

PERSONAL INFORMATION

Angelo Poletti



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POSITION

Full Professor of Experimental Biology

WORK EXPERIENCE

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- 01/06/2012–Present **Full Professor of Experimental Biology**
Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano, Milano (Italy)
- 01/11/2014–31/10/2017 **Coordinator of Department Section**
Section of Biomedicine and Endocrinology, Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano, Milano (Italy)
- 01/11/2013–01/11/2015 **Director of PhD Program**
PhD in Endocrinological and Metabolic Sciences, Università degli Studi di Milano, Milano (Italy)
- 01/10/2011–31/05/2012 **Full Professor of Experimental Biology**
Dipartimento di Endocrinologia, Fisiopatologia e Biologia Applicata, Università degli Studi di Milano, Milano (Italy)
- 01/01/2009–30/09/2011 **Associate Professor of Experimental Biology**
Dipartimento di Endocrinologia, Fisiopatologia e Biologia Applicata, Università degli Studi di Milano, Milano (Italy)
- 23/12/2002–31/12/2008 **Associate Professor of Experimental Biology**
Istituto di Endocrinologia, Università degli Studi di Milano, Milano (Italy)
- 08/06/1993–22/12/2002 **Assistant Professor of Endocrinology**
Istituto di Endocrinologia, Università degli Studi di Milano, Milano (Italy)
- 15/07/1992–07/06/1993 **Fellow**
Istituto di Endocrinologia, Università degli Studi di Milano, Milano (Italy)
- 01/02/1990–14/07/1992 **Fellow**
Department of Cell Biology, Baylor College of Medicine, Houston, TX (United States)
supervisor Prof. Nancy L. Weigel, Prof. William T. Schrader, Prof. Bert W. O'Malley

- 01/11/1988–31/01/1990 **PhD Student**
 Istituto di Endocrinologia, Università degli studi di Milano, Milano (Italy)
 supervisor Prof. Luciano Martini
- 12/11/1987–31/10/1988 **Fellow**
 Istituto di Endocrinologia, Università degli Studi di Milano, Milano (Italy)
 supervisor Prof. Fabio Celotti e Prof. Luciano Martini
- 07/11/1984–11/11/1987 **Fellow of the Specialty School in Endocrinology**
 Istituto di Endocrinologia, Università degli Studi di Milano, Milano (Italy)
 supervisor Prof. Fabio Celotti e Prof. Luciano Martini
- 03/11/1982–06/11/1984 **Graduate Internship**
 Istituto di Endocrinologia, Università degli Studi di Milano, Milano (Italy)
 supervisor Prof. Fabio Celotti e Prof. Luciano Martini

EDUCATION AND TRAINING

- 01/11/1988–07/05/1993 **Dottorato di Ricerca in Scienze Endocrinologiche e Metaboliche** EQF level 8
 Università degli Studi di Milano, Milano (Italy)
- 06/11/1984–11/11/1987 **Scuola di Specialità in Endocrinologia Sperimentale** EQF level 7
 Università degli Studi di Milano, Milano (Italy)
- 05/11/1978–04/11/1984 **Laurea in Chimica e Tecnologie Farmaceutiche** EQF level 6
 Università degli Studi di Milano, MILANO (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
French	A2	B1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills

Teaching activity

- "Animal Biology" for Pharmaceutical Chemistry, Università degli Studi di Milano.
- "Cell Biology" for "Biotechnology", Università degli Studi di Milano.
- "Cell Models for the study of Neurodegenerative Diseases" pPhD program of "Ricerca Biomedica Integrata", Università degli Studi di Milano.

Speakers at more than 100 national and international meetings

Organisational / managerial skills

Director of the Laboratory of Experimental Biology at the Dipartimento di Eccellenza di Scienze Farmacologiche e Biomolecolari, Centro di Eccellenza sulle Malattie Neurodegenerative

dell'Università degli Studi di Milano. The laboratory is composed of 1 Associate Professor, 3 Assistant Professors, 2 postdoctoral fellows, 3 PhD students, 1 technician and several graduated students prapsring their experimental thesis in the lab.

