

AGOSTINO CHIARAVALLOTI

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Date of Birth 24th October 1982, Catanzaro (Italy)

Address Viale Etiopia 2, 00199, Rome, Italy

EDUCATION

UNIVERSITY OF ROME "TOR VERGATA"

June 2009 - June 2014
Specialist in Training, Nuclear Medicine, cum laude

UNIVERSITY OF ROME 'LA SAPIENZA'

February 2001 - July 2007
Bachelor of Medicine and Surgery , Corso di Laurea Magistrale in Medicina e Chirurgia, cum laude

EXPERIENCE

• **UNIVERSITY OF "ROME TOR VERGATA"**

10/2013 – Present
PhD in Medical Biotechnology and Translational Imaging

Department of Biomedicine and Prevention (Nuclear Medicine),
University of Rome Tor Vergata, Director Professor Orazio Schillaci.

Department of Biomedicine and Prevention (Nuclear Medicine),
University of Rome Tor Vergata, Director Professor Orazio Schillaci.

• **OSPEDALE S. CROCE E CARLE, CUNEO, ITALY**

July 2010
Specialist in Training, Nuclear Medicine

Training on FDG-PET scan in assessing treatment response in
Hodgkin Lymphoma: application of Deauville Criteria.

• **UNIVERSITY OF ROME "TOR VERGATA"**

2008 - 2009
Attending Physician

Attending Physician at the Department of Biopathology and Diagnostic
Imaging, University of Rome Tor Vergata, Director Professor Orazio Schillaci.

- **UNIVERSITY OF ROME "LA SAPIENZA"**
2006 - 2008
Visitor Student

Visitor Student at the Department of Radiological Sciences (Nuclear Medicine), University of Rome "La Sapienza", Director Professor Rita Massa

- **UNIVERSITY OF ROME "LA SAPIENZA"**
2003 - 2004
Visitor Student

Visitor Student at the Laboratory of Behavioural Neurophysiology, University of Rome "La Sapienza", Director Professor Roberto Caminiti

CLINICAL ACTIVITY

As a specialist in training, I have performed:

- 13.604 Whole body PET/CT scans (including contrast enhanced CT)
- 8.746 Brain PET/CT scans
- 9.800 Scintigraphy (covering the major Nuclear Medicine applications)

I am actually covering an average of 20 whole body PET/CT scan, 7 Brain PET scan and 25 Scintigraphy per week

LANGUAGES

- Italian (Native or bilingual proficiency)
- English (Full professional proficiency)

COURSES (as lecturer)

- Pierre Lasjaunias ECNR European Course in Diagnostic and Interventional Neuroradiology; Tumors and Tumor-like Vascular lesions (2012)
- Advanced neuroimaging techniques applied to biological and medical sciences. Basic principles and prospective applications. PROGRAMMA OPERATIVO NAZIONALE RICERCA E COMPETITIVITA' 2007-2013.
- Master in Neuro-oncology: PET imaging in Glioma II. IRE, Rome, Italy
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PROJECTS

- **H8A-MC-LZAX** September 2013 to Present
Effect of passive immunization in the progression of Mild Alzheimer's Disease: Solanezumab (LY062430) versus Placebo
- **BAN2401-G000-201** September 2013 to Present
A Placebo-controlled, Double-blind, Parallel-group, Bayesian Adaptive Randomization Design and Dose Regimen-finding Study to Evaluate Safety, Tolerability, and Efficacy of BAN2401 in Subjects With Early Alzheimer's Disease
- **Avid 18 F-AV-45-A18** March 2013 to Present

A randomized, multicenter study, to evaluate the effectiveness of Florbetapir (18F) PET imaging in changing patient management and to evaluate the relationship between Florbetapir (18F) PET scan status and cognitive decline

- **Protocol I40-MC-BACC** January 2013 to Present

Assessment of Safety, Tolerability, and Pharmacodynamic Effects of LY2886721 in Patients with Mild Cognitive Impairment Due to Alzheimer's Disease or Mild Alzheimer's Disease

- **Gruppo Italiano Terapie Innovative nei Linfomi (HD0607)** 2011 to Present

Multicentre clinical study with early treatment intensification in patients with high risk Hodgkin lymphoma, identified as FDG-PET positive after two conventional ABVD courses (HD 0607 study)

