

Publications (see also <https://www.ncbi.nlm.nih.gov/myncbi/giovanni.palermo.2/bibliography/public/>)

- Levodopa and neuropathy risk in patients with Parkinson disease: Effect of COMT inhibition.
*Cossu G, Ceravolo R, Zibetti M, Arca R, Ricchi V, Paribello A, Murgia D, Merola A, Romagnolo A, Nicoletti V, **Palermo G**, Mereu A, Lopiano L, Melis M, Abbruzzese G, Bonuccelli U.*
Parkinsonism Relat Disord. 2016 Jun;27:81-4.
doi: 10.1016/j.parkreldis.2016.04.016.
- Antipsychotic drugs in Huntington's disease.
*Unti E, Mazzucchi S, **Palermo G**, Bonuccelli U, Ceravolo R.*
Expert Rev Neurother. 2017 Mar;17(3):227-237.
doi: 10.1080/14737175.2016.1226134.
- La malattia di Huntington: pisa nel “percorso europa”
*E. Unti, S. Mazzucchi, C. Del Gamba, **Palermo G.**, R. Ceravolo*
PisaMedica, Neurologia, 1 Giu, 2017
- Demenza a Corpi di Lewy e Malattia di Parkinson con demenza: diagnosi e clinica
*Bonuccelli U., **Palermo G.**, Ceravolo R.*
Focus on Brain-Rivista di Neuroscienze, Maggio 2017, Numero 1
- Demenza a Corpi di Lewy vs malattia di Parkinson con demenza: una rinnovata controversia
Palermo G.
NeuroMag (rivista edita dalla Sezione Italiana Giovani Neurologi), 21 Dicembre 2017
- Brain-Derived Neurotrophic Factor (BDNF) and Serotonin Transporter (SERT) in Platelets of Patients with Mild Huntington's Disease: Relationships with Social Cognition Symptoms
*Betti L, Palego L, Unti E, Mazzucchi S, Kiferle L, **Palermo G**, Bonuccelli U, Giannaccini G, Ceravolo R.*
Arch Ital Biol. 2018 Jul 1;156(1-2):27-39.
doi: 10.12871/00039829201813.
- Advances in the pharmacotherapeutic management of Dementia with Lewy Bodies
Palermo G., Ceravolo R. and Bonuccelli U.
Expert Opinion on Pharmacotherapy, 2018 Sep 13:1-11.
doi:10.1080/14656566.2018.1519548.
- Botulinum toxin for the treatment of dystonia and pain in corticobasal syndrome.
*Unti E, Mazzucchi S, Calabrese R, **Palermo G**, Del Prete E, Bonuccelli U, Ceravolo R.*
Brain Behav. 2019 Jun;9(6):e01182.
doi: 10.1002/brb3.1182.
- Freezing of gait and dementia in parkinsonism: A retrospective case-control study.
Palermo G, Frosini D, Corsi A, Giuntini M, Mazzucchi S, Del Prete E, Bonuccelli U, Ceravolo R.
Brain Behav. 2019 Jun;9(6):e01247.
doi: 10.1002/brb3.1247.
- Differential default mode network trajectories in asymptomatic individuals at risk for Alzheimer's disease.

