

**PERSONAL  
INFORMATION**

**Francesca Di Giuliano**

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Date of birth:

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Nationality: Italian

Current position: Type-B temporary research fellows Neuroradiology  
Unit; University of Rome Tor Vergata (Rome, ITA)

**CURRICULUM VITAE**

## EDUCATION

2021 Master di II level in Master in Economy and Management, University of Rome Tor Vergata (Rome, ITA)

2020 PhD “Molecular Medicine and Applied Biotechnologies”, Tor Vergata University, Rome , Italy

2011-2016 Diagnostic and Interventional Radiology Resident Physician, Tor Vergata University Hospital, Rome, Italy Italian Medical Licence Examination

2010 Doctor of Medicine and Surgery (MD) with Honours, University of Rome “Tor Vergata”, Italy

## RESEARCH EXPERIENCE

2015-2017 Regina Elena National Cancer Institute, Rome, Italy. Research experience on diagnostic imaging of head and neck

2016-2017 Collaboration as a Radiologist Specialist in the AIRC study “Early Diffusion Weighted magnetic Resonance imaging changes to predict tumor response to chemoradiotherapy in HN cancer” – Principal Investigator Prof. Giuseppe Sanguineti at the Department of Neuroradiology, Head and Neck Diagnostic Imaging, Regina Elena National Cancer Institute, Rome, Italy

2016-2019 Participation in the expert figure in the scientific project on the optimization of the SIGNA VOYAGER GE platform in clinical imaging in particular for brain and column for diffusion, perfusion, Arterial Spin Labeling, weighted susceptibility, spectroscopy, BOLD imaging, CUBE DIR.

2011-present Tor Vergata University Hospital, Rome, Italy. Research experience on m-CTA and CT perfusion, MRI in Patient with acute stroke.

## PUBLICATIONS

1. Martucci A, Picchi E, Di Giuliano F, Pocobelli G, Mancino R, Toschi N, Russo R, Floris R, Garaci F, Nucci C Imaging biomarkers for Alzheimer's disease and glaucoma: Current and future practices..Curr Opin Pharmacol. 2022 Feb;62:137-144. doi: 10.1016/j.coph.2021.12.003. Epub 2022 Jan 4.PMID: 34995895 Review.
2. **Di Giuliano, F.**, Minosse, S., Picchi, E., Ferrazzoli, V., Da Ros, V., Muto, M., Pistolese, CA., Garaci, F., Floris, R. ***Qualitative and quantitative analysis of 3D T1 Silent imaging.*** Radiol Med. 2021 Jun 15. doi: 10.1007/s11547-021-01380-6. Online ahead of print. PMID: 34131844. Impact Factor: 3.469
3. **Di Giuliano, F.**, Picchi, E., Muto, M., Calcagni, A., Ferrazzoli, V., Da Ros, V., Minosse, S., Chiaravalloti, A., Garaci, F., Floris, R., Muto, M. ***Radiological imaging in multiple myeloma: review of the state-of-the-art*** (2020) Neuroradiology, 62 (8), pp. 905-923. DOI: 10.1007/s00234-020-02417-9. Impact Factor: 2.804
4. **Di Giuliano, F.**, Minosse, S., Picchi, E., Marfia, G.A., Da Ros, V., Muto, M., Muto, M., Pistolese, C.A., Laghi, A., Garaci, F., Floris, R. ***Comparison between synthetic and conventional magnetic resonance imaging in patients with multiple sclerosis and controls*** (2020) Magnetic Resonance Materials in Physics, Biology and Medicine, 33 (4), pp. 549-557. DOI: 10.1007/s10334-019-00804-9. Impact Factor: 2.31
5. **Di Giuliano, F.**, Albanese, M., Picchi, E., Mori, F., Buttari, F., Marfia, G.A., Garaci, F., Mercuri, N.B., Floris, R., Centonze, D., Marziali, S. ***Abnormal cervical lymph nodes in multiple sclerosis: a preliminary ultrasound study*** (2018) Radiologia Medica, 123 (3), pp. 202-208. DOI: 10.1007/s11547-017-0829-4. Impact Factor: 3.469

