

# CURRICULUM VITAE

**Manuela Tondelli, MD, PhD**

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## POSITIONS

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November 2023-ongoing	<b>University Researcher (RTDb)</b> , Department of Biomedical, Metabolic and Neural Science Department - Clinical Neuroscience Division, University of Modena and Reggio Emilia, Italy
2016 – ongoing	<b>Clinical Neurologist</b> , Memory Clinic, Baggiovara Hospital, AOU Modena, Italy
2016- October 2023	<b>Clinical Neurologist</b> , Primary Care Department, Neurology Outpatient Service, AUSL Modena
2016-2017	<b>Clinical Neurologist</b> , NeuroRehabilitation Unit, Correggio Hospital, AUSL Reggio Emilia, Italy. Activity specifically dedicated to neurocognitive evaluation in patients with severe acquired brain injury
2016 - 2020	<b>Subject Expert in Neurology</b> (“Cultore della Materia”) at the Department of Biomedical, Metabolic and Neural Science Department - Clinical Neuroscience Division, University of Modena and Reggio Emilia, Italy
2014 - 2015	<b>Post-Doc Research fellow</b> , Biomedical, Metabolic and Neural Science Department, University of Modena and Reggio Emilia, Italy
2011 - 2015	<b>Clinical Neurologist</b> , UO Neurologia, Nuovo Ospedale Civile S.Agostino-Estense, AUSL Modena, Italy
2011-2013	<b>PhD Student in Neuroscience</b> , University of Modena and Reggio Emilia, Italy
March-October 2010 and April 2011	<b>Visiting Scientist</b> , Nuffield Department of Medicine, OPTIMA project (Oxford Project to investigate memory and ageing), Oxford University (UK)
2006-2010	<b>Residency in Neurology</b> , University of Modena and Reggio Emilia, Italy

## EDUCATION AND REASERCH ACTIVITY

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2018	Course in “ <b>Clinical epidemiology in dementia</b> ” ISS, 15-19 ottobre 2018, Roma, Italy
January 2014 – December 2015	<b>Post-Doc Research fellow</b> , Biomedical, Metabolic and Neural Science Department, University of Modena and Reggio Emilia, Italy
April 2014	<b>FSL Course</b> , Oxford, UK 31 March- 4 April 2014
March 2014	<b>PhD in Neuroscience, University of Modena and Reggio Emilia, Italy</b> ; Thesis: “Anosognosia and self-insight in Alzheimer’s Disease and Mild Cognitive impairment: structural and functional correlates”. Research activities focused on the use of neuroimaging and biological markers in early diagnosis of neurodegenerative dementia, Mild Cognitive Impairment and Alzheimer’s Disease. Special interest was also oriented in studying the brain correlates of behavioural symptoms that frequently occur in dementia, such as anosognosia.

2012	<b>Post-graduate Course in Biostatistics</b> , with full marks (110/110), University of Modena and Reggio Emilia, Italy; thesis title: “Biological markers in preclinical Alzheimer’s Disease: a clinical cohort study”
March-October 2010 and April 2011	<b>Visiting Scientist</b> , Nuffield Department of Medicine, OPTIMA project (Oxford Project to investigate memory and ageing), Oxford University (UK)
2010	<b>Neurology Specialization</b> , with full marks cum laude (110/110 cum laude); University of Modena and Reggio Emilia, Italy Thesis title: “Neural correlates of preclinical Alzheimer’s Disease in healthy elderly: a voxel-based morphometry study”.
February 2006	<b>Licensure for Clinical Practice</b>
2005	<b>Medicine and Surgery Degree</b> , with full marks cum laude (110/110 cum laude), University of Modena and Reggio Emilia, Italy. Thesis title: “Functional mesial-temporal lobe activation in response to emotional linguistic cues”. As part of the five-year long neurology residency program of the University of Modena and Reggio Emilia, I have been trained in clinical neurology at the Neurology Department of the St Agostino-Estense Hospital of Modena and I was the dedicated Specialist Registrar in the outpatient clinic for the diagnosis and treatment of dementia, where I was also investigator in several clinical trials. I maintained a special interest in dementia, in cognitive neuroscience and clinical neuropsychology
1999	<b>Diploma in Classical and Linguistic Studies (Maturità classico-linguistica)</b> , Liceo Classico “L. A. Muratori”, Modena, Italy with full marks cum laude (100/100 cum laude)