Member of the Scientific Committee of the "Center of Excellence on Neurodegenerative Diseases", Università degli Studi di Milano.

Member of the Scientific Committee of the "InterUniversity Center on Neurodegenerative Diseases", Universities of Florence, Milan, Genoa and Rome "Tor Vergata".

Member of the Executive Committee of the Italian Society for Neurosciences (SINS).

Member of the Executive Committee of the Italian of Biologists and Genetists (AIBG).

Member of the Executive Committee of the Fondazione Carlo Erba, Milano.

He served as Coordinator of the PhD program of "Scienze Endocrinologiche e Metaboliche", Università degli Studi di Milano

He served as Coordinator of the "Sezione di Biomedicina e Endocrinologia" (DiSFeB/UNIMI).

GRANTS

- TeleThon Italy n. A.096: Cellular Models for the evaluation of the role of the polyglutamine tract elongation (CAG REPEAT) in motoneuronal degeneration (July 1997-October 2000).
- TeleThon Italyn. 1283: CAG/polyGln related diseases - The case of Spinobulbar muscular atrophy: aggregate formation, dystrophic neurites, neuronal survival (October 2000- May 2006).
- Group Leader of operative Units: Ribozyme-mediated down-regulation and repair of mutant androgen receptor gene expression in Spinal and Bulbar Muscular Atrophy. Centro di Eccellenza per lo Studio ed il Trattamento di Malattie NeurodegenerativeUniversità di Milano (2001-2004).
- TeleThon Italy multicentric n. GP0222/01: Role of the ubiquitin/proteasome pathway in the degeneration of motor neurons in in vitro and in vivo models of familiar amyotrophic lateral sclerosis (October 2001-January 2005).
- Ministero della Sanita' multicentric RF 2001 (Coordinatore Giorgio Battaglia): Malattie del motoneurone: espressione genica e meccanismi cellulari (Motor neuron death in human disease) (march 2002- September 2004).
- FIRB - Ministero dell'Istruzione, dell'Università e della Ricerca- n. RBAU01NXFP su "Neurodegenerative diseases induced by polyglutamine tract expansions: the role of intracellular neuropil aggregates " (January 2002-January 2007).
- Fondazione Cariplo, Milano n. Rif. 2002.1833/10.4963 "Analisi genetica e proteomica finalizzata alla diagnosi ed allo studio patogenetico delle malattie dei neuroni di moto' (January 2003-January 2008).
- Ministero dell'Istruzione, dell'Università e della Ricerca multicentrico n. 2003054414_003:"Effetti dell'aggregazione di proteine amiloidi in modelli cellulari di malattie neurodegenerative" (January 2003-November 2005)
- Ministero dell'Istruzione, dell'Università e della Ricercamulticentrico n. 2005057598_002: "Utilizzo di modelli cellulari per l'analisi dell'interazione tra motoneuroni e muscolo nella sclerosi laterale amiotrofica." Area 05 - Scienze biologiche (January 2005- February 2008).
- "PUR/FIRST 2006-2008" Università degli Studi di Milano multicentric: Ruolo di Doublecortin sulla migrazione neuronale (2006).
- TeleThon Italymulticentric n. GGP06063 "Role of altered proteolysis in the degeneration of motor neurons in in vivo and in vitro models of familiar amyotrophic lateral sclerosis. Involvement of constitutive and immuno proteasomes and of the autophagy-lysosome pathway" (November 2006-April 2011).
- "PUR/FIRST 2006-2008" Università degli Studi di Milano multicentrico: Caratterizzazione degli

effetti di anosmina-1 e Ebf2 nel controllo della migrazione di neuroni GnRH secementi e dell'allungamento assonale di motoneuroni spinali (2007).

