

Fausto Roveta, MD

Department of Neuroscience
University of Turin
Turin, Italy

Personal

Family name, First name: Fausto Roveta
Date of Birth: January 21st, 1991
Nationality: Italian
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Contact Information

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Education

PhD in Neuroscience

Department of Neuroscience “Rita-Levi Montalcini”, University di Turin, Italy.
Supervisor: Prof. Innocenzo Rainero.
Thesis: “Investigating synaptic and neuroinflammation biomarkers in the Alzheimer’s disease continuum”.
Date: November 21 – Ongoing.

Neurology Residency

Department of Neuroscience “Rita-Levi Montalcini”, University di Turin, Italy.
Supervisor: Prof. Innocenzo Rainero.
Thesis: “Investigating the role of a rare variant of the GRIN2C gene in an Italian family of Alzheimer’s disease”.
Date: December 2017 – December 2021.
Final mark: 70/70 with honours.

Medical Degree

School of Medicine, University of Turin, Italy.
Supervisor: Prof. Riccardo Soffietti
Thesis: “Clinico-radiological, molecular, therapeutic and prognostic features of medulloblastoma of the adult: results from an institutional series”.
Date: October 2010 – March 2017.
Final mark: 110/110 with honours.

Erasmus Project

G.T. Popa University of Medicine and Pharmacy, Iasi, Romania.
Date: October 2014 – June 2015.

Research grants

- Airalz Grants for Young Researchers 2023 – AGYR 2023.
Principal Investigator for the project “Investigating synaptic and neuroinflammation biomarkers in the Alzheimer’s disease continuum”.
Funded by: Airalz Onlus.
Funding: 48.299,00€.
- 4-years PhD Scholarship
Funded by: Italian Ministry of Education and Research, “Dipartimento di Eccellenza”

Clinical Trials (participation as sub-investigator)

- A Randomised, Double-blind, Placebo-controlled Clinical Trial Investigating the Effect and Safety of Oral Semaglutide in Subjects With Early Alzheimer’s Disease (EVOKE/EVOKE Plus)
Date: 2021 – Ongoing.
- Comprehensive Assessment of Erenumab Efficacy in Subjects With High Frequency Episodic Migraine With at Least 1 Previously Failed Preventive Treatment: a Global, Double-blind, Placebo controlled Phase 4 Study.
Date: 2021 – Ongoing.
- A 1-year Trial to Inform About Long-term Exposure to Eptinezumab in Participants With Chronic Cluster Headache (cCH) (CHRONICLE).
Date: 2021–2023.
- Eptinezumab in Participants With Episodic Cluster Headache (ALLEVIATE).
Date: 2020–2023.
- A Double-blind, Placebo-controlled, Relapse Prevention Study of Pimavanserin for the Treatment of Hallucinations and Delusions Associated With Dementia-related Psychosis.
Date: 2018–2020.
- A Placebo-Controlled, Double-Blind, Parallel-Group, 24-Month Study to Evaluate the Efficacy and Safety of E2609 in Subjects with Early Alzheimer’s Disease.
Date: 2018–2020.
- Interceptor project on early diagnosis of prodromal stage of Alzheimer’s disease. The progression from Mild cognitive impairment (MCI) to dementia: the role of biomarkers in early interception of patients candidate for prescription of future disease-modifying drugs.
Date: 2019 – Ongoing.

Review activities

- Journal of Alzheimer’s Disease, Editorial Board (Associate editor)
- Journal of Alzheimer’s Disease (Ah hoc reviewer)
- Aging Clinical and Experimental Research (Ah hoc reviewer)
- Frontiers in Aging Neuroscience (Ah hoc reviewer)
- Frontiers in Neurology (Ah hoc reviewer)

- The Journal of Headache and Pain (Ah hoc reviewer)
- International Journal of Molecular Sciences (Ah hoc reviewer)

Teaching activities

- Post-graduate course in “Diagnosi e terapia della malattia di Alzheimer e delle altre demenze”, Department of Neuroscience “Rita-Levi Montalcini”, University di Turin, Italy.
Date: 2019 – Ongoing.
- Post-graduate course in “Cefalee: Fisiopatologia, diagnosi e terapia”, Department of Neuroscience “Rita-Levi Montalcini”, University di Turin, Italy.
Date: 2019 – Ongoing.