## ACADEMIC TEACHING

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November 2023-ongoing	Tutor for clinical training in the academic course of Clinical Neurology, Faculty of Medicine and Surgery, University of Modena and Reggio Emilia  Teacher in the academic course of Clinical Neurology, Faculty of Dentistry, University of Modena and Reggio Emilia
2018	Invited speaker, University Master “Grave cerebrolesione acquisita: Progetto riabilitativo con approccio interdisciplinare”; UNIMORE e AUSL Reggio Emilia
2011-2015	Tutor for clinical training in the academic course of Clinical Neurology, Faculty of Medicine and Surgery, University of Modena and Reggio Emilia  Co-advisor for Medicine and Surgery degree thesis, Faculty of Medicine and Surgery, University of Modena and Reggio Emilia  Co-advisor for Environmental Engineering degree thesis, Alma Mater Studiorum – University of Bologna

## RESEARCH PROJECT MEMBERSHIP

2006 - 2008	Sub-Investigator, study “Efficacy and Safety of Alzhemed™ as Add-on Therapy in Mild to Moderate Alzheimer’s Disease Patients”
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2009 - 2010	Sub-Investigator, Study “Effect of LY450139, a gamma-secretase inhibitor, on the progression of Alzheimer’s Disease as compared with placebo”
2010 - 2011	Sub-Investigator, Study “Effect of passive immunization on the progression of Alzheimer’s Disease: LY2062430 versus placebo”
2011 - 2013	Sub-Investigator, Study “Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Two Year Study to Evaluate the Effect of Intravenous RO4909832 on Cognition and Function in Prodromal Alzheimer’s Disease (WN25203)”
2014 - 2015	Sub-Investigator, Study “Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Two Year Study to Evaluate the Effect of Gantenerumab in pazienti affetti da Malattia di Alzheimer lieve (WN28745)”
2016 - 2019	Co-Principal Investigator, study “Early onset dementia in Modena: study of epidemiology and clinical features” aimed to establish the epidemiology and needs of EOD patients and their families in a population of 700.000 inhabitants in North Italy (Modena province), funded by AIRAIZ & COOP Italia; 2016-2019
2017 - 2021	Participant, Project “Phisiopathology biomarkers and clinical phenotype in patients with Mild Cognitive Impairment”, Excellence Department MIUR 2017
2018 - 2020	Participant in the work group for creation and implementation of “PDTA Interaziendale “Percorso diagnostico-terapeutico-assistenziale per i pazienti con disturbo cognitivo e demenze ad esordio precoce”, AUSL e AOU Modena, 15/07/2020
2011- ongoing	Project Team Member (since 2011) in several research projects on neurological diseases (neurodegenerative diseases, epilepsy, cerebrovascular diseases, movement disorders) carried out in Neuroscience Department of University of Modena and Reggio Emilia, AUSL Modena, AOU Modena and AUSL Reggio Emilia, as demonstrated by publications in neurological fields other than dementia. My collaboration was especially dedicated to epidemiological and statistical analysis.
2015- ongoing	Team Member in international “Enigma-Epilepsy Project”, launched by Dr. Christopher D. Whelan (USC) and Professor Sanjay Sisodiya (UCL) and dedicated to improving our understanding of in vivo neuroanatomical disruption in people with epilepsy compared to healthy individuals.
2017- ongoing	Collaboration with CREAGEN (Centro di Ricerca in Epidemiologia Ambientale, Genetica e Nutrizionale”), University of Modena and Reggio Emilia
2022 - ongoing	Participant, Research Project “Fattori di declino cognitivo in una coorte clinica di paziente con diagnosi accertata o sospetta di malattia neurodegenerativa” PI Dott.ssa A. Chiari, Neurology Unit, Modena Hospital
November 2023 - ongoing	Participant, Research Project “UnaWireD” (European Union ERC project number 101042625), PI Prof. G. Zamboni
December 2023-ongoing	Participant, Research Project DOUBTS (MIUR, PRIN 2022), PI Prof. T. Filippini