- TeleThon Italyn. GGP07063 "Motoneuron degeneration in Spinal and Bulbar Muscular Atrophy: from the molecular mechanisms to the potential therapeutical approaches " (July 2007-December 2010).
- Progetto Bilaterale Centro di Eccellenza sulle Malattie Neurodegenerative (Milano) - Fondazione "Istituto Neurologico Casimiro Mondino" (Pavia) "Processi Neurodegenerativi e disordini del movimento: Coinvolgimento dei sistemi proteolitici intracellulare nella sclerosi laterale amiotrofica" (2008-2009)
- "PUR/FIRST 2006-2008" Universita' degli Studi di Milano multicentrico: Studi in vitro sul neuroblastoma umano: determinazione del ruolo svolto dalla proteina DCX nei meccanismi di migrazione e invasività ed effetti del trattamento con acido retinoico. (2008).
- Ministero della Salute multicentrico n. RF-INN-2007-644440 convenzione 2007.36 su "An integrated approach to tackle Motor Neuron Diseases: molecular diagnosis, common pathogenic mechanisms, innovative therapeutic strategies". (July 2009 - June 2011)
- Ministero del Lavoro, della Salute e delle Politiche Sociali Programma di ricerca 2008 sui farmaci, sulle sostanze e pratiche mediche utilizzabili a fini di doping nelle attività sportive. Convenzion 2008.15 "Anabolizzanti e sclerosi laterale amiotrofica: nuovi modelli sperimentali di indagine". (July 2009- March 2012).
- Fondazione Cariplo, Italy. 2008.2307: "Alterations of Axonal Functions and Neurodegeneration in Motor Neuron Diseases" (2008-2012)
- Fondation Thierry Latran, France: (FTL n. AAP091102): Interplay between Androgenic/Anabolic Steroid and IGF-1 Signaling in Amyotrophic Lateral Sclerosis" (September 2010- September 2013).
- Fondazione AriSLA, "Fondazione Italiana di Ricerca per la SLA" "Upregulation of HSPB8 as potential therapeutic approach in familial and sporadic ALS". (March 2012 - May 2015)
- AFM Telethon Foundation, France (project n. 16406) "Selective Autophagic Response to Proteotoxicity in Motoneurons and Muscle of Motor Neuron Diseases. April 2013-August 2016)
- Regione Lombardia, multicentric project, "From cellular models to clinical trials: Kennedy's disease as paradigm of translational research". (July 2013-December 2015)
- TeleThon Italy n. GGP14039 "Motor neuron degeneration in Spinal and Bulbar Muscular Atrophy: molecular approaches to counteract mutant androgen receptor neurotoxicity" (September 2014- August 2017).
- Fondazione AriSLA, Italy "VCP and autophagolysosomal pathway: guardians of proteostasis and stress granule dynamics. Unraveling their implications in ALS" (April 2015 - March 2018)
- Fondazione Cariplo, Italy "RAN-translation of normal and expanded nucleotide repeat containing transcripts to neurotoxic polypeptides in neurodegenerative diseases" (May 2015 - April 2018)
- JPND: Joint Programme - Neurodegenerative Disease Research European research projects on neurodegenerative diseases: risk and protective factors, longitudinal cohort approaches and advanced experimental models" "Stress granules and proteostasis in motor neurons: towards a mechanistic understanding of ALS" (March 2016 - February 2019)
- Fondazione Regionale per la Ricerca Biomedica, Italy "Translating molecular mechanisms into ALS risk and patient's well-being (TRANS-ALS)" (June 2016 - May 2019)
- MIUR "Progetti di ricerca di rilevante interesse nazionale (PRIN) – Bando 2015" n. 2015LFPNMN intitolato "From RNA to Protein toxicity in motoneuron diseases".
- AIFA - Bando 2016 per la ricerca indipendente: Brain Disorders and Clinical Neuroscience, Italy. "Colchicine for Amyotrophic Lateral Sclerosis: a phase II, randomized, double blind, placebo controlled, multicenter clinical trial (AIFA-2016-02364678)" (3 gennaio 2018 - 3 gennaio 2021).
- Fondazione AriSLA, Italy "Target-RAN, Targeting RAN translation in ALS" (2019-2022).
- Fondazione AriSLA, Italy "MLOpathy, Membrane-less organelle pathology in ALS: identification of causes and rescuing factors" (2019 -2022).

Job-related skills

AWARDS

- Premio Chiodini per gli studi in Neuroendocrinologia

GUEST EDITOR: Special Issue di Brain Research Bulletin

- "Triplet Repeat Diseases: From Basic to Clinical Aspects" Edited by Angelo Poletti, Antonio Servadio, Franco Taroni (Elsevier, NewYork, USA) Brain Res. Bull. 2001, vol 56.