6. **Di Giuliano, F.**, Picchi, E., Sallustio, F., Ferrazzoli, V., Alemseged, F., Greco, L., Minosse, S., Da Ros, V., Diomedi, M., Garaci, F., Marziali, S., Floris, R. ***Accuracy of advanced CT imaging in prediction of functional outcome after endovascular treatment in patients with large-vessel occlusion*** (2019) *Neuroradiology Journal*, 32 (1), pp. 62-70. DOI: 10.1177/1971400918805710. CiteScore: 2.100
  
7. Picchi, E., **Di Giuliano, F.** (Corresponding author), Marziali, S., Minosse, S., Ferrazzoli, V., Da Ros, V., Gaziev, J., Pistolese, C.A., Floris, R., Garaci, F. ***Radiological findings of Posterior Reversible Encephalopathy Syndrome in transplanted children previous affected by hemoglobinopathy: A neuroimaging retrospective analysis*** (2019) *European Journal of Radiology Open*, 6, pp. 144-151. DOI: 10.1016/j.ejro.2019.03.001. Impact Score: 1.547
  
8. Marziali, S., Garaci, F., **Di Giuliano, F.** (Corresponding author), Chiaravalloti, A., Schirinzi, T., Davoli, A., Bozzao, A., Floris, R. ***Transient MR-angiography changes associated with morphological alterations in epileptic seizure: A short case series*** (2016) *Journal of the Neurological Sciences*, 360, pp. 25-29. DOI: 10.1016/j.jns.2015.11.027. Impact Factor: 3.181
  
9. Grillo, P., **Di Giuliano, F.**, Massa, R., Mercuri, N.B., Schirinzi, T. ***Movement disorders in primary central nervous system lymphoma: two unreported cases and a review of literature*** (2021) *Neurological Sciences*, 42 (3), pp. 905-910. DOI: 10.1007/s10072-020-04985-3. Impact Factor: 3.307
  
10. Alemseged, F., Ng, F.C., Williams, C., Puetz, V., Boulouis, G., Kleinig, T.J., Rocco, A., Wu, T.Y., Shah, D., Arba, F., Kaiser, D., **Di Giuliano, F.\***, Morotti, A., Sallustio, F., Dewey, H.M., Bailey, P., O'Brien, B., Sharma, G., Bush, S., Dowling, R., Diomedi, M., Churilov, L., Yan, B., Parsons, M.W., Davis, S.M., Mitchell, P.J., Yassi, N., Campbell, B.C.V., BATMAN study group and EXTEND IA TNK study group ***Tenecteplase vs Alteplase Before Endovascular Therapy in Basilar Artery Occlusion*** (2021) *Neurology*, 96 (9), pp. e1272-e1277. DOI: 10.1212/WNL.00000000000011520. Impact Factor: 8.770

11. Alemseged, F., Shah, D.G., Bivard, A., Kleinig, T.J., Yassi, N., Diomed, M., **Di Giuliano, F. \***, Sharma, G., Drew, R., Yan, B., Dowling, R.J., Bush, S., Sallustio, F., Caltagirone, C., Mercuri, N.B., Floris, R., Parsons, M.W., Levi, C.R., Mitchell, P.J., Davis, S.M., Campbell, B.C.V. ***Cerebral blood volume lesion extent predicts functional outcome in patients with vertebral and basilar artery occlusion*** (2019) International Journal of Stroke, 14 (5), pp. 540-547. DOI: 10.1177/1747493017744465. Impact Factor: 5.266
12. Alemseged, F., Van Der Hoeven, E., **Di Giuliano, F.\***, Shah, D., Sallustio, F., Arba, F., Kleinig, T.J., Bush, S., Dowling, R.J., Yan, B., Sharma, G., Limbucci, N., Floris, R., Donnan, G.A., Puetz, V., Diomed, M., Parsons, M.W., Mitchell, P.J., Davis, S.M., Yassi, N., Schonewille, W.J., Campbell, B.C.V., ***Basilar Artery Treatment and Management (BATMAN) Collaboration Response to Late-Window Endovascular Revascularization Is Associated with Collateral Status in Basilar Artery Occlusion*** (2019) Stroke, 50 (6), pp. 1415-1422. DOI: 10.1161/STROKEAHA.118.023361. Impact Factor: 7.914
13. Minosse, S., Garaci, F., Martucci, A., Lanzafame, S., **Di Giuliano, F.\***, (Picchi, E., Cesareo, M., Mancino, R., Guerrisi, M., Pistolese, C.A., Floris, R., Nucci, C., Toschi, N. ***Primary open angle glaucoma is associated with functional brain network reorganization*** (2019) Frontiers in Neurology, 10 (OCT), art. no. 1134, . DOI: 10.3389/fneur.2019.01134. Impact Factor: 4.03
14. López-Ortiz, S., Pinto-Fraga, J., Valenzuela, P.L., Martín-Hernández, J., Seisdedos, M.M., García-López, O., Toschi, N., **Di Giuliano, F.**, Garaci, F., Mercuri, N.B., Nisticò, R., Emanuele, E., Lista, S., Lucia, A., Santos-Lozano, A. ***Physical exercise and alzheimer's disease: Effects on pathophysiological molecular pathways of the disease*** (2021) International Journal of Molecular Sciences, 22 (6), art. no. 2897, pp. 1-29. DOI: 10.3390/ijms22062897. Impact Factor: 5.923
15. Da Ros, V., Cortese, J., Chassin, O., Rouchaud, A., Sarov, M., Caroff, J., Mihalea, C., Minosse, S., Taifas, I., Scaggiante, J., Greco, L., Ikka, L., Ben Achour, N., **Di Giuliano, F.**, Ozanne, A., Legris, N., Diomed, M., Sallustio, F., Floris, R., Denier, C., Spelle, L. ***Thrombectomy or intravenous thrombolysis in patients with NIHSS of 5 or less?*** (2019)