Membership of scientific societies

- Member of the SIN (Italian Neurological Society)
- Member of the SINDem (Italian Neurological Society for Dementia)
- Member of the executive board of the regional (Piemonte, Liguria, Valle d’Aosta, Italy) section of the SINDem.
- Member of the SISC (Italian Society for Headache Study)

Awards and Honours

- Winner of “Progetto Giovani”, L National Congress SIN, Bologna, Italy (2019).
- Winner of “Premio miglior Poster”, XV National Congress SINDEM, Virtual Edition, Firenze, Italy (2022).
- Winner of “Progetto Giovani”, LII National Congress SIN, Milano, Italy (2022).

Scientific Publications

Roveta, F., Marcinnò, A., Grassini, A., Ferrandes, F., Cermelli, A., Boschi, S., Gallone, S., Atzori, C., Imperiale, D., Dentelli, P., Pasini, B., Brusco, A., Rubino, E., & Rainero, I. (2023). A Novel *PSEN1* Variant Leading to Posterior Cortical Atrophy: A Case Report. *Journal of Alzheimer’s disease reports*, 7(1), 469–473. <https://doi.org/10.3233/ADR230023>

Roveta, F., Grassini, A., Marcinnò, A., Rubino, E., & Rainero, I. (2023). The political discourse on Alzheimer's disease and related dementias: a Twitter content analysis. *Neurological sciences : official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology*, 10.1007/s10072-023-06799-5. Advance online publication. <https://doi.org/10.1007/s10072-023-06799-5>

Rubino, E., Marcinnò, A., Grassini, A., Piella, E. M., Ferrandes, F., **Roveta, F.**, Boschi, S., Cermelli, A., Gallone, S., Savi, L., & Rainero, I. (2022). Polymorphisms of the Proinflammatory Cytokine Genes Modulate the Response to NSAIDs but Not to Triptans in Migraine Attacks. *International journal of molecular sciences*, 24(1), 657. <https://doi.org/10.3390/ijms24010657>

Boschi, S., **Roveta, F. (co-first)**, Grassini, A., Marcinnò, A., Cermelli, A., Ferrandes, F., Rainero, I., & Rubino, E. (2022). A β 42 as a Biomarker of Alzheimer's Disease: Is Saliva a Viable Alternative to Cerebrospinal Fluid?. *Brain sciences*, 12(12), 1729. <https://doi.org/10.3390/brainsci12121729>

Marcinnò, A., Gallo, E., **Roveta, F.**, Boschi, S., Grassini, A., Rainero, I., & Rubino, E. (2022). Decreased resistin plasmatic concentrations in patients with Alzheimer's disease: A case-control study. *Heliyon*, 8(11), e11738. <https://doi.org/10.1016/j.heliyon.2022.e11738>

Rubino, E., Boschi, S., **Roveta, F.**, Marcinnò, A., Cermelli, A., Borghese, C., Vigliani, M. C., & Rainero, I. (2022). Investigating p62 Concentrations in Cerebrospinal Fluid of Patients with Dementia: A Potential Autophagy Biomarker In Vivo?. *Brain sciences*, 12(10), 1414. <https://doi.org/10.3390/brainsci12101414>

Bellenguez, C., Küçükali, F., Jansen, I. E., Kleindam, L., Moreno-Grau, S., Amin, N., Naj, A. C., Campos-Martin, R., Grenier-Boley, B., Andrade, V., Holmans, P. A., Boland, A., Damotte, V., van der Lee, S. J., Costa, M. R., Kuulasmaa, T., Yang, Q., de Rojas, I., Bis, J. C., Yaqub, A., ... **Roveta, F.**, ... Lambert, J. C. (2022). New insights into the genetic etiology of Alzheimer's disease and related dementias. *Nature genetics*, 54(4), 412–436. <https://doi.org/10.1038/s41588-022-01024-z>

