

CURRICULUM VITÆ

Nome: Valeria Calsolaro

Cittadinanza: Italiana

ISTRUZIONE

2001: Diploma di maturità Liceo Classico "G. Leopardi", Aulla (MS) con voto 100/100.

29/02/2008: Laurea in Medicina e Chirurgia con voto di 110/110, Università degli Studi di Pisa, discutendo una tesi di laurea dal titolo: "La distrofia muscolare dei cingoli: tipologia di casistica sulla base dell'esperienza del registro per le malattie rare". Tutor: Prof. G. Siciliano

03/06/2015: Specializzazione in **Geriatrics** con voto di 110/110 e lode, Università degli Studi di Pisa, discutendo una tesi dal titolo: "Neuroinflammation and neurodegenerative diseases: a single subject study".
Tutor: Prof. F. Monzani

Da Maggio 2014: Clinical Research Fellow – Centre for Neuroinflammation and Neurodegeneration, Imperial College London (UK)
Tutor: Dr P. Edison

Da giugno 2016: Inizio del Dottorato di ricerca c/o Imperial College London (UK)

ABILITAZIONI PROFESSIONALI

Luglio 2008: Abilitazione alla pratica della professione di Medico-Chirurgo. Iscrizione Ordine medici Chirurghi ed Odontoiatri di Massa Carrara, n. 1750, dal 10/09/2008

Giugno 2014: Registration with a license to practice (7474352)- General Medical Council, United Kingdom

CORSI

- IRMER course 20/03/2014

- Principles of Radiation protection course 21/05/2014
 - GCP corso e refresh, aggiornato al 2019
 - BLS 24/06/2014
 - ALS April 2015
 - Cambridge Dementia Course, Dec 2015

SOCIETA' SCIENTIFICHE

1. Società italiana di Geriatria e Gerontologia (SIGG) dal 2014

CONOSCENZA DELLE LINGUE STRANIERE

INGLESE: Ottima capacità di lettura, scrittura e di espressione orale.

LAVORI PER ESTESO SU RIVISTE INTERNAZIONALI / CAPITOLI di libri

1. Mancuso M, Orsucci D, **Calsolaro V**, LoGerfo A, Allegrini L, Petrozzi L, Simoncini C, Rocchi A, Trivella F, Murri L, Siciliano G. Tetracycline treatment in patients with progressive external ophthalmoplegia. *Acta Neurol Scand.* 2011 Dec;124(6):417-23. doi: 10.1111/j.1600-0404.2011.01536.x. Epub 2011 Jun 8.
2. Mancuso M, **Calsolaro V**, Orsucci D, Carlesi C, Choub A, Piazza S, Siciliano G. Mitochondria, cognitive impairment and Alzheimer's disease. *Int J Alzheimers Dis.* 2009; 2009 Jul 6;2009. ID 951548.
3. Mancuso M, **Calsolaro V**, Orsucci D, Siciliano G, Murri L. Is there a primary role of the mitochondrial genome in Alzheimer's disease? *J Bioenerg Biomembr.* 2009 Oct; 41(5): 411-6
4. Mancuso M, Orsucci D, LoGerfo A, Calsolaro V, Siciliano G. Clinical features and pathogenesis of Alzheimer's disease: involvement of mitochondria and mitochondrial DNA. *Adv Exp Med Biol.* 2010;685:34-44.
5. Mancuso M, Orsucci D, Volpi L, **Calsolaro V**, Siciliano G. Coenzyme q10 in neuromuscular and neurodegenerative disorders. *Curr Drug Targets.* 2010 Jan;11(1):111-21.
6. Mancuso M, Piazza S, Volpi L, Orsucci D, **Calsolaro V**, Caldarazzo Ienco E, Carlesi C, Rocchi A, Petrozzi L, Calabrese R, Siciliano G. Nerve and muscle involvement in mitochondrial disorders: an electrophysiological study. *Neurol Sci.* 2012 Apr;33(2):449-52. doi: 10.1007/s10072-011-0703-4. Epub 2011 Jul 13.
7. Michelangelo Mancuso, Daniele Orsucci, **Valeria Calsolaro**, Anna Choub and Gabriele Siciliano. Coenzyme Q10 and Neurological Diseases. *Pharmaceuticals* 2009, 2, 134-149