Journal of Neuroradiology, 46 (4), pp. 225-230. DOI: 10.1016/j.neurad.2019.01.089. Impact Factor: 3.447

16. Da Ros, V., Diana, F., Sabuzi, F., Malatesta, E., Sanna, A., Scaggiante, J., **Di Giuliano, F.**, Gandini, R., Floris, R., Floris, R., Ruggiero, M. ***Flow diverters for ruptured posterior circulation perforator aneurysms: Multicenter experience and literature review*** (2020) Journal of NeuroInterventional Surgery, 12 (7), pp. 688-694. DOI: 10.1136/neurintsurg-2019-015558. Impact Factor: 5.836
17. Di Ciò, F., Garaci, F., Minosse, S., Passamonti, L., Martucci, A., Lanzafame, S., **Di Giuliano, F.**, Picchi, E., Cesareo, M., Guerrisi, M.G., Floris, R., Nucci, C., Toschi, N. ***Reorganization of the structural connectome in primary open angle Glaucoma*** (2020) NeuroImage: Clinical, 28, art. no. 102419, . DOI: 10.1016/j.nicl.2020.102419. Impact Factor: 4.881
18. Gurnari, C., Breccia, M., **Di Giuliano, F.**, Scalzulli, E., Divona, M., Piciocchi, A., Cicconi, L., De Bellis, E., Venditti, A., Del Principe, M.I., Arcese, W., Lo-Coco, F., Garaci, F., Voso, M.T. ***Early intracranial haemorrhages in acute promyelocytic leukaemia: analysis of neuroradiological and clinico- biological parameters*** (2021) British Journal of Haematology, 193 (1), pp. 129-132. DOI: 10.1111/bjh.17018. Impact Factor: 6.998
19. Garaci, F., **Di Giuliano, F.**, Picchi, E., Da Ros, V., Floris, R. ***Venous cerebral thrombosis in COVID-19 patient*** (2020) Journal of the Neurological Sciences, 414, art. no. 116871, . DOI: 10.1016/j.jns.2020.116871. Impact Factor: 3.181
20. Minosse, S., Garaci, F., Martino, F., Di Mauro, R., Melis, M., **Di Giuliano, F.**, Picchi, E., Guerrisi, M., Floris, R., Di Girolamo, S., Toschi, N. ***Global and local brain connectivity changes associated with sudden unilateral sensorineural hearing loss*** (2021) NMR in Biomedicine, DOI: 10.1002/nbm.4544. Impact Factor: 4.004
21. Minosse, S., Picchi, E., **Di Giuliano, F.**, Sarmati, L., Teti, E., Pistolese, C.A., Lanzafame, S., Di Ciò, F., Guerrisi, M., Andreoni, M., Floris, R., Toschi, N., Garaci, F. ***Functional brain network***