GUEST EDITOR: Special Issues di Progress in Neurobiology

- "The Neurotoxicity of Mutant Proteins" Edited by Angelo Poletti, Elena Cattaneo, Franco Taroni (Elsevier, NewYork, USA) Prog. Neurobiol. 2012, Vol 97, Issue 2.
- "The Neurotoxicity of Mutant Proteins" Edited by Angelo Poletti, Elena Cattaneo, Franco Taroni (Elsevier, NewYork, USA) Prog. Neurobiol. 2012, Vol 99, Issue 3.

EDITOR of RESEARCH TOPIC of Frontiers in Molecular Neuroscience

- "The Role of the Protein Quality Control in Neurodegenerative Diseases". Edited by Angelo Poletti, Serena Carra, Paola Rusmini, Valeria Crippa. (Frontiers Media S.A., Lausanne Switzerland) 2016, in progress

Member of the Editorial Advisory Board of the following Journals:

- Scientific Reports
- Frontiers in Cellular Neuroscience
- Open Endocrinology Journal
- Open Endocrinology Reviews
- Behavioural Neurology

Reviewing Editor of:

- Antioxidants & Redox Signaling

MEETING ORGANIZED

- "TRIPLET REPEAT DISEASES: FROM BASIC TO CLINICAL RESEARCH". Palazzo delle Stelline, Milano 1-3 giugno 2000.
- "MOLECULAR MECHANISMS IN NEURODEGENERATION: FROM TRIPLET REPEAT TO PROTEIN TOXICITY". Centro Congressi Fondazione Cariplo, Milano 2-4 maggio 2003.
- "MODELLI PER LO STUDIO DI PATOLOGIE NEURODEGENERATIVE"(Organizzatori: E. Cattaneo, A. Poletti) Milano, 20 giugno 2003
- "APPROCCI MOLECOLARI E CELLULARI DI NUOVE TERAPIEDELLE MALATTIE NEURODEGENERATIVE" Milano, 19 Marzo 2004
- "LA SCLEROSI LATERALE AMIOTROFICA (SLA): DALLA CLINICA AL LABORATORIO" corso monotematico CEND: - Palazzo Besana - Milano, 18 febbraio 2005.
- II Meeting on the "MOLECULAR MECHANISMS OF NEURODEGENERATION". Aula Magna, Universita' degli Studi di Milano, Milano (Italy) 7-10 Maggio 2005.
- III Meeting on the "MOLECULAR MECHANISMS OF NEURODEGENERATION". Aula Magna, Universita' degli Studi di Milano, Milano (Italy) 19-21 Maggio 2007.
- IV Meeting on the "MOLECULAR MECHANISMS OF NEURODEGENERATION". Aula Magna dell'Universita' degli Studi di Milano, Milano (Italy) 8-11 Maggio 2009.
- XIII Congresso Nazionale della SOCIETA' ITALIANA DI NEUROSCIENZE, Milano (Italy) 2-5 ottobre 2009.
- First workshop "SBMA in Italy: from bench to bed-side", Milano (Italy) 8 settembre 2010.
- V Meeting on the "MOLECULAR MECHANISMS OF NEURODEGENERATION". Aula Magna dell'Universita' degli Studi di Milano, Milano (Italy) 13-15 Maggio 2011.
- JPND Research meeting "La ricerca nel settore delle malattie neurodegenerative in Italia – verso la roadmap italiana". MIUR – Roma (Italy) 13 dicembre 2011.
- "Le basi genetiche e molecolari della sclerosi laterale amiotrofica". Aula Magna del Dipartimento di Farmacologia, Milano, 20 Giugno2012.
- "Motor Neuron Diseases: Molecular and Cellular basis of Selective Vulnerability" Sala Napoleonica di Palazzo Greppi, Universita' degli Studi di Milano, Milano (Italy), July 3-4, 2014. *FENS satellite*

Meeting.