8. Orsucci D, Mancuso M, Ali G, **Calsolaro V**, Ricci G, Gori S, Siciliano G. Inflammatory myopathy in a patient with postural and kinetic tremor. *Neurol Sci.* 2011 Dec;32(6):1175-8. doi: 10.1007/s10072-011-0615-3. Epub 2011 May 10.
9. Orsucci D, **Calsolaro V**, Mancuso M, Siciliano G. Neuroprotective effects of tetracyclines: molecular targets, animal models and human disease. *CNS NeurolDisord Drug Targets.* 2009;8:222-31.
10. Orsucci D, **Calsolaro V**, Siciliano G, Mancuso M. Quality of life in adult patients with mitochondrial myopathy. *Neuroepidemiology.* 2012; 38(3):194-5.
11. G. Pasqualetti, F. Niccolai, **V. Calsolaro**, G. Bini, N. Caraccio, F. Monzani. Relationship between thyroid dysfunction and heart failure in older people. *JGG2017*;65:184-191
12. Sara Tognini, Giuseppe Pasqualetti, **Valeria Calsolaro**, Antonio Polini, Nadia Caraccio and Fabio Monzani. Cardiovascular risk and quality of life in elderly people with mild thyroid hormone deficiency. *Front. Endocrinol.*, 07 October 2014 doi: 10.3389/fendo.2014.00153
13. Tognini S, Pasqualetti G, **Calsolaro V**, Polini A and Monzani F. Cognitive function and Quality of Life in Mild Thyroid Hormone Deficiency. *Frontiers in Endocrinology|Endocrinology of Aging.* October 2014; volume5, article153
14. Marino A, Capogrosso-Sansone A, Tuccori M, Bini G, **Calsolaro V**, Mantarro S, Convertino I, Pasqualetti G, Orsitto E, Santini M, Monzani F, Blandizzi C; ANCESTRAL-ED Study Group. Expected and actual adverse drug-drug interactions in elderly patients accessing the emergency department: data from the ANCESTRAL-ED study. *Expert Opin Drug Saf.* 2016 Dec;15(sup2):45-50.
15. **Calsolaro V**, Edison P. Novel GLP-1 (Glucagon-Like Peptide-1) Analogues and Insulin in the Treatment for Alzheimer's Disease and Other Neurodegenerative Diseases. *CNS Drugs.* 2015 Dec;29(12):1023-39
16. **Calsolaro V**, Edison P. Neuroinflammation in Alzheimer's disease: Current evidence and future directions. *Alzheimers Dement.* 2016 Jun;12(6):719-32
17. Pasqualetti G, Tognini S, **Calsolaro V**, Polini A, Monzani F. Potential drug-drug interactions in Alzheimer patients with behavioral symptoms. *Clin Interv Aging.* 2015 Sep 8;10:1457-66.
18. **Calsolaro V**, Edison P, Alterations in glucose metabolism in Alzheimer's disease. *Recent Pat Endocr Metab Immune Drug Discov.* 2016;10(1):31-39
19. Fan Z*, **Calsolaro V***, Atkinson RÁ, Femminella GD, Waldman A, Buckley C, Trigg W, Brooks DJ, Hinz R, Edison P. Flutriciclamide (18F-GE180) PET: first in human PET study of novel 3rd generation in vivo marker of human translocator protein. *J Nucl Med.* 2016 Jun 3. pii: jnumed.115.169078.
20. Pasqualetti G, **Calsolaro V**, Monzani F. Major adverse cardiovascular and cerebral events in hypothyroid patients undergoing percutaneous coronary intervention. *J Thorac Dis.* 2016 Jun;8(6):1042-4.
21. Giuseppe Pasqualetti, Sergio Ricci, **Valeria Calsolaro**, Sara Tognini, Antonio Polini and Fabio Monzani. The Emerging Role of Sunitinib in the Treatment of Advanced Epithelial Thyroid Cancer. In "Recent Advances in Medicinal Chemistry" Vol. 2, 2015, 144-155. *Recent Pat Endocr Metab Immune Drug Discov.* 2016 Jun 14.