## ORAL PRESENTATION

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1. "Neural network for processing emotional linguistic cues", XXXVI Congress of Italian Neurological Society, Cernobbio, 8-12 October 2005; abstract in *Neurological Sciences*, Supplement, Volume 26, October 2005
2. "Early brain correlates of later cognitive impairment in healthy elderly: a voxel-based morphometry MRI study", XLI Congresso Società Italiana Neurologia Catania, 23-27 October 2010
3. "I nuovi criteri diagnostici e la diagnosi precoce della Malattia di Alzheimer", Convegno "Demenze, Depressione e Delirium: innovazione e modelli in psicogeriatría", Medolla (MO), 18 ottobre 2013 (relazione su invito)
4. "Implicit anosognosia in Alzheimer's Disease and Mild Cognitive Impairment: a functional MRI study" XLV Congresso Società Italiana Neurologia, Cagliari, 10-13 October 2014
5. "Fase della diagnosi e cura: il punto di vista del neurologo", Associazione Italiana Psicogeriatría Rimini, ottobre 2019 (relazione su invito)
6. Docente su invito al corso "Long Covid, come riconoscerlo e come gestirlo". AUSL Modena, codice corso 1254.2 e 1254.3- Titolo: Le conseguenze neurologiche del LongCovid, 15 e 22 Maggio 2022
7. "Associazione tra spazi verdi e disturbi comportamentali", La ricerca scientifica su disturbi cognitivi e demenze: dialogo tra ricercatori e cittadinanza. Modena, 26 novembre 2022 (relazione su invito)
8. Organizzatore, Promotore e Moderatore della Riunione Regionale SINDEM EmiliaRomagna "La riorganizzazione dei CDCD e PDTA alla luce degli avanzamenti delle conoscenze sulle demenze", Webinar, 16 Dicembre 2022
9. Organizzatore, Promotore e Relatore della Riunione Regionale SINDEM EmiliaRomagna con relazione dal titolo: "Malattia di Alzheimer: variante frontale", 15 Dicembre 2023
10. Relazione su invito al 63° Congresso Nazionale SNO Bologna 5-8 Giugno 2024 con relazione dal titolo "Fenotipo cognitivo-comportamentale delle demenze neurodegenerative primarie"
11. "Consapevolezza di malattia: self-petrified", Public Engagement "La ricerca scientifica su disturbi cognitivi e demenze: dialogo tra ricercatori e cittadinanza", UNIMORE, Modena 30 November 2024
12. Demenza Fronto-Temporale: variante comportamentale", Regionale SINDEM Emilia Romagna 2024 "Focus sulla Demenza Fronto-Temporale", Bologna 6 December 2024

## AWARDS AND HONORS

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### *Public selection winner*

1. November 2010, Scholarship from University of Modena and Reggio Emilia "Le basi cerebrali di preferenza e comportamenti politici", PI Prof. P. Nichelli
2. January 2011, PhD in Neuroscience, University of Modena and Reggio Emilia
3. 2015, Specialista Ambulatoriale presso AUSL Modena (atto numero 43995-15 del 15/06/2015)
4. 2016, Specialista Ambulatoriale presso AUSL Reggio Emilia (Atto numero 151 del 29/96/2016)