- **IIL HD0801** 2011 to Present

High-dose chemotherapy and stem cell transplantation in Hodgkin's lymphoma with positive PET scan after the first 2 cycles of ABVD chemotherapy and evaluation, in the PET-2 negative cases treated with ABVD 6, of the radiotherapy outcome in Bulky

INTERESTS

Methodology of Positron Emission Tomography (PET) and Single Photon Emission Tomography (SPECT) and development of related radiopharmaceuticals. Application of telemedicine and image transmission and their impact on medicine and society. Neurobiological correlates of psychiatric disorders and neurodegenerative diseases and their detection by functional neuroimaging. Optimisation of neurodegenerative and psychiatric disease diagnosis by advanced mathematical and statistical methods. Neurophysiology and neurobiology of Parkinson's disease, Alzheimer disease and related disorders and therapy by SPECT and PET. Applications of Nuclear Medicine in Lymphoma and role of 18F-FDG PET/CT in the evaluation of therapy response in Hodgkin disease. Hybrid imaging (PET/CT, SPECT/CT and PET/MR) in oncology.

Communications at peer reviewed International Conferences:

- **Chiaravalloti, M. Pagani, M. Alessandrini, A. Micarelli, B. Di Pietro, A. Lacanfora, B. Napolitano, R. Danieli, O. Schillaci, D. Di Biagio.** Cortical 18F FDG-PET changes during olfactory stimulation in normal subjects. *EANM'13 - Annual Congress of the European Association of Nuclear Medicine* October 19 - 23, 2013
- **Alberto Biggi, Stephane Chauvie, Federico Fallanca, Agostino Chiaravalloti, Michele Gregianin, Umberto Ficola and Andrea Gallamini.** Concordance in interim PET reporting in the prospective HD 0607 clinical trial in advanced-stage Hodgkin lymphoma. *J Nucl Med.* **2012**; 53 (Supplement 1):1378
- **Chiaravalloti, B. Di Pietro, M. Pierantozzi, M. Tavolozza, D. Di Biagio, E. Palombo, R. Catalano, P. Stanzione, O.Schillaci.** The severity of cardiac sympathetic denervation is not related to presynaptic nigrostriatal degeneration in Parkinson's disease. *XI Congresso Nazionale AIMN – Torino* 1-4 March 2013
- **Chiaravalloti A, Pagani M, Alessandrini M, Napolitano B, Di Pietro B, Micarelli M, Danieli R, Bruno E, Schillaci O.** Cortical metabolic changes in vestibular neuritis detected by ¹⁸F-

FDG PET/CT. European Association of Nuclear Medicine Congress; October 9th-13th, 2011, Birmingham, England. **Eur J Nuc Med Mol Imaging 2011**; 38(2): 332-333.

- **Chiaravalloti A, Pagani M, Di Pietro B, Danieli R, Tavolozza M, Travascio L, Ragano C, Testa A, Cantonetti M, Schillaci O.** Is cerebral brain glucose metabolism affected by chemotherapy in patients with Hodgkin s lymphoma? European Association of Nuclear Medicine Congress; October 9th-13th, 2011, Birmingham, England. **Eur J Nuc Med Mol Imaging 2011**; 38(2): 226-227.
- **Chiaravalloti A, Stefani A, Di Pietro B, Bruni C, Pierantozzi M, Moschella V, Stanzione P, Schillaci O.** Different patterns of nigrostriatal degeneration in tremor type versus the akinetic-rigid and mixed types of Parkinson's disease at the early stages: molecular imaging with 123I-FP-CIT SPECT. **Q J Nucl Med 2011**; 2(1):40.
- **Gallamini A, Biggi A, Chauvie S, Stancu A, Fallanca F, Chiaravalloti A, Gregianin M, Ficola U, Mennitto MR, Rambaldi A.** Interim-PET Scan Interpretation In the Ongoing Prospective Clinical Trial HD 0607, In Advanced-Stage Hodgkin Lymphoma: Results of the Expert Panel Review. **53rd ASH Annual Meeting and Exposition** December 10-13 **2011**.