22. **Valeria Calsolaro**, Rachele Antognoli & Fabio Monzani. Why are so few antipsychotic drugs licensed for Alzheimer's disease related behavioral and psychological symptoms? Expert Review of Neurotherapeutics. <https://doi.org/10.1080/14737175.2019.1641407>.
23. Calsolaro V, Niccolai F, Pasqualetti G, Calabrese AM, Polini A, Okoye C, Magno S, Caraccio N, Monzani F. Overt and Subclinical Hypothyroidism in the Elderly: When to Treat? Front Endocrinol (Lausanne). 2019 Mar 22;10:177
24. Femminella GD, Dani M, Wood M, Fan Z, **Calsolaro V**, Atkinson R, Edginton T, Hinz R, Brooks DJ, Edison P. Microglial activation in early Alzheimer trajectory is associated with higher gray matter volume. Neurology. 2019 Mar 19;92(12):e1331-e1343.
25. **Calsolaro V**, Niccolai F, Pasqualetti G, Tognini S, Magno S, Riccioni T, Bottari M, Caraccio N, Monzani F. Hypothyroidism in the Elderly: Who Should Be Treated and How? J Endocr Soc. 2018 Nov 19;3(1):146-158
26. Femminella GD, Thayanandan T, **Calsolaro V**, Komici K, Rengo G, Corbi G, Ferrara N. Imaging and Molecular Mechanisms of Alzheimer's Disease: A Review. Int J Mol Sci. 2018 Nov 22;19(12)
27. Giuseppe Pasqualetti, **Valeria Calsolaro**, Sara Bernardini, Giuseppe Linsalata, Renato Bigazzi, Nadia Caraccio, Fabio Monzani. Degree of peripheral thyroxine deiodination, frailty and long-term survival in hospitalized older patients. The Journal of Clinical Endocrinology & Metabolism, jc.2017-02149
28. Fan Z, Dani M, Femminella GD, Wood M, **Calsolaro V**, Veronese M, Turkheimer F, Gentleman S, Brooks DJ, Hinz R, Edison P. Parametric mapping using spectral analysis for 11C-PBR28 PET reveals neuroinflammation in mild cognitive impairment subjects. Eur J Nucl Med Mol Imaging. 2018 Mar 9. doi: 10.1007/s00259-018-3984-5
29. **Calsolaro V**, Pasqualetti G, Niccolai F, Caraccio N, Monzani F. Thyroid Disrupting Chemicals. Int J Mol Sci. 2017 Dec 1;18(12). pii: E2583. doi: 10.3390/ijms18122583. Review.
30. Giuseppe Pasqualetti, Marta Seghieri, Eleonora Santini, Chiara Rossi, Edoardo Vitolo, Livia Giannini, Giovanna Malatesta, **Valeria Calsolaro**, Fabio Monzani, Anna Solini. P2X7 Receptor and APOE Polymorphisms and Survival from Heart Failure: A Prospective Study in Frail Patients in a Geriatric Unit. Aging Dis. 2017 Jul; 8(4): 434–441.
31. Giuseppe Pasqualetti, **Valeria Calsolaro**, Giacomo Bini, Umberto dell'Agnello, Marco Tuccori, Alessandra Marino, Alice Capogrosso-Sansone, Martina Rafanelli, Massimo Santini, Eugenio Orsitto, Andrea Ungar, Corrado Blandizzi and Fabio Monzani. Clinical differences among elderly admitted to the ED for accidental or unexplained fall and syncope. Clin Interv Aging. 2017 Apr 13;12:687-695

Presentazioni a congressi nazionali/internazionali

- Relazione su invito: Thermalism and well ageing during the final workshop of the European project "Thermal Bath for Active Ageing" supported by the European Union (Leonardo Project), at Montecatini Terme, Settembre 2013

- Comunicazione orale: Frail older subjects in a inpatient not emergency Unit: multidimensional evaluation and clinical outcome, at the 58th annual meeting of the Italian Society of Geriatrics and Gerontology, November 2013
- Relazione su invito alla “2nd International Conference on Alzheimer’s Disease and Dementia” in Valencia, 24-25 Sept 2014: Metabolic syndrome, neuroinflammation and cognitive impairment: State of the art and results from a second level outpatient clinic in Italy.
- Comunicazione orale: Alzheimer’s and glucose metabolism, 1st Regional Congress AIP-SIGG, Florence, 21-22 October 2016
- Comunicazione orale: Increased [11C](R)PK11195PET and Attenuated Cerebral Glucose Metabolism: A common theme in Neurodegenerative Diseases? 61st Congress SIGG, Naples, 30 Nov- 3 Dec 2016
- Relazione su invito “LuccAnziani 2017: novità sulla vecchiaia”, Lucca, 24-25 February 2017: Glucose metabolism and dementia.
- Comunicazione orale: the “AAIC 2017”, July 2017. Microglial activation in Alzheimer’s disease detected by novel third generation translocator protein tracer flutriciclamide ([18F]GE180). V. Calsolaro, Z. Fan, M. Veronese, G. D. Femminella, G. Pasqualetti, W. Trigg, C. Buckley, F. Turkheimer, S. M. Gentleman, D. J. Brooks, R. Hinz, P. Edison
- Moderatrice ad “AAIC2017”, July 2017. Neuroimaging: Innovative Approaches
- Comunicazione orale: “AAIC 2018”, July 2018 “Relationship between astrocytes activation using [11C]BU99008 PET, glucose metabolism and amyloid in Alzheimer’s disease: A Dementia Platform UK experimental medicine study”.
- Relazione su invito al simposio “LUCCANZIANI 2018, nuove sfide in Geriatria”
- Relazione su invito al simposio “LUCCANZIANI 2019, Qualità e appropriatezza nella cura dell’anziano fragile