- reorganization in HIV infection** (2021) Journal of Neuroimaging, . DOI: 10.1111/jon.12861. Impact Factor: 2.486
22. Nucci, C., Garaci, F., Altobelli, S., Di Ciò, F., Martucci, A., Aiello, F., Lanzafame, S., **Di Giuliano, F.**, Picchi, E., Minosse, S., Cesareo, M., Guerrisi, MG., Floris, R., Passamonti, L., Toschi, N. ***Diffusional Kurtosis Imaging of White Matter Degeneration in Glaucoma*** J Clin Med 2020 Sep 27;9(10):3122. doi: 10.3390/jcm9103122. Impact Factor: 4.241
23. Garaci, F., Picchi, E., **Di Giuliano, F.**, Lanzafame, S., Minosse, S., Manenti, G., Pistolese, C.A., Sarmati, L., Teti, E., Andreoni, M., Floris, R., Toschi, N. ***Cerebral Multishell Diffusion Imaging Parameters are Associated with Blood Biomarkers of Disease Severity in HIV Infection*** (2019) Journal of Neuroimaging, 29 (6), pp. 771-778. DOI: 10.1111/jon.12655. Impact Factor: 2.486
24. Vidiri, A., Marzi, S., Gangemi, E., Benevolo, M., Rollo, F., Farneti, A., Marucci, L., Spasiano, F., Sperati, F., **Di Giuliano, F.**, Pellini, R., Sanguineti, G. ***Intravoxel incoherent motion diffusion-weighted imaging for oropharyngeal squamous cell carcinoma: Correlation with human papillomavirus Status*** (2019) European Journal of Radiology, 119, art. no. 108640, DOI: 10.1016/j.ejrad.2019.08.009. Impact Factor: 3.528
25. Garaci, F., Toschi, N., Lanzafame, S., Marfia, G.A., Marziali, S., Meschini, A., **Di Giuliano, F.**, Simonetti, G., Guerrisi, M., Massa, R., Floris, R. ***Brain MR diffusion tensor imaging in Kennedy's disease*** (2015) Neuroradiology Journal, 28 (2), pp. 126-132. DOI: 10.1177/1971400915581740. CiteScore: 2.100
26. Marzi, S., Farneti, A., Vidiri, A., **Di Giuliano, F.**, Marucci, L., Spasiano, F., Terrenato, I., Sanguineti, G. ***Radiation-induced parotid changes in oropharyngeal cancer patients: The role of early functional imaging and patient-/treatment-related factors*** (2018) Radiation Oncology, 13 (1), art. no. 189, . DOI: 10.1186/s13014-018-1137-4. Impact Factor: 3.481
27. Gaziev, J., Marziali, S., Paciaroni, K., Isgrò, A., **Di Giuliano, F.**, Rossi, G., Marziali, M., De Angelis, G., Alfieri, C., Ribersani, M., Andreani, M., Palmieri, M.G., Placidi, F., Romigi, A., Izzi, F., Floris, R., Mercuri, N.B.

**Posterior Reversible Encephalopathy Syndrome after Hematopoietic Cell Transplantation in Children with Hemoglobinopathies** (2017)

Biology of Blood and Marrow Transplantation, 23 (9), pp. 1531-1540. DOI: 10.1016/j.bbmt.2017.05.033. Impact Factor: 5.742

28. Marziali, S., Picchi, E., **Di Giuliano, F.**, Pisani, A., Mercuri, N.B., Floris, R., Albanese, M. **Facial diplegia resembling bilateral Ramsay Hunt Syndrome** (2017) Journal of the Neurological Sciences, 376, pp. 109-111. DOI: 10.1016/j.jns.2017.03.011. Impact Factor: 3.181
29. Marziali, S., Picchi, E., **Di Giuliano, F.**, Altobelli, S., Mataluni, G., Marfia, G., Garaci, F., Floris, R. **Acute disseminated encephalomyelitis following Campylobacter jejuni gastroenteritis: Case report and review of the literature** (2017) Neuroradiology Journal, 30 (1), pp. 65-70. DOI: 10.1177/1971400916680123. CiteScore: 2.100
30. Marziali, S., **Di Giuliano, F.**, Picchi, E., Natoli, S., Leonardis, C., Leonardis, F., Garaci, F., Floris, R. **Non-convulsive status epilepticus in a patient with carbon-monoxide poisoning treated with hyperbaric oxygen therapy** (2016) Neuroradiology Journal, 29 (6), DOI: 10.1177/1971400916665379. CiteScore: 2.100
31. Frisardi, F., Stefanini, M., Natoli, S., Cama, V., Loreni, G., **Di Giuliano, F.**, Fiume, D., Leonardis, C., Dauri, M., Sabato, A.F., Simonetti, G., Leonardis, F. **Decompressive craniectomy may cause diagnostic challenges to asses brain death by computed tomography angiography** (2014) Minerva Anestesiologica, 80 (1), pp. 113-118. PMID: 23698543. Impact Factor: 3.051
32. Pistolese, C.A., Lamacchia, F., Tosti, D., Anemona, L., Ricci, F., Censi, M., Materazzo, M., Vanni, G., Collura, A., **Di Giuliano, F.**, Perretta, T., Buonomo, O.C. **Reducing the number of unnecessary percutaneous biopsies: The role of second opinion by expert breast center radiologists** (2020) Anticancer Research, 40 (2), pp. 939-950. DOI: 10.21873/anticanres.14027 Impact Factor: 2.48
33. Barranco Pons, R., Da Ros, V., Scaggiante, J., Muniz da Silva, G., Picchi, E., **Di Giuliano, F.**, Aja Rodriguez, L., Chirife Chaparro, O. **Transradial Comaneci-assisted coiling of a direct carotid-cavernous**