Invited Talks and plenary lectures:

- **Chiaravalloti A.** Diagnostica strumentale medico nucleare. In: Nuove frontiere nella malattia di Parkinson. Oasi di Kufra – March 2013 Sabaudia, Italy
- **Chiaravalloti A.** Imaging molecolare del sistema noradrenergico. In: Compromissione del Sistema Nervoso Vegetativo nella malattia di Parkinson e parkinsonismi: linea di confine o terreno di nessuno? Aula Anfiteatro POLICLINICO TOR VERGATA, October 2013, Rome, Italy.
- **Chiaravalloti A.** Novel PET tracers for amyloid imaging in Alzheimer disease. In: 3RD INTERNATIONAL CONFERENCE Debrecen, 26 – 27 June 2013
- **Chiaravalloti A.** FDG and amyloid imaging in Alzheimer's Disease. In: First Mediterranean thematic workshop on advanced molecular brain imaging with compact high performance MRI-compatible PET and SPECT imagers – potential for a paradigm shift. 30th-02nd September 2012, Giardini di Naxos Taormina, Sicily, Italy.
- **Chiaravalloti A.** La PET nei clinical trials dei Centri Laziali. In: Giornata di aggiornamento sul Linfoma di Hodgkin. 2012, 22th March, Rome (Italy).
- **Chiaravalloti A.** PET and in vivo visualization of amyloid. In: VII Congresso Sindem. 2012, 22th-24th March, Naples (Italy).
- **Chiaravalloti A.** Differential diagnosis in neurodegenerative diseases in Nuclear Medicine. In: the territory as a meeting point between prevention and chronic care management. III meeting AINAT LAZIO. 14th and 15th June 2011, Rome (Italy).

- **Chiaravalloti A.** Role of Molecular Imaging with SPECT in movement disorders. In: Multidisciplinary area of neurology. 8th and 9th June 2010, Rome (Italy)

- **Publications**

1. Chiaravalloti, A., Di Biagio, D., Tavolozza, M., Calabria, F., Schillaci, O., "PET/CT with 18F-choline after radical prostatectomy in patients with PSA \leq 2 ng/ml. Can PSA velocity and PSA doubling time help in patient selection?", 2016, "European Journal of Nuclear Medicine and Molecular Imaging", "1", "7", "10.1007/s00259-015-3306-0", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84954519406&partnerID=40&md5=0695398bf9e662aa81c34dab3b8a1b12", Article in Press, Scopus, 2-s2.0-84954519406
2. Strigari, L., Attili, A., Duggento, A., Chiaravalloti, A., Schillaci, O., Guerrisi, M.G., "Quantitative analysis of basal and interim PET/CT images for predicting tumor recurrence in patients with Hodgkin's lymphoma", 2016, "Nuclear Medicine Communications", "37", "1", "16", "22", "10.1097/MNM.0000000000000399", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84948579718&partnerID=40&md5=f5f6888709d7613f10076fc3179af682", Article, Scopus, 2-s2.0-84948579718
3. Chiaravalloti, A., Pagani, M., Micarelli, A., Di Pietro, B., Genovesi, G., Alessandrini, M., Schillaci, O., "Cortical activity during olfactory stimulation in multiple chemical sensitivity: a 18F-FDG PET/CT study", 2016, "European Journal of Nuclear Medicine and Molecular Imaging", "42", "5", "733", "740", "10.1007/s00259-014-2969-2", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84925496839&partnerID=40&md5=d05d1345228abe6cd3487e124d8e3ffe", Article, Scopus, 2-s2.0-84925496839
4. Chiaravalloti, A., Floris, R., Schillaci, O., "18F FDOPA uptake in brain metastasis of breast cancer", 2016, "Revista Espanola de Medicina Nuclear e Imagen Molecular", "35", "1", "46", "47", "10.1016/j.remnm.2015.05.005", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84954196855&partnerID=40&md5=15ff9cbf15586f332606257307719136", Article, Scopus, 2-s2.0-84954196855
5. Di Biagio, D., Chiaravalloti, A., Tavolozza, M., Abbatiello, P., Schillaci, O., "Detection of local recurrence of prostate cancer after radical prostatectomy: Is there a role for early 18F-FCH PET/CT?", 2015, "Annals of Nuclear Medicine", "29", "10", "861", "869", "10.1007/s12149-015-1015-1", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84949109297&partnerID=40&md5=ae070879848764097d786d88328d38ab", Article, Scopus, 2-s2.0-84949109297
6. Alessandrini, M., Micarelli, A., Chiaravalloti, A., Bruno, E., Danieli, R., Pierantozzi, M., Genovesi, G., Öberg, J., Pagani, M., Schillaci, O., "Involvement of Subcortical Brain Structures During Olfactory Stimulation in Multiple Chemical Sensitivity", 2015, "Brain Topography", "10", "10", "10.1007/s10548-015-0453-3", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84944526055&partnerID=40&md5=594e118ea5eb9b89058feed330fcd9c7", Article in Press, Scopus, 2-s2.0-84944526055
7. Chiaravalloti, A., Martorana, A., Koch, G., Toniolo, S., Di Biagio, D., Di Pietro, B., Schillaci, O., "Functional correlates of t-Tau, p-Tau and A β 1-42 amyloid cerebrospinal fluid levels in