### *Awards*

1. 2001 Scholarship "Premio di studio" University of Modena and Reggio Emilia
2. 2002 Scholarship "Premio di studio" University of Modena and Reggio Emilia
3. 2003 Scholarship "Premio di studio" University of Modena and Reggio Emilia
4. 2004 Scholarship "Premio di studio" University of Modena and Reggio Emilia
5. 2008 Scholarship "Premio Giovani Sin" to attend SIN National Congress
6. 2009 Scholarship "Premio Giovani Sin" to attend SIN National Congress
7. 2010 Scholarship "Premio Giovani Sin" to attend SIN National Congress
8. 2011 Scholarship "Premio Giovani Sin" to attend SIN National Congress
9. 2012 Scholarship "Premio Giovani Sin" to attend SIN National Congress
10. 2014 Scholarship "Premio Giovani Sin" to attend SIN National Congress
11. 2012 Scholarship "Premio Giovani SINDEM" to attend SINDEM National Congress
12. 2014 Scholarship "Premio Giovani SINDEM" to attend SINDEM National Congress
13. 2014 Best Poster Presentation, SIN National Congress, Cagliari 12 October 2014 "Functional Correlates Of Implicit Awareness In Alzheimer's Disease And Mild Cognitive Impairment"
14. Co-author "Best Paper 2020" from LIMPE-DISMOV "Predictors of Long-Term Outcome of Subthalamic Stimulation in Parkinson Disease"

### *Honors*

1. Subject Expert in Neurology (“Cultore della Materia”) at the Department of Biomedical, Metabolic and Neural Science Department - Clinical Neuroscience Division, University of Modena and Reggio Emilia, Italy
2. SINDEM Direction Member, Emilia-Romagna section
3. Reviewer Editor for Alzheimer’s Disease and Related Dementias (section of Frontiers in Aging Neuroscience)
4. Associate Editor for Cognitive and Behavioral Neurology, section of Frontiers
5. Ad hoc Reviewer for “Brain”, “Cortex”

## PUBLICATIONS

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*Metrics* (Web of Science ResearcherID: AAB-7054-2019; ORCID-ID <https://orcid.org/0000-0001-6698-5437>)

Google Scholar: H-Index 23, citations 1823

Web of Science: H-Index 22, citations 1433

### *Papers*

1. **M. Tondelli**, J. Mandrioli, G. Ficarra, R. Pentore, F. Girolami, I. Ghidoni, and V. Agnoletto “When right atrial myxoma meets PFO: a case of paradoxical brain embolism”, *Teaching Neurimage, Neurology*, 2008; 70; e1-e2, ISSN: 0028-3878
2. **M. Tondelli**, F. Benuzzi, M.A. Molinari, A. Ariatti, M. Pugnaghi, G. Monti, P. Nichelli, S. Meletti “Temporal epilepsy and social cognition in a patient with Turner syndrome” *Bollettino-lega italiana contro l’epilessia*, 2008, vol. 138, p. 233-234, ISSN: 0394-560X
3. G. Monti, M. Pugnaghi, **M. Tondelli**, A. Ariatti, P. Nichelli, S. Meletti “Absence status epilepticus as first manifestation of Hashimoto’s encephalopathy” *Bollettino-lega italiana contro l’epilessia*, 2008, vol. 138, p. 35-37, ISSN: 0394-560X
4. G. Bigliardi, MC. Malaguti, P. Sola, E. Georgouloupoulou, **M.Tondelli**, F. Barbi, E. Canali; J. Mandrioli “Bilateral Vocal Cord Paralysis: A Rare Onset of Amyotrophic Lateral Sclerosis”, *Archives of neurology*, 2010, ISSN: 0003-9942
5. **M. Tondelli**, G.K. Wilcock, P. Nichelli, C.A. De Jager, M. Jenkinson, G. Zamboni “Structural MRI changes detectable up to ten years before clinical Alzheimer’s disease” *Neurobiology of aging*, 2011, vol. 825, p. e25-36,
6. F. Cavallieri, J. Mandrioli, **M. Tondelli**, F. Vitetta, C. Stipa, S. Vallone, E. Georouloupoulou, F. Barbi, R. Liguori, P. Parchi, P. Nichelli “Pearls & Oy-sters: Rapidly progressive dementia: Prions or Immunomediated?”, *Neurology*, 2014 Apr29;82(17)
7. Vaudano AE, Ruggieri A, **Tondelli M**, Avanzini P, Benuzzi F, Gessaroli G, Cantalupo G, Mastrangelo M, Vignoli A, Bonaventura CD, Canevini MP, Bernardina BD, Nichelli PF, Meletti S “The visual system in eyelid myclonia with absences”, *Annals of Neurology*, 2014 Sep; 76(3)
8. Luca Codeluppi, Paolo Spagnolo, **Manuela Tondelli**, Maria Chiara Malaguti, Jessica Mandrioli “Recurrent cerebrospinal basophilia in neuroscaroidosis” *Acta neurologica belgica*, 2014
9. **Tondelli M**, Bedin R, Chiari A, Molinari MA, Bonifacio G, Lelli N, Trenti T, Nichelli P “Role of cerebrospinal fluid biomarkers to predict conversion to dementia in patients with mild cognitive impairment: a clinical color study” *Clinical chemistry and laboratory medicine*, 2014 Oct 2
10. **Manuela Tondelli**, Giulia Monti, Giada Giovannini, Roberta Bedin, Paolo F Nichelli, Tommaso Trenti, Stefano Meletti, Annalisa Chiari “Cerebrospinal fluid proteins in status epilepticus”, *Epilepsy&Behavior*, 2015
11. Borroni B, Turrone R, FTD Group-SINDEM “Italian Frontotemporal Dementia Network (FTD Group-SINDEM): sharing clinical and diagnostic procedures in Frontotemporal Dementia in Italy” *Neurological sciences* 2015
12. Giuliana Galassi, **Manuela Tondelli** “IgM MGUS anti-MAG neuropathy can rarely express as a predominantly distal motor neuropathy, *Muscle&Nerve*, 2016, 53, 827
13. **Manuela Tondelli**, Anna Elisabetta Vaudano, Andrea Ruggieri, Stefano Meletti “Cortical and subcortical brain alterations in Juvenile Absence Epilepsy”, *NeuroImage: Clinical*, 2016, 12, 306-311
14. G Galassi, **M Tondelli**, A Ariatti, F Benuzzi, P Nichelli, F Valzania “Long-term disability and prognostic factors in polyneuropathy associated with anti-myelin-associated glycoprotein (MAG) antibodies” *International Journal of Neuroscience*, 2016, 1-25