Cremascoli, R., Sparasci, D., Giusti, G., Cattaldo, S., Prina, E., **Roveta, F.**, Bruno, F., Ghezzi, C., Cerri, S., Picascia, M., Bernini, S., Sinforiani, E., Terzaghi, M., Priano, L., Mauro, A., & Manni, R. (2022). Effects of Circadian Phase Tailored Light Therapy on Sleep, Mood, and Cognition in Alzheimer's Disease: Preliminary Findings in a Pivotal Study. *Frontiers in physiology*, 12, 755322. <https://doi.org/10.3389/fphys.2021.755322>

Roveta, F., Cermelli, A., Boschi, S., Ferrandes, F., Grassini, A., Marcinnò, A., Spina, M., Rubino, E., Borsello, T., Vercelli, A., & Rainero, I. (2022). Synaptic Proteins as Fluid Biomarkers in Alzheimer's Disease: A Systematic Review and Meta-Analysis. *Journal of Alzheimer's disease : JAD*, 90(4), 1381–1393. <https://doi.org/10.3233/JAD-220515>

Rubino, E., Boschi, S., Giorgio, E., Pozzi, E., Marcinnò, A., Gallo, E., **Roveta, F.**, Grassini, A., Brusco, A., & Rainero, I. (2022). Analysis of the DNA methylation pattern of the promoter region of calcitonin gene-related peptide 1 gene in patients with episodic migraine: An exploratory case-control study. *Neurobiology of pain (Cambridge, Mass.)*, 11, 100089. <https://doi.org/10.1016/j.ynpai.2022.100089>

Roveta, F., Marcinnò, A., Cremascoli, R., Priano, L., Cattaldo, S., Rubino, E., Gallo, E., Boschi, S., Mauro, A., & Rainero, I. (2022). Increased orexin A concentrations in cerebrospinal fluid of patients with behavioural variant frontotemporal dementia. *Neurological sciences : official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology*, 43(1), 313–317. <https://doi.org/10.1007/s10072-021-05250-x>

Franchino, F., Morra, I., Forni, M., Bertero, L., Zanini, C., **Roveta, F.**, Ricardi, U., Mantovani, C., Carpaneto, A., Migliore, E., Pellerino, A., Ferrio, F., Cassoni, P., Garbossa, D., Soffietti, R., & Ruda', R. (2021). Medulloblastoma in adults: an analysis of clinico-pathological, molecular and treatment factors. *Journal of neurosurgical sciences*, 10.23736/S0390-5616.21.05548-X. Advance online publication. <https://doi.org/10.23736/S0390-5616.21.05548-X>

de Rojas, I., Moreno-Grau, S., Tesi, N., Grenier-Boley, B., Andrade, V., Jansen, I. E., Pedersen, N. L., Stringa, N., Zettergren, A., Hernández, I., Montreal, L., Antúnez, C., Antonell, A., Tankard, R. M., Bis, J. C., Sims, R., Bellenguez, C., Quintela, I., González-Perez, A., Calero, M., ... **Roveta, F.**, ... Ruiz, A. (2021). Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. *Nature communications*, 12(1), 3417. <https://doi.org/10.1038/s41467-021-22491-8>

Grassini, A., Marcinnò, A., **Roveta, F.**, Gallo, E., Cermelli, A., Boschi, S., Rubino, E., & Rainero, I. (2021). Impact of COVID-19 on chronic migraine treated with erenumab: a case report. *Neurological sciences : official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology*, 42(8), 3079–3081. <https://doi.org/10.1007/s10072-021-05329-2>

Zucca, M., Isella, V., Lorenzo, R. D., Marra, C., Cagnin, A., Cupidi, C., Bonanni, L., Laganà, V., Rubino, E., Vanacore, N., Agosta, F., Caffarra, P., Sambati, R., Quaranta, D., Guglielmi, V., Appollonio, I. M., Logroscino, G., Filippi, M., Tedeschi, G., Ferrarese, C., ... **Roveta, F.**, ... SINdem COVID-19 Study Group (2021). Being the Family Caregiver of a Patient With Dementia During the Coronavirus Disease 2019 Lockdown. *Frontiers in aging neuroscience*, 13, 653533. <https://doi.org/10.3389/fnagi.2021.653533>

