CUNY, Flushing, NY.
2015 Fall 2015 Seminar series. Department of Biology. New York University, NY.
2015 7th annual Tuft Neuroscience Symposium, Tufts University, Boston, ME.
2015 Nestlé International Nutrition Symposium - Cognition and Brain Health, Lausanne, Switzerland.
2015 Seminar series in Neuroscience, UTHealth University of Texas, Houston, Texas.
2015 Symposium EPFL Brain Mind Institute, Lausanne, Switzerland.
2015 Seminar, Psychoanalytic Center of Milan, Milan, Italy.
2016 Mortimer D. Sakler Winter Conference in Developmental Psychobiology, Liberia, Costa Rica.
2016 Colloquium and Seminar series, CSBN/Psychology, Concordia University, Montreal, Canada.
2016 Seminar at SEMINARI PSICOANALITICI 2016, Pavia, Italy.
2016 Frontiers in Memory Research, NYU La Pietra, Florence.
2016 Symposium, 10th FENS forum in Neuroscience, Federation of European Neurosciences Society, Copenhagen, Netherlands.
2016 Cell Press LabLinks symposium: Emotion and the Brain, NYU, NY, NY.
2016 The Fresco Conference on Synaptic Plasticity: from bench to bedside The Fourth International Workshop on Synaptic Plasticity, Lucca, Italy.
2016 Seminar at International Workshop in memory of Rita Levi-Montalcini entitled 'Gene targeting and new Frontiers in Neuroscience', Rome, Italy.
2016 Neuroscience Seminar Series, Harvard Medical School, Boston, MA.
2017 Mortimer D. Sakler Winter Conference in Developmental Psychobiology, Providenciales, Turks & Caicos Island.
2017 Grand Rounds, "The Instability of Long-term Memory in Psychiatric Disorders and Treatments", Nassau University Medical Center, East Meadow, NY.
2017 Seminar, RISE Program Health Sciences University, Ponce, Puerto Rico.
2017 Bertarelli Simposium 2017. Perception, Learning and Memory: Neuroengineering Perspectives, Geneva, Switzerland.
2017 Seminar, Department of Molecular and Cell Biology, Harvard University, Boston, MA.
2017 Neurodegeneration Workshop, ChanZuckerberg initiative, San Francisco, CA.
2017 Educational Conference - Synapses & Psychoanalysis. Yellowbrick, The Chicago Institute of Psychoanalysis, Chicago, IL.
2017 American Psichiatry Association (APA) Annual Meeting, San Diego, CA.
2017 Advance in Memory System Symposium, New York University, NY, NY.
2017 McKNight Conference on Neuroscience, Aspen, CO.
2017 Amygdala Function in Emotion, Cognition, & Disease, Gordon Research Conference, Stonehill College, North Easton, MA.
2017 Seminar, Psichiatry and Neuroscience Departments, Yale School of Medicine, New Haven, CT.
2017 Aspen seminar for Leaders, Venice, Italy.
2018- Roger A. MacKinnon Grand Rounds, Dept. of Psychiatry, Columbia University, New York, NY.
2018- Keynote lecture, 3rd Gordon Research Conference on Sleep Regulation and Function, Galveston, TX.
2018- Jacob K. Javits Visiting Professorship Lecture, New York, NY.
2018- Lecture at the International Conference for Learning and Memory, UCI, Huntington Beach, CA

2018- Stanford Neuroscience Seminar Series, Stanford, CA
2018- Lecture at International Behavioral Neuroscience Society, Boca Raton, FL
2018- Gordon Research Conference “Synaptic Transmission, Waterville, NH
2018- Plenary Lecture, 19th International Neuropsychoanalysis Congress, Mexico City, Mexico
2018- Georgia State University's Brains & Behavior (B&B) Distinguished Lecture, Atlanta, GA

MEDIA RESOURCES EDUCATIONAL MATERIAL:
Website: http://alberinilab.org/