15. G Giovannini, G Monti, **M. Tondelli**, A Marudi, F Valzania, M Leitinger, E Trinkka, S. Meletti "Mortality, Morbidity and refractoriness prediction in statue epilepticus: comparison of STESS and EMSE score" *Seizure* 2017, 46, 31-37
16. M Mazzoli, A Ariatti, F Valzania, S Kaleci, **M Tondelli**, P Nichelli, G Galassi "Factors affecting outcome in Ocular Myasthenia Gravis" *International Journal of Neuroscience*, 2017, 1-17
17. **Tondelli M**, Pizza F, Vaudano AE, Plazzi G, Meletti S "Cortical and Subcortical Brain Changes in Children and Adolescents with Narcolepsy Type 1." *Sleep* 2017, Dec 13
18. Vinceti M, Chiari A, Vinceti M, Chiari A, Eichmüller M, Rothman KJ, Filippini T, Malagoli C, Weuve J, **Tondelli M**, Zamboni G, Nichelli PF, Michalke B. "A selenium species in cerebrospinal fluid predicts conversion to Alzheimer's dementia in persons with mild cognitive impairment". *Alzheimers Res Ther.* 2017 Dec 19;9(1):100. doi: 10.1186/s13195-017-0323-1
19. Whelan C, et al. (ENIGMA Consortium) "Structural brain abnormalities in the common epilepsies assessed in 3876 individuals worldwide" (2017), *Brain.* 2018 Feb 1;141(2):391-408. doi: 10.1093/brain/awx341.
20. **Tondelli M**, Barbarulo AM, Vinceti G, Vincenzi C, Chiari A, Nichelli PF, Zamboni G. "Neural Correlates of Anosognosia in Alzheimer's Disease and Mild Cognitive Impairment: A Multi-Method Assessment." *Front Behav Neurosci* 2018 May 17;12:100
21. M. Vinceti, A. Chiari, et al. "Selenium Species in Cerebrospinal Fluid Predicts Conversion to Alzheimer's Dementia in Persons with Mild Cognitive Impairment". *Alzheimers Res Ther*, 2017, Dec 19
22. M. Vinceti, B Michalke, C. Malagoli, et al. "Selenium and Selenium Species in the Etiology of Alzheimer's Dementia: The Potential for Bias of the Case-Control Study Design". *J Trace Elem Med Biol*, 2019, May, 53
23. SM Sisodiya, C Whelan, et al. "The ENIGMA-Epilepsy Working Group: Mapping Disease From Large Data Sets". *Human Brain Mappin*, 2020, May 29
24. **M. Tondelli**, AE Vaudano, SM Sisodiya, S. Meletti. "Valproate use is associated with posterior cortical thinning and ventricular enlargement in epilepsy patients". *Frontiers Neurology*, July 2020
25. A. Chiari, G. Vinceti, G. Adani, **M. Tondelli**, et al. "Epidemiology of early onset dementia and its clinical presentations in the Province of Modena, Italy". *Alzheimer's And Dementia*, January 2021
26. Adani G, Filippini T, Garuti C, Malavolti M, Vinceti G, Zamboni G, **Tondelli M**, Galli C, Costa M, Vinceti M, Chiari A. "Environmental Risk Factors for Early-Onset Alzheimer's Dementia and Frontotemporal Dementia: A Case-Control Study in Northern Italy." *Int J Environ Res Public Health.* 2020