- Alzheimer's disease: A 18F-FDG PET/CT study",2015,"Nuclear Medicine Communications", "36", "5", "461", "468", "10.1097/MNM.0000000000000272", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84927571653&partnerID=40&md5=681cae321badda188e9eead619523443", Article, Scopus, 2-s2.0-84927571653
8. Chiaravalloti, A., Floris, R., Schillaci, O., "Comparison of 18F FDOPA PET, DSC-MRI and spectroscopy in a patient with brain metastatic lesions from lung cancer",2015,"Revista Espanola de Medicina Nuclear e Imagen Molecular", "10.1016/j.remn.2015.06.003", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84941712523&partnerID=40&md5=c82f1f25455307d734633ddb49e48f26", Article in Press, Scopus, 2-s2.0-84941712523
 9. Chiaravalloti, A., Fiorentini, A., Villani, V., Carapella, C., Pace, A., Di Pietro, B., Di Russo, C., Palumbo, B., Floris, R., Schillaci, O., "Factors affecting 18F FDOPA standardized uptake value in patients with primary brain tumors after treatment",2015,"Nuclear Medicine and Biology", "42", "4", "355", "359", "10.1016/j.nucmedbio.2015.01.002", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84924865055&partnerID=40&md5=a0b1b9f221b1768eacfd48994bfe5197", Article, Scopus, 2-s2.0-84924865055
 10. Chiaravalloti, A., Pagani, M., Cantonetti, M., Di Pietro, B., Tavolozza, M., Travascio, L., Di Biagio, D., Danieli, R., Schillaci, O., "Brain metabolic changes in hodgkin disease patients following diagnosis and during the disease course: An 18F-FDG PET/CT study",2015,"Oncology Letters", "9", "2", "685", "690", "10.3892/ol.2014.2765", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84918802712&partnerID=40&md5=0bab51fcdf519fe87c0e0bca6bd83dd", Article, Scopus, 2-s2.0-84918802712
 11. Chiaravalloti, A., Schillaci, O., "Reply to comments by Laffon et al.: Liver SUV versus stage in Hodgkin's lymphoma: the total amount of uptake may play a role in the inverse relationship",2015,"European Journal of Nuclear Medicine and Molecular Imaging", "42", "1", "166", "10.1007/s00259-014-2926-0", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84912019024&partnerID=40&md5=887d74564838c2e636a736276871af02", Letter, Scopus, 2-s2.0-84912019024
 12. Chiaravalloti, A., Rubello, D., Chondrogiannis, S., Giammarile, F., Colletti, P.M., Schillaci, O., "Low-dose CT and contrast-medium CT in hybrid PET/CT systems for oncologic patients",2015,"Nuclear Medicine Communications", "36", "9", "867", "870", "10.1097/MNM.0000000000000314", "http://www.scopus.com/inward/record.url?eid=2-s2.0-84938797957&partnerID=40&md5=e1713d94087723f3d27a257b1fb5b765", Review, Scopus, 2-s2.0-84938797957
 13. Chiaravalloti, A., Spanu, A., Danieli, R., Dore, F., Piras, B., Falchi, A., Tavolozza, M., Madeddu, G., Schillaci, O., "111In-pentetreotide SPECT/CT in pulmonary carcinoid",2015,"Anticancer Research", "35", "7", "4265", "4270", "http://www.scopus.com/inward/record.url?eid=2-s2.0-