- "Neurodegenerazione e Neuroregenerazione: la risposta cellulare specifica al danno neuronale." nell'ambito degli incontri del Dottorato di Ricerca Biomedica Integrata. Milano, Italy, 11 luglio 2014.
- "VI Meeting on the "MOLECULAR MECHANISMS OF NEURODEGENERATION". Salone Pio XII, Casa Cardinale Ildelfonso Schuster. Milano (Italy). May 28th-30th, 2015.
- "Il sistema di controllo di qualità delle proteine " nell'ambito degli incontri del Dottorato di Ricerca Biomedica Integrata e Dottorato di Scienze farmacologiche Sperimentali e Cliniche. Milano, Italy, 14 luglio 2015.
- "Comportamento: Empatia e Memoria" (NeuroNest). Milano 29 aprile 2016.
- "THE SMALL HSP WORLD: SECOND INTERNATIONAL WORKSHOP OF CELL STRESS SOCIETY INTERNATIONAL (CSSI)". Centro Residenziale Universitario di Bertinoro. Bertinoro (FC), Italy October 12-15, 2016.
- "Malattia di Kennedy 2016". Aula Magna dell'Università degli studi di Milano, Milano 11-12 novembre 2016.
- "1° meeting traslazionale del gruppo di ricerca strategico in neuroscienze de "La Statale". Sala Napoleonica, Palazzo Greppi dell'Università degli studi di Milano, Milano 8 marzo 2017.
- 1° workshop "From RNA to Protein toxicity in motoneuron diseases". Dip. di Scienze Farmacologiche e Bimolecolari | Università degli Studi di Milano Via Balzaretto, 9 20133 Milano, 15 settembre 2017.
- Member of the Scientific Committee organizing the XVII Congresso Nazionale della SOCIETA' ITALIANA DI NEUROSCIENZE, Lacco Ameno, Ischia (Italy) 1-4 ottobre 2017.
- "Stress Ambientale e malattie legate allo stress" nell'ambito dei meeting NeuroNest. Milano 24 novembre 2017.
- Member of the Scientific Committee organizing the International Meeting "Focus ALS: Motor neuron diseases: molecular and cellular basis of selective vulnerability". Genova, Italy. 27-29 settembre 2018.
- Member of the Scientific Committee organizing the "Malattia di Kennedy 2018". Aula Magna dell'Università degli studi di Padova, Padova 6-6 ottobre 2018.

SELECTION OF THE MOST RELEVANT PUBLICATIONS

- Pathological proteins are specifically transported by extracellular vesicles of sporadic Amyotrophic Lateral Sclerosis patients. Sproviero D., La Salvia S., Giannini M., Crippa V., Gagliardi S., Bemuzzi S., Diamanti L., Ceroni M., Pansarasa O., Poletti A., Cereda C. *Front Neurosci* (2018) 12:487. DOI: 10.3389/fnins.2018.00487 PMID: 30072868
- Trehalose induces autophagy via lysosomal-mediated TFEB activation, in models of motoneuron degeneration. Rusmini P., Cortese K., Crippa V., Cristofani R., Cicardi M. E., Ferrari V., Vezzoli G., Tedesco B., Meroni M., Messi E., Piccolella M., Galbiati M., Garrè M., Morelli E., Vaccari T., Poletti A. *Autophagy* (2018) in press DOI: 10.1080/15548627.2018.1535292 PMID: 30335591
- Dual role of autophagy on docetaxel-sensitivity in prostate cancer cells Cristofani R., Montagnani Marelli M., Cicardi M.E., Fontana F., Marzagalli M., Limonta P., Poletti A.*, Moretti R.M. *Cell Death Dis.* (2018) 9:889. DOI: 10.1038/s41419-018-0866-5 PMID: 30166521
- TDP25 routing to autophagy and proteasome ameliorates its aggregation in motoneurons and muscle cells. Cicardi M.E., Cristofani R., Rusmini P., Meroni M., Ferrari V., Vezzoli G., Tedesco B., Piccolella M., Messi E., Galbiati M., Boncoraglio A., Carra S., Crippa V., Poletti A. *Sci Rep* (2018) *Sci Rep.* 2018, 8:12390 DOI: 10.1038/s41598-018-29658-2 PMID: 30120266
- Autophagy in neurodegeneration: New insights underpinning therapy for neurological diseases. O. Corti, K. Blomgren, A. Poletti, P.M. Beart J. *Neurochem* (2018) in press
- Concurrent AFG3L2 and SPG7 mutations associated with syndromic parkinsonism and optic atrophy with aberrant OPA1 processing and mitochondrial network fragmentation Magri S., Fracasso V., Plumari M., Alfei E., Ghezzi D., Gellera C., Rusmini P., Poletti A., Di Bella D., Elia A.E., Pantaleoni C., Taroni F. *Human Mutation* (2018) in press DOI: 10.1002/humu.23658 PMID: 30252181
- Isogenic FUS-eGFP iPSC reporter lines enable quantification of FUS stress granule pathology that is rescued by drugs inducing autophagy Marrone L., Poser I., Casci I., Japtok J., Reinhardt P., Janosch A., Andree C., Lee H.O., Moebius C., Koerner E., Reinhardt L., Cicardi M.E., Hackmann K., Klink B., Poletti A., Alberti S., Bickle M., Hermann Reports, (2018) S2213-6711(17)30566-0 DOI: 10.1016/j.stemcr.2017.12.018 PMID: 29358088