- Chiesa PA, Cavedo E, Vergallo A, Lista S, Potier MC, Habert MO, Dubois B, Thiebaut de Schotten M, Hampel H; INSIGHT-preAD study group; **Alzheimer Precision Medicine Initiative (APMI)**. *Alzheimers Dement.* 2019 Jul;15(7):940-950.
doi: 10.1016/j.jalz.2019.03.006.
- A frontline defense against neurodegenerative diseases: the development of early disease detection methods.
*Baldacci F, Lista S, Vergallo A, **Palermo G**, Giorgi FS, Hampel H.*
Expert Rev Mol Diagn. 2019 Jul;19(7):559-563.
doi: 10.1080/14737159.2019.1627202.
 - The neuroinflammatory biomarker YKL-40 for neurodegenerative diseases: advances in development.
*Baldacci F, Lista S, **Palermo G**, Giorgi FS, Vergallo A, Hampel H.*
Expert Rev Proteomics. 2019 Jul;16(7):593-600.
doi: 10.1080/14789450.2019.1628643.
 - Lithium as a Treatment for Alzheimer's Disease: The Systems Pharmacology Perspective.
*Hampel H, Lista S, Mango D, Nisticò R, Perry G, Avila J, Hernandez F, Geerts H, Vergallo A; **Alzheimer Precision Medicine Initiative (APMI)**.*
J Alzheimers Dis. 2019;69(3):615-629.
doi: 10.3233/JAD-190197.
 - Clinical Correlates of Cerebral Amyloid Deposition in Parkinson's Disease Dementia: Evidence from a PET Study.
Palermo G, Tommasini L, Aghakhanyan G, Frosini D, Giuntini M, Tognoni G, Bonuccelli U, Volterrani D, Ceravolo R.
J Alzheimers Dis. 2019;70(2):597-609.
doi: 10.3233/JAD-190323.
 - Molecular Imaging of the Dopamine Transporter.
Palermo G, Ceravolo R.
Cells. 2019 Aug 10;8(8). pii: E872.
doi: 10.3390/cells8080872.
 - Brain A β load association and sexual dimorphism of plasma BACE1 concentrations in cognitively normal individuals at risk for AD.
*Vergallo A, Houot M, Cavedo E, Lemercier P, Vanmechelen E, De Vos A, Habert MO, Potier MC, Dubois B, Lista S, Hampel H; INSIGHT-preAD study group; **Alzheimer Precision Medicine Initiative (APMI)**.*
Alzheimers Dement. 2019 Oct;15(10):1274-1285.
doi: 10.1016/j.jalz.2019.07.001.
 - Expanding Glucocerebrosidase Involvement in Neurodegeneration: D419H Mutation Causing Dementia with Lewy Bodies
Palermo G, Logerfo A, Nicoletti V, Bonuccelli U, Siciliano G, Mancuso M and Ceravolo R
J Mol Genet Med 2019; 13: 4
ISSN: 1747-0862

- Extended release levodopa at bedtime as a treatment for nocturia in Parkinson's disease: An open label study
*Brusa L, Ponzio V, Stefani A, Ceravolo R, **Palermo G**, Agrò EF, Viselli F, Altavista MC, Iani C, Stocchi F, Stanzione P, Vitale C.*
J Neurol Sci. 2019 Dec 16;410:116625.
doi: 10.1016/j.jns.2019.

- Dopamine Transporter, Age, and Motor Complications in Parkinson's Disease: A Clinical and Single-Photon Emission Computed Tomography Study.
Palermo G, Giannoni S, Frosini D, Morganti R, Volterrani D, Bonuccelli U, Pavese N, Ceravolo R
Mov Disord. 2020 Mar 10.
doi: 10.1002/mds.28008.

- SLC25A46 mutations in patients with Parkinson's Disease and optic atrophy.
*Bitetto, G., Malaguti, M. C., Ceravolo, R., Monfrini, E., Straniero, L., Morini, A., Di Giacomo, R., Frosini, D., **Palermo, G.**, Biella, F., Ronchi, D., Duga, S., Taroni, F., Corti, S., Comi, G. P., Bresolin, N., Giometto, B., Di Fonzo, A.*
Parkinsonism and related disorders, 2020 74, 1–5.
doi.org/10.1016/j.parkreldis.2020.03.018

- Theory of mind in Parkinson's disease: evidences in drug-naïve patients and longitudinal effects of dopaminergic therapy
*Del Prete, E., Turcano, P., Unti, E., **Palermo, G.**, Pagni, C., Frosini, D., Bonuccelli, U., Ceravolo, R. (2020).*
Neurol Sci. 2020;41(10):2761-2766.
doi:10.1007/s10072-020-04374-w

- Benign versus malignant Parkinson disease: the unexpected silver lining of motor complications.
*Merola, A., Romagnolo, A., Dwivedi, A. K., Padovani, A., Berg, D., Garcia-Ruiz, P. J., Fabbri, M., Artusi, C. A., Zibetti, M., Lopiano, L., Pilotto, A., Bonacina, S., Morgante, F., Zeuner, K., Griewing, C., Schaeffer, E., Rodriguez-Porcel, F., Kauffman, M., Turcano, P., de Oliveira, L. M., **Palermo G.**, Shanks E., Del Sorbo F., Bonvegna S., Savica R., Munhoz R.P., Ceravolo R., Cilia R., Espay, A.*
J Neurol. 2020 Oct;267(10):2949-2960.
doi: 10.1007/s00415-020-09954-6.

