

# ANTONIO BRUNO

MD

## EDUCATION

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### PhD Student | University of "Tor Vergata", Rome

2021- now

### Resident in Neurology | University of "Tor Vergata", Rome

2017 - 2022

Key Modules: general neurology, stroke unit, Neuroimmunology, dementias, extrapyramidal diseases, myology, epileptology.

### Bachelor's degree in Medicine and Surgery | Second University of Naples (SUN).

2010 - 2016

Vote: 110L/110

## PROFESSIONAL EXPERIENCES

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### IRCCS NEUROMED

Internship and shift doctor in Neurology

Chief: Prof. D. Centonze

### Laboratory of synaptic immunology, University of Tor Vergata, Roma (RM)

Internship

2017-

2020

### Casa di cura "Villa dei Fiori", Mugnano di Napoli (NA)

Shift doctor in internal medicine and nephrology

Chief: Dott. Cucuzza

2017

### "Cardarelli" Hospital, Napoli

Internship doctor in emergency room

Chief: Dott. Palladino

2016-2017

### "Primo Policlinico" Hospital, Napoli

Internship in "Clinica del Sistema Nervoso"

Prof. Tedeschi

2016-2017

### Master Thesis (MD):

"Modificazioni Funzionali Interictali in Pazienti Affetti da Emicrania con Allodinia Cutanea Ictale".

Centro di Ricerca RM SUN-FISM, Istituto Neurologico di Diagnosi e Cura Hermitage Capodimonte, Napoli directed by: Prof. G. Tedeschi.

Supervisor: Prof. G. Tedeschi, Co-supervisor: Dott. A. Russo.

## GENERAL INFORMATIONS

Date of Birth: February 12, 1991

Nationality: Italian

Address: Via De Gasperi 17,  
Mugnano di Napoli (NA), 80018.

Phone number: +39 3339519437

E-mail: [brunoa.neuro@gmail.com](mailto:brunoa