- Quantitative assessment of the degradation of aggregated TDP-43 mediated by the ubiquitin proteasome system and macroautophagy Cascella R., Fani G., Capitini C., Rusmini P., Poletti A., Cecchi C., Chiti F *FASEB J* (2017) 31(12):5609-5624 DOI: 10.1096/fj.201700292RR PMID: 28842427
- The small heat shock protein B8 (HSPB8) efficiently removes aggregating species of dipeptides produced in C9ORF72-related neurodegenerative diseases Cristofani R., Crippa V., Vezzoli G., Rusmini P., Galbiati M., Cicardi M.E., Meroni M., Ferrari V., Tedesco B., Piccolella M., Messi E., Carra S., Poletti A *Cell Stress Chaperon* (2018) 23(1), 1-12 DOI: 10.1007/s12192-017-0806-9 PMID: 28608264
- Functional interaction between FUS and SMN underlies SMA-like splicing changes in wild-type hFUS mice Mirra A., Rossi S., Scaricamazza S., Di Salvio M., Salvatori I., Valle C., Rusmini P., Poletti A., Cestra G., Carri M.T., Cozzolino M. *Scientific Reports* (2017) 7(1):2033 DOI: 10.1038/s41598-017-02195-0 PMID: 28515487
- The small heat shock protein B8 (HSPB8) modulates proliferation and migration of breast cancer cells Piccolella M., Crippa V., Cristofani R., Rusmini P., Galbiati M., Cicardi M.E., Meroni M., Ferri N., Morelli F.F., Carra S., Messi E., Poletti A *Oncotarget* (2017) 8(6):10400-10415 doi: 10.18632/oncotarget.14422 PMID: 28060751
- Inhibition of retrograde transport modulates misfolded protein accumulation and clearance in motoneuron diseases Cristofani R., Crippa V., Rusmini P., Cicardi M.E., Meroni M., Licata N.V., Sala G., Giorgetti E., Grunseich C., Galbiati M., Piccolella M., Messi E., Ferrarese C., Carra S., Poletti A *Autophagy* (2017) 13(8):1280-1303 doi: 10.1080/15548627.2017.1308985 PMID: 28402699
- The Role of the Heat Shock Protein B8 (HSPB8) in Motoneuron Diseases Rusmini P., Cristofani R., Galbiati M., Cicardi M.E., Ferrari V., Vezzoli G., Tedesco B., Messi E., Piccolella M., Carra S., Crippa V., Poletti A. *Front Mol Neurosci* (2017) 10:176 doi: 10.3389/fnmol.2017.00176o.29409 PMID: 25046115
- The growing world of small Heat Shock Proteins: from structure to functions Carra S., Alberti S., Arrigo P.A., Benesch J.L., Benjamin I.J., Boelens W., Bartelt-Kirbach B., Brundel B.J.J.M. Buchner J., Bukau B., Carver J.A., Ecroyd H., Emanuelsson C., Finet S., Golenhofen N., Goloubinoff P., Gusev N., Haslbeck M., Hightower L.E., Kampinga H.H., Klevit R.E., Liberek K., Mchaourab H.S., McMenimen K.A., Poletti A., Quinlan R., Strelkov S.V., Toth M.E., Vierling E., and Tanguay R.M *Cell Stress Chaperon* (2017) Mar 31 doi: 10.1007/s12192-017-0787-8 PMID: 28364346