- Early autonomic and cognitive dysfunction in PD, DLB and MSA: blurring the boundaries between α -synucleinopathies
Palermo G, Del Prete E, Bonuccelli U, Ceravolo R.
J Neurol. 2020;1-13.
doi:10.1007/s00415-020-09985-z

- Different Clinical Contexts of Use of Blood Neurofilament Light Chain Protein in the Spectrum of Neurodegenerative Diseases
Palermo G, Mazzucchi S, Della Vecchia A, Siciliano G, Bonuccelli U, Azuar C, Ceravolo R, Lista S, Hampel H, Baldacci F.
Mol Neurobiol. 2020 Nov;57(11):4667-4691.
doi: 10.1007/s12035-020-02035-9

- Impact of Coronavirus Disease 2019 Pandemic on Cognition in Parkinson's Disease

- Palermo G**, Tommasini L, Baldacci F, Del Prete E, Siciliano G, Ceravolo R.
Mov Disord. 2020 Oct;35(10):1717-1718.
doi: 10.1002/mds.28254.
- Connected speech in progressive supranuclear palsy: a possible role in differential diagnosis.
Del Prete E, Tommasini L, Mazzucchi S, Frosini D, **Palermo G**, Morganti R, Pagni C, Tognoni G, Bonuccelli U, Ceravolo R.
Neurol Sci. 2020 Aug 27.
doi: 10.1007/s10072-020-04635-8.
 - Prevalence and impact of COVID-19 in Parkinson's disease: evidence from a multi-center survey in Tuscany region
Del Prete E, Francesconi A, **Palermo G**, Mazzucchi S, Frosini D, Morganti R, Coleschi P, Raglione LM, Vanni P, Ramat S, Novelli A, Napolitano A, Battisti C, Giuntini M, Rossi C, Menichetti C, Ulivelli M, De Franco V, Rossi S, Bonuccelli U, Ceravolo R; Tuscany Parkinson COVID-19 Participants
J Neurol. 2020 Sep 3:1–9.
doi: 10.1007/s00415-020-10002-6. Epub ahead of print.
 - Association of plasma YKL-40 with brain amyloid- β levels, memory performance, and sex in subjective memory complainers.
Vergallo A, Lista S, Lemercier P, Chiesa PA, Zetterberg H, Blennow K, Potier MC, Habert MO, Baldacci F, Cavedo E, Caraci F, Dubois B, Hampel H; INSIGHT-preAD study group; **Alzheimer Precision Medicine Initiative (APMI)**.
Neurobiol Aging. 2020 Aug 17;96:22-32.
doi: 10.1016/j.neurobiolaging.2020.07.009. Epub ahead of print.
 - The role of synaptic biomarkers in the spectrum of neurodegenerative disease.
Mazzucchi S, **Palermo G**, Campese N, Galgani A, Della Vecchia A, Vergallo A, Siciliano G, Ceravolo R, Hampel H, Baldacci F.
Expert Rev Proteomics. 2020 Jul-Aug;17(7-8):543-559.
doi: 10.1080/14789450.2020.1831388.
 - β -Secretase1 biological markers for Alzheimer's disease: state-of-art of validation and qualification.
Hampel H, Lista S, Vanmechelen E, Zetterberg H, Giorgi FS, Galgani A, Blennow K, Caraci F, Das B, Yan R, Vergallo A; **Alzheimer's Precision Medicine Initiative (APMI)**.
Alzheimers Res Ther. 2020 Oct 16;12(1):130.
doi: 10.1186/s13195-020-00686-3.
 - Tardive Syndrome Associated With Tetrabenazine in Huntington Disease: A Case Report.
Palermo G, Mazzucchi S, Unti E, Bonuccelli U, Ceravolo R.
J Clin Psychopharmacol. 2020 Nov/Dec;40(6):628-630.
doi: 10.1097/JCP.0000000000001295.
 - Age and sex impact plasma NFL and t-Tau trajectories in individuals with subjective memory complaints: a 3-year follow-up study.
Baldacci F, Lista S, Manca ML, Chiesa PA, Cavedo E, Lemercier P, Zetterberg H, Blennow K, Habert MO, Potier MC, Dubois B, Vergallo A, Hampel H; INSIGHT-preAD study group; **Alzheimer Precision Medicine Initiative (APMI)**.
Alzheimers Res Ther. 2020 Nov 12;12(1):147.