27. Filippini T, Adani G, Malavolti M, Garuti C, Cilloni S, Vinceti G, Zamboni G, **Tondelli M**, Galli C, Costa M, Chiari A, Vinceti M. "Dietary Habits and Risk of Early-Onset Dementia in an Italian Case-Control Study." *Nutrients.* 2020 Nov
28. Cavallieri F, Fraix V, Bove F, Mulas D, **Tondelli M**, Castrioto A, Krack P, Meoni S, Schmitt E, Lhommée E, Bichon A, Pélissier P, Chevrier E, Kistner A, Seigneuret E, Chabardès S, Moro E "Predictors of Long-Term Outcome of Subthalamic Stimulation in Parkinson Disease." *Ann Neurol.* 2021 Mar
29. Mazzoli M, Molinari MA, **Tondelli M**, Giovannini G, Ricceri R, Ciolli L, Picchetto L, Meletti S "Olfactory function and viral recovery in COVID-19." *Brain Behav.* 2021 Mar
30. Ciolli L, Lelli N, Rosafio F, Maffei S, Sacchetti F, Vandelli L, Dell'Acqua ML, Picchetto L, Borzi GM, Ricceri R, Pentore R, **Tondelli M**, Vandelli G, Rodríguez-Villatoro N, Meletti S, Zini A, Vallone S, Bigliardi G. "Platelet Function Monitoring Performed after Carotid Stenting during Endovascular Stroke Treatment Predicts Outcome." *J Stroke Cerebrovasc Dis.* 2021 Jul
31. **Tondelli M**, Galli C, Vinceti G, Fiondella L, Salemme S, Carbone C, Molinari MA, Chiari A, Zamboni G "Anosognosia in Early- and Late-Onset Dementia and Its Association With Neuropsychiatric Symptoms." *Front Psychiatry.* 2021 May
32. Altmann A, Ryten M, Di Nunzio M, Ravizza T, Tolomeo D, Reynolds RH, Somani A, Bacigaluppi M, Iori V, Micotti E, Di Sapia R, Cerovic M, Palma E, Ruffolo G, Botía JA, Absil J, Alhusaini S, Alvim MKM, Auvinen P, Bargallo N, Bartolini E, Bender B, Bergo FPG, Bernardes T, Bernasconi A, Bernasconi N, Bernhardt BC, Blackmon K, Braga B, Caligiuri ME, Calvo A, Carlson C, Carr SJA, Cavalleri GL, Cendes F, Chen J, Chen S, Cherubini A, Concha L, David P, Delanty N, Depondt C, Devinsky O, Doherty CP, Domin M, Focke NK, Foley S, Franca W, Gambardella A, Guerrini R, Hamandi K, Hibar DP, Isaev D, Jackson GD, Jahanshad N, Kälviäinen R, Keller SS, Kochunov P, Kotikalapudi R, Kowalczyk MA, Kuzniecky R, Kwan P, Labate A, Langner S, Lenge M, Liu M, Martin P, Mascalchi M, Meletti S, Morita-Sherman ME, O'Brien TJ, Pariente JC, Richardson MP, Rodriguez-Cruces R, Rummel C, Saavalainen T, Semmelroch MK, Severino M, Striano P, Thesen T, Thomas RH, **Tondelli M**, Tortora D, Vaudano AE, Vivash L, von Podewils F, Wagner J, Weber B, Wiest R, Yasuda CL, Zhang G, Zhang J; ENIGMA-Epilepsy Working Group, Leu C, Avbersek A; EpiPGX Consortium, Thom M, Whelan CD, Thompson P, McDonald CR,