- Estrogens, Neuroinflammation and Neurodegeneration Villa A., Vegeto E., Poletti A., Maggi A *Endocr Rev.* 2016 Aug;37(4):372-402 DOI: 10.1210/er.2016-1007 PMID: 27196727
- Guidelines for the use and interpretation of assays for monitoring autophagy (2nd edition) Klionsky D.J., et al.,Poletti A., et al., Zughair SM *Autophagy*. 2016 Jan 2;12(1):1-222 DOI: 10.1080/15548627.2015.1100356 PMID: 26799652
- The Role of the protein quality control system in SBMA Rusmini P., Crippa V., Cristofani R., Rinaldi C., Cicardi M.E., Galbiati M., Carra S., Malik B., Greensmith L., Poletti A *J Mol Neurosci* (2016) 58(3), 348-364 DOI: 10.1007/s12031-015-0675-6 PMID: 26572535
- A surveillance function of the HSPB8-BAG3-HSP70 chaperone complex ensures stress granule integrity and dynamism Ganassi M., Mateju D., Bigi I., Mediani L., Poser I., Lee H.O., Seguin S.J., Morelli F.F., Vinet J., Leo G., Pansarasa O., Cereda C., Poletti A., Alberti S., Carra S *Mol Cell* (2016) 63, 796–810 doi: 10.1016/j.molcel.2016.07.021 PMID: 27570075
- The chaperone HSPB8 reduces the accumulation of truncated TDP-43 species in cells and protects against TDP-43-mediated toxicity Crippa V., Cicardi M.E., Ramesh N., Seguin S.J., Ganassi M., Bigi I., Diacci C., Zelotti E., Baratashvili M., Gregory J.M., Dobson C.M., Cereda C, Pandey U.B., Poletti A, Carra S *Hum Mol Genet* (2016) 25(18):3908-3924 doi: 10.1093/hmg/ddw232 PMID: 27466192
- Exome sequencing identifies variants in two genes encoding the LIM-proteins NRAP and FHL1 in an Italian patient with BAG3 myofibrillar myopathy D'Avila F., Meregalli M., Lupoli S., Barcella M., Orro A., De Santis F., Sitzia C., Farini A., D'Ursi P., Erratico S., Cristofani R., Milanese L., Braga D., Cusi D., Poletti A., Barlassina C., Torrente Y *J Muscle Res Cell Motil.* (2016) 37(3):101-15 DOI: 10.1007/s10974-016-9451-7 PMID: 27443559
- Loss-of-function mutations in the SIGMAR1 gene cause distal hereditary motor neuropathy by impairing ER-mitochondria tethering and Ca²⁺ signaling. Gregorian E., Pallafacchina G, Zanin S, Crippa V., Rusmini P., Poletti A., Fang M., Li Z., Diano L., Petrucci A., Lispi L., Cavallaro T., Fabrizi G.M., Muglia M., Boaretto F, Vettori A, Rizzuto R, Mostacciolo M.L., Vazza G *Hum Mol Genet.* (2016) 25(17):3741-3753 DOI: 10.1093/hmg/ddw220 PMID: 27402882
- Transcriptional induction of the heat shock protein B8 mediates the clearance of misfolded proteins