- 84937153697&partnerID=40&md5=be1b7c9a3e63d53c349bd5a436a8f151",Article,Scopus,2-s2.0-84937153697
14. Villani, V., Carapella, C.M., Chiaravalloti, A., Terrenato, I., Piludu, F., Vidiri, A., Schillaci, O., Floris, R., Marzi, S., Fabi, A., Pace, A., "The role of PET [18F]FDOPA in evaluating low-grade glioma",2015,"Anticancer Research", "35", "9", "5117", "5122" ,,,,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84939630466&partnerID=40&md5=b017f68be1c03a6e06741cce9a6f550f",Article,Scopus,2-s2.0-84939630466
 15. Chiaravalloti, A., Schillaci, O., "Reply to comments by Laffon et al.: Liver SUV versus stage in Hodgkin's lymphoma: the total amount of uptake may play a role in the inverse relationship",2015,"European journal of nuclear medicine and molecular imaging", "42", "1", "166", "", "2",10.1007/s00259-014-2926-0,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84929942338&partnerID=40&md5=e798133ae92a7a8c613f907941f403",Letter,Scopus,2-s2.0-84929942338
 16. Chiaravalloti, A., Schillaci, O., "Decoupled association between 18F-FDG and 18F-FDOPA uptake in a carcinoid of the thymus",2015,"Revista Espanola de Medicina Nuclear e Imagen Molecular", "", "", "", "10.1016/j.remn.2015.07.004,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84938703595&partnerID=40&md5=731057b6a43819aa3704611c7d04091a",Article in Press,Scopus,2-s2.0-84938703595
 17. Rocchi, C., Pierantozzi, M., Galati, S., Chiaravalloti, A., Pisani, V., Prosperetti, C., Lauretti, B., Stampanoni Bassi, M., Olivola, E., Schillaci, O., Stefani, A., "Autonomic Function Tests and MIBG in Parkinson's Disease: Correlation to Disease Duration and Motor Symptoms",2015,"CNS Neuroscience and Therapeutics", "21", "9", "727", "732" ,,1,10.1111/cns.12437,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84939251893&partnerID=40&md5=6b4209b14ed5f0c9266173328a27ee8d",Article,Scopus,2-s2.0-84939251893
 18. Calabria, F., Calabria, E., Chiaravalloti, A., Barbarisi, M., Schillaci, O., "A case of intracranial meningioma detected by 18F-choline PET/CT and examined by PET/MRI fusion imaging",2014,"Revista Espanola de Medicina Nuclear e Imagen Molecular", "", "", "", "4",10.1016/j.remn.2013.06.006,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84903867266&partnerID=40&md5=4f71b508f8d884391a70c5c436e3330e",Article in Press,Scopus,2-s2.0-84903867266
 19. Alessandrini, M., Micarelli, A., Chiaravalloti, A., Candidi, M., Bruno, E., Di Pietro, B., Schillaci, O., Pagani, M., "Cortico-subcortical metabolic correlates of olfactory processing in healthy resting subjects",2014,"Scientific Reports", "4", "5146", "", "", "2",10.1038/srep05146,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84901920339&partnerID=40&md5=6355d254ebae62f72a608944481d986e",Article,Scopus,2-s2.0-84901920339
 20. Calabria, F., Chiaravalloti, A., Schillaci, O., "18F-choline PET/CT pitfalls in image interpretation: An update on 300 examined patients with prostate cancer",2014,"Clinical

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Medicine", "39", "2", "122", "130", "22,10.1097/RLU.0000000000000303,"http://www.scopus.com/inward/record.url?eid=2-s2.0-

84893005458&partnerID=40&md5=b16c356a7f19126073cb2081f45ba910",Article,Scopus,2-s2.0-84893005458