*fistula* (2019) Radiology Case Reports, 14 (12), pp. 1554-1557. DOI: 10.1016/j.radcr.2019.09.001. Impact Factor: CiteScore 2020: 0.7

34. **Di Giuliano, F.**, Picchi, E., Scaggiante, J., Ferrante, P., Misciasci, T., Da Ros, V., Pistolese, C.A., Floris, R., Garaci, F. ***Posterior reversible encephalopathy syndrome and Wernicke encephalopathy in patient with acute graft-versus- host disease*** (2019) Radiology Case Reports, 14 (8), pp. 971-976. DOI: 10.1016/j.radcr.2019.05.024. Impact Factor: CiteScore 2020: 0.7
35. **Di Giuliano, F.**, Picchi, E., Lacchè, A., Bozzi, A., Cavaleri, Y., Garaci, F., Floris, R. ***Congenital kidney malformation: Computed tomography and scintigraphy findings of renal reversed rotation*** (2019) Radiology Case Reports, 14 (6), pp. 678-682. DOI: 10.1016/j.radcr.2019.03.004. Impact Factor: CiteScore 2020: 0.7
36. Picchi, E., **Di Giuliano, F.**, Ferrari, D., Pistolese, C.A., Garaci, F., Floris, R. ***Pleural thymoma: Radiological and histological findings*** (2018) European Journal of Radiology Open, 5, pp. 147-152. DOI: 10.1016/j.ejro.2018.08.003. Impact Score: 1.547
37. Orlacchio, A., Chegai, F., Fabiano, S., Merolla, S., Funel, V., **Di Giuliano, F.**, Manuelli, M., Tisone, G., Francioso, S., Angelico, M., Palmieri, G., Simonetti, G. ***Role of MRI with hepatospecific contrast agent in the identification and characterization of focal liver lesions: pathological correlation in explanted livers*** (2016) Radiologia Medica, 121 (7), pp. 588-596. DOI: 10.1007/s11547-016-0636-3. Impact Factor: 3.469
38. Manenti G, **Di Giuliano F**, Bindi A, Liberto V, Funel V, Garaci FG, Floris R, Simonetti G. ***A Case of Primary T-Cell Central Nervous System Lymphoma: MR Imaging and MR Spectroscopy Assessment.*** Case Rep Radiol. 2013;2013:916348. doi: 10.1155/2013/916348. Epub 2013 May 23. PMID: 23781374 Free PMC article

## PERSONAL SKILLS

MOTHER TONGUE

Italian

## OTHER LANGUAGES

### English

- Reading Excellent
- Writing Excellent
- Speaking Excellent

## SOCIAL SKILLS AND COMPETENCES

Good relational skills and good team-working capabilities acquired during the working experience in Tor Vergata University Hospital. Predisposition and experience to operate in the international community, as demonstrated during the Erasmus Programme.

## ORGANIZATION SKILLS AND COMPETENCES

Excellent organization skills acquired coordinating the team in research projects and during daily clinical activity.

## TECHNICAL SKILLS AND COMPETENCES

Neuroradiology, Magnetic Resonance Imaging, Ultrasonography, Computed Tomography.

Rome, 27/05/2022

*Francesca Di Giuliano*