- responsible for motor neuron diseases Crippa V., D'Agostino V.G., Cristofani R., Rusmini P., Cicardi M.E., Messi E., Loffredo R., Pancher M., Piccolella M., Galbiati M., Meroni M., Cereda C., Carra S., Provenzani A., Poletti A *Sci. Rep.* 6, 22827; doi: 10.1038/srep22827 (2016) DOI: 10.1038/srep22827 PMID: 26961006
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Angelo Poletti






Mother tongue(s)
Italian

Foreign language(s)
English, French

English				
Self-assessment of language skills				
UNDERSTANDING		SPEAKING		WRITING
 Listening	 Reading	 Spoken interaction	 Spoken production	 Writing
C2 Proficient user	C2 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user

French				
Self-assessment of language skills				
UNDERSTANDING		SPEAKING		WRITING
 Listening	 Reading	 Spoken interaction	 Spoken production	 Writing
A2 Basic User	B1 Independent user	A1 Basic user	A1 Basic user	A1 Basic user
Linguistic and intercultural experience				
Description			Duration	
Using languages at work			–	
Using languages while living or travelling abroad			–	

Common European Framework of Reference for Languages - Self-assessment grid

		A1 Basic user	A2 Basic User	B1 Independent user	B2 Independent user	C1 Proficient user	C2 Proficient user
Understanding	 Listening	I can understand familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly.	I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local area, employment). I can catch the main point in short, clear, simple messages and announcements.	I can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. I can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear.	I can understand extended speech and lectures and follow even complex lines of argument provided the topic is reasonably familiar. I can understand most TV news and current affairs programmes. I can understand the majority of films in standard dialect.	I can understand extended speech even when it is not clearly structured and when relationships are only implied and not signalled explicitly. I can understand television programmes and films without too much effort.	I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when delivered at fast native speed, provided I have some time to get familiar with the accent.
	 Reading	I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.	I can read very short, simple texts. I can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters.	I can understand texts that consist mainly of high frequency everyday or job-related language. I can understand the description of events, feelings and wishes in personal letters.	I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary literary prose.	I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialised articles and longer technical instructions, even when they do not relate to my field.	I can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialised articles and literary works.
Speaking	 Spoken interaction]	I can interact in a simple way provided the other person is prepared to repeat or rephrase things at a slower rate of speech and help me formulate what I'm trying to say. I can ask and answer simple questions in areas of immediate need or on very familiar topics.	I can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. I can handle very short social exchanges, even though I can't usually understand enough to keep the conversation going myself.	I can deal with most situations likely to arise whilst travelling in an area where the language is spoken. I can enter unprepared into conversation on topics that are familiar, of personal interest or pertinent to everyday life (e.g. family, hobbies, work, travel and current events).	I can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views.	I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effectively for social and professional purposes. I can formulate ideas and opinions with precision and relate my contribution skilfully to those of other speakers.	I can take part effortlessly in any conversation or discussion and have a good familiarity with idiomatic expressions and colloquialisms. I can express myself fluently and convey finer shades of meaning precisely. If I do have a problem I can backtrack and restructure around the difficulty so smoothly that other people are hardly aware of it.
	 Spoken production	I can use simple phrases and sentences to describe where I live and people I know.	I can use a series of phrases and sentences to describe in simple terms my family and other people, living conditions, my educational background and my present or most recent job.	I can connect phrases in a simple way in order to describe experiences and events, my dreams, hopes and ambitions. I can briefly give reasons and explanations for opinions and plans. I can narrate a story or relate the plot of a book or film and describe my reactions.	I can present clear, detailed descriptions on a wide range of subjects related to my field of interest. I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options.	I can present clear, detailed descriptions of complex subjects integrating sub-themes, developing particular points and rounding off with an appropriate conclusion.	I can present a clear, smoothly-flowing description or argument in a style appropriate to the context and with an effective logical structure which helps the recipient to notice and remember significant points.
Writing	 Writing	I can write a short, simple postcard, for example sending holiday greetings. I can fill in forms with personal details, for example entering my name, nationality and address on a hotel registration form.	I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something.	I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters describing experiences and impressions.	I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view. I can write letters highlighting the personal significance of events and experiences.	I can express myself in clear, well-structured text, expressing points of view at some length. I can write about complex subjects in a letter, an essay or a report, underlining what I consider to be the salient issues. I can select a style appropriate to the reader in mind.	I can write clear, smoothly-flowing text in an appropriate style. I can write complex letters, reports or articles which present a case with an effective logical structure which helps the recipient to notice and remember significant points. I can write summaries and reviews of professional or literary works.

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