21. Chiaravalloti, A., Danieli, R., Caracciolo, C.R., Travascio, L., Cantonetti, M., Gallamini, A., Guazzaroni, M., Orlacchio, A., Simonetti, G., Schillaci, O., "Initial staging of hodgkin's disease: Role of contrast-enhanced 18F FDG PET/CT",2014,"Medicine (United States)", "93", "8", "94", "11", "3", "355", "361", "1,10.1097/MD.000000000000050,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84906083515&partnerID=40&md5=fac9c40a9a35fdf3dbc47616a78e64ee",Article,Scopus,2-s2.0-84906083515
22. Chauvie, S., Biggi, A., Stancu, A., Cerello, P., Cavallo, A., Fallanca, F., Ficola, U., Gregianin, M., Guerra, U.P., Chiaravalloti, A., Schillaci, O., Gallamini, A., "WIDEN: A tool for medical image management in multicenter clinical trials",2014,"Clinical Trials", "11", "3", "355", "361", "1,10.1177/1740774514525690,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84901247635&partnerID=40&md5=faadd38150c1f28e0389643bfa433f4f",Article,Scopus,2-s2.0-84901247635
23. Micarelli, A., Pagani, M., Chiaravalloti, A., Bruno, E., Pavone, I., Candidi, M., Danieli, R., Schillaci, O., Alessandrini, M., "Cortical metabolic arrangement during olfactory processing: Proposal for a 18F FDG PET/CT methodological approach",2014,"Medicine (United States)", "93", "19", "e103", "11", "3", "355", "361", "1,10.1097/MD.000000000000103,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84916234872&partnerID=40&md5=8187d3a5a5b5880845cc2976b97db60b",Article,Scopus,2-s2.0-84916234872
24. Alessandrini, M., Micarelli, A., Bruno, E., Chiaravalloti, A., Pietro, B.D., Schillaci, O., Candidi, M., Öberg, J., Pagani, M., "Cerebellar metabolic involvement and its correlations with clinical parameters in vestibular neuritis",2014,"Journal of Neurology", "261", "1", "1976", "1985", "10.1007/s00415-014-7449-x,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84914708214&partnerID=40&md5=70a8f98b196f0fdd0ed5b894d04fa019",Article,Scopus,2-s2.0-84914708214
25. Chiaravalloti, A., Stefani, A., Fiorentini, A., Lacanfora, A., Stanzione, P., Schillaci, O., "Erratum to: Do CSF levels of t-Tau, p-Tau and β ₁₋₄₂ amyloid correlate with dopaminergic system impairment in patients with a clinical diagnosis of Parkinson disease? A 123I-FP-CIT study in the early stages of the disease",2014,"European Journal of Nuclear Medicine and Molecular Imaging", "41", "11", "2165", "2166", "10.1007/s00259-014-2918-0,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84922002604&partnerID=40&md5=eb0b0467338fab55b0c7486dd8cd4a75",Erratum,Scopus,2-s2.0-84922002604
26. Schillaci, O., Chiaravalloti, A., Chiaravalloti, A., Travascio, L., Floris, R., Simonetti, G., "18F-FDG PET/MR in herpes simplex virus encephalitis: A case study",2014,"Revista Espanola de Medicina Nuclear e Imagen Molecular", "33", "4", "249", "250", "3,10.1016/j.remn.2013.10.002,"http://www.scopus.co

- m/inward/record.url?eid=2-s2.0-84903702485&partnerID=40&md5=b9eabdde8c383aa577e9e9d15b67de3f",Article,Scopus,2-s2.0-84903702485
27. Schirinzi, T., Chiaravalloti, A., Davoli, A., Pierantozzi, M., Sancesario, G., "Transient parkinsonism after unilateral midbrain stroke: a compensatory intervention from the healthy side?",2014,"Neurological Sciences", "35", "12" ,, "2013", "2015" ,,10.1007/s10072-014-1836-z,"http://www.scopus.com/inward/record.url?eid=2-s2.0-84911969700&partnerID=40&md5=e925e8c4a77ccd749d0421c0b03ca203",Letter,Scopus,2-s2.0-84911969700
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