doi: 10.1186/s13195-020-00704-4.

- MiRNA-15b and miRNA-125b are associated with regional A β -PET and FDG-PET uptake in cognitively normal individuals with subjective memory complaints.
*Vergallo A, Lista S, Zhao Y, Lemercier P, Teipel SJ, Potier MC, Habert MO, Dubois B, Lukiw WJ, Hampel H; INSIGHT-preAD study group; **Alzheimer Precision Medicine Initiative (APMI)**. *Transl Psychiatry*. 2021 Jan 27;11(1):78.
doi: 10.1038/s41398-020-01184-8.*

- Progress regarding the context-of-use of tau as biomarker of Alzheimer's disease and other neurodegenerative diseases.
*Campese N, **Palermo G**, Del Gamba C, Beatino MF, Galgani A, Belli E, Del Prete E, Della Vecchia A, Vergallo A, Siciliano G, Ceravolo R, Hampel H, Baldacci F. *Expert Rev Proteomics*. 2021 Jan;18(1):27-48.
doi: 10.1080/14789450.2021.1886929.*

- Il ruolo della FUS nella Malattia di Parkinson: nuove evidenze su efficacia e sicurezza
Palermo G.
NeuroMag (rivista edita dalla Sezione Italiana Giovani Neurologi), 18 Febbraio, 2021

- α -Synuclein Heteromers in Red Blood Cells of Alzheimer's Disease and Lewy Body Dementia Patients
*Daniele S, Baldacci F, Piccarducci R, **Palermo G**, Giampietri L, Manca ML, Pietrobono D, Frosini D, Nicoletti V, Tognoni G, Giorgi FS, Lo Gerfo A, Petrozzi L, Cavallini C, Franzoni F, Ceravolo R, Siciliano G, Trincavelli ML, Martini C, Bonuccelli U. *J Alzheimers Dis*. 2021;80(2):885-893.
doi: 10.3233/JAD-201038.*

- Mild Cognitive Impairment in de novo Parkinson's Disease: Selective Attention Deficit as Early Sign of Neurocognitive Decay.
*Cammisuli DM, Pagni C, **Palermo G**, Frosini D, Bonaccorsi J, Radicchi C, Cintoli S, Tommasini L, Tognoni G, Ceravolo R, Bonuccelli U. *Front Psychol*. 2021 Mar 30;12:546476.
doi: 10.3389/fpsyg.2021.546476.*

- Understanding the Multiple Role of Mitochondria in Parkinson's Disease and Related Disorders: Lesson From Genetics and Protein-Interaction Network.
*Nicoletti V, **Palermo G**, Del Prete E, Mancuso M, Ceravolo R. *Front Cell Dev Biol*. 2021 Apr 1;9:636506.
doi: 10.3389/fcell.2021.636506.*

- Prevalence and Clinical Correlates of Comorbid Anxiety and Panic Disorders in Patients with Parkinson's Disease
*Elefante C, Brancati GE, Bacciardi S, Mazzucchi S, Del Prete E, **Palermo G**, Frosini D, Bonuccelli U, Ceravolo R, Lattanzi L, Maremmanni I, Perugi G. *J Clin Med*. 2021 May 25;10(11):2302.
doi: 10.3390/jcm10112302.*

- Statins in Parkinson's Disease: Influence on Motor Progression
Palermo G, Giannoni S, Giuntini M, Belli E, Frosini D, Siciliano G, Ceravolo R.