Gentile, E., Delussi, M., Abagnale, C., Caponnetto, V., De Cesaris, F., Frattale, I., Guaschino, E., Marcinnò, A., Ornello, R., Pistoia, F., Putorti, A., Candida, G., **Roveta, F.**, Lupi, C., Coppola, G., Prudenzone, A. M. P., Rainero, I., Sances, G., Roca, M. E., Trojano, M., ... de Tommaso, M. (2021). Migraine during COVID-19: Data from Second Wave Pandemic in an Italian Cohort. *Brain sciences*, 11(4), 482. <https://doi.org/10.3390/brainsci11040482>

Rainero, I., Bruni, A. C., Marra, C., Cagnin, A., Bonanni, L., Cupidi, C., Laganà, V., Rubino, E., Vacca, A., Di Lorenzo, R., Provero, P., Isella, V., Vanacore, N., Agosta, F., Appollonio, I., Caffarra, P., Bussè, C., Sambati, R., Quaranta, D., Guglielmi, V., ... **Roveta, F.**, ... SINdem COVID-19 Study Group (2021). The Impact of COVID-19 Quarantine on Patients With Dementia and Family Caregivers: A Nation-Wide Survey. *Frontiers in aging neuroscience*, 12, 625781. <https://doi.org/10.3389/fnagi.2020.625781>

Delussi, M., Gentile, E., Coppola, G., Prudenzone, A. M. P., Rainero, I., Sances, G., Abagnale, C., Caponnetto, V., De Cesaris, F., Frattale, I., Guaschino, E., Marcinnò, A., Ornello, R., Pistoia, F., Putorti, A., Roca, M. E., **Roveta, F.**, Lupi, C., Trojano, M., Pierelli, F., ... de Tommaso, M. (2020). Investigating the Effects of COVID-19 Quarantine in Migraine: An Observational Cross-Sectional Study From the Italian National Headache Registry (RICE). *Frontiers in neurology*, 11, 597881. <https://doi.org/10.3389/fneur.2020.597881>

Delussi, M., Gentile, E., Coppola, G., Prudenzone, A. M. P., Rainero, I., Sances, G., Abagnale, C., Caponnetto, V., De Cesaris, F., Frattale, I., Guaschino, E., Marcinnò, A., Ornello, R., Pistoia, F., Putorti, A., Roca, M. E., **Roveta, F.**, Lupi, C., Trojano, M., Pierelli, F., ... de Tommaso, M. (2020). Investigating the Effects of COVID-19 Quarantine in Migraine: An Observational Cross-Sectional Study From the Italian National Headache Registry (RICE). *Frontiers in neurology*, 11, 597881. <https://doi.org/10.3389/fneur.2020.597881>

Rainero, I., **Roveta, F.**, Vacca, A., Noviello, C., & Rubino, E. (2020). Migraine pathways and the identification of novel therapeutic targets. *Expert opinion on therapeutic targets*, 24(3), 245–253. <https://doi.org/10.1080/14728222.2020.1728255>

Zucca, M., Rubino, E., Vacca, A., De Martino, P., **Roveta, F.**, Govone, F., Gai, A., Caglio, M., Gentile, S., Giordana, M. T., & Rainero, I. (2020). Metacognitive impairment in

patients with episodic and chronic migraine. *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*, 72, 119–123.
<https://doi.org/10.1016/j.jocn.2019.12.048>

Rainero, I., Vacca, A., **Roveta, F.**, Govone, F., Gai, A., & Rubino, E. (2019). Targeting MTHFR for the treatment of migraines. *Expert opinion on therapeutic targets*, 23(1), 29–37.
<https://doi.org/10.1080/14728222.2019.1549544>

Other Information

Regular participation in main national and international congresses in Neurology also through scientific contributions (oral communications, posters).

Professional knowledge of oral and written English.

Excellent knowledge of the main operating systems, office packages and browsers.

I consent to the treatment of the personal data contained into my Curriculum Vitae according to the Regulation (EU) 2016/679 (General Data Protection Regulation – “GDPR”).

Turin, December 4th, 2023

A handwritten signature in black ink, reading 'Fausto Roveta'. The signature is written in a cursive, flowing style with a large initial 'F'.