- Vezzani A, Sisodiya SM. "A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies." *Neuropathol Appl Neurobiol*. 2021 Aug
33. Cioclu MC, Coppola A, **Tondelli M**, Vaudano AE, Giovannini G, Krithika S, Iacomino M, Zara F, Sisodiya SM, Meletti S "Cortical and Subcortical Network Dysfunction in a Female Patient With *NEXMIF* Encephalopathy." *Front Neurol*. 2021 Sep
  34. Chiari A, Pistoresi B, Galli C, **Tondelli M**, Vinceti G, Molinari MA, Addabbo T, Zamboni G "Determinants of Caregiver Burden in Early-Onset Dementia." *Dement Geriatr Cogn Dis Extra*. 2021 Aug 13
  35. Chiari A, **M. Tondelli**, C. Galli, C. Carbone, L. Fiondella, S. Salemme, G. Vinceti, R. Bedin, MA Molinari, G. Zamboni "How long does it take to diagnose young-onset dementia? A comparison with late-onset dementia" *Neurological Sciences* 2022 43, pages4729–4734 (2022)
  36. Park BY, Larivière S, Rodríguez-Cruces R, Royer J, Tavakol S, Wang Y, Caciagli L, Caligiuri ME, Gambardella A, Concha L, Keller SS, Cendes F, Alvim MKM, Yasuda C, Bonilha L, Gleichgerrcht E, Focke NK, Kreilkamp BAK, Domin M, von Podewills F, Langner S, Rummel C, Rebsamen M, Wiest R, Martin P, Kotikalapudi R, Bender B, O'Brien TJ, Law M, Sinclair B, Vivash L, Kwan P, Desmond PM, Malpas CB, Lui E, Alhusaini S, Doherty CP, Cavalleri GL, Delanty N, Kälviäinen R, Jackson GD, Kowalczyk M, Mascalchi M, Semmelroch M, Thomas RH, Soltanian-Zadeh H, Davoodi-Bojd E, Zhang J, Lenge M, Guerrini R, Bartolini E, Hamandi K, Foley S, Weber B, Depondt C, Absil J, Carr SJA, Abela E, Richardson MP, Devinsky O, Severino M, Striano P, Parodi C, Tortora D, Hatton SN, Vos SB, Duncan JS, Galovic M, Whelan CD, Bargalló N, Pariente J, Conde-Blanco E, Vaudano AE, **Tondelli M**, Meletti S, Kong XZ, Francks C, Fisher SE, Caldaïrou B, Ryten M, Labate A, Sisodiya SM, Thompson PM, McDonald CR, Bernasconi A, Bernasconi N, Bernhardt BC. "Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy." *Brain*. 2022 May 24;145(4):1285-1298. doi: 10.1093/brain/awab417
  37. **Tondelli M**, **Benuzzi F**, **Ballotta D**, Molinari MA, Chiari A, Zamboni Eliciting "Implicit Awareness in Alzheimer's Disease and Mild Cognitive Impairment: A Task-Based Functional MRI Study." *Front Aging Neurosci*. 2022 Apr 12;14:816648. doi: 10.3389/fnagi.2022.816648. eCollection 2022.PMID: 35493936
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