- J Parkinsons Dis.* 2021 Jul 15.
doi: 10.3233/JPD-212655.
- Dissecting the Interplay Between Time of Dementia and Cognitive Profiles in Lewy Body Dementias
Palermo G, Belli E, Tommasini L, Morganti R, Frosini D, Nicoletti V, Tognoni G, Siciliano G, Bonuccelli U, Baldacci F, Ceravolo R
J Alzheimers Dis. 2021 Sep 28.
doi: 10.3233/JAD-210006
 - Dopamine Transporter Imaging, Current Status of a Potential Biomarker: A Comprehensive Review
Palermo G, Giannoni S, Bellini G, Siciliano G, Ceravolo R.
Int J Mol Sci. 2021 Oct 18;22(20):11234.
doi: 10.3390/ijms222011234.
 - Early Compensatory Mechanisms in LRRK2 Mutation Carriers
Palermo G, Frosini D, Antonini A, Ceravolo R.
Mov Disord. 2022 Jan 10.
doi: 10.1002/mds.28908
 - Essential tremor and cognitive impairment: who, how, and why.
Cartella SM, Bombaci A, Gallo G, Ledda C, Pengo M, Pignolo A, Pozzi FE, Spina E, Trinchillo A,
Palermo G, Terranova C; on behalf of EduNet SIGN.
Neurol Sci. 2022 Mar 31.
doi: 10.1007/s10072-022-06037-4.
 - Fluid Biomarkers in Alzheimer's Disease and Other Neurodegenerative Disorders: Toward Integrative Diagnostic Frameworks and Tailored Treatments.
Giampietri L, Belli E, Beatino MF, Giannoni S, **Palermo G**, Campese N, Tognoni G, Siciliano G, Ceravolo R, De Luca C, Baldacci F.
Diagnostics (Basel). 2022 Mar 24;12(4):796.
doi: 10.3390/diagnostics12040796.
 - Negative DAT-SPECT in Old Onset Parkinson's Disease: An Additional Pitfall?
Palermo G, Giannoni S, Depalo T, Frosini D, Volterrani D, Siciliano G, Bonuccelli U, Ceravolo R.
Mov Disord Clin Pract. 2022 Apr 15;9(4):530-534.
doi: 10.1002/mdc3.13441
 - Qualitative evaluation of the Rey-Osterrieth Complex Figure Test in patients with progressive supranuclear palsy.
Tommasini L, Bonaccorsi J, Del Prete E, Cintoli S, Pagni C, Mazzucchi S, **Palermo G**, Morganti R, Frosini D, Siciliano G, Tognoni G, Ceravolo R.
Clin Neuropsychol. 2022 Aug 23;1-14.
doi: 10.1080/13854046.2022.2112296.
 - Intestinal histomorphological and molecular alterations in patients with Parkinson's disease
Bellini G, Benvenuti L, Ippolito C, Frosini D, Segnani C, Rettura F, Pancetti A, Bertani L, D'Antongiovanni V, **Palermo G**, Del Prete E, Antonioli L, Nardini V, Morganti R, Pellegrini C, Bernardini N, Ceravolo R, Fornai M, Bellini M.

Eur J Neurol. 2022 Oct 20.
doi: 10.1111/ene.15607.

- Two cases of Huntington's disease unmasked by the COVID-19 pandemic.
Palermo G, Di Fonzo A, Francesconi A, Unti E, Ceravolo R.
Neurol Sci. 2023 Mar;44(3):811-813.
doi: 10.1007/s10072-022-06564-0

- Clues to Reshaping Anti- α -Synuclein Immunotherapy in Early Parkinson's Disease Patients.
Palermo G, Ceravolo R.
Mov Disord. 2023 Feb;38(2):196-197.
doi: 10.1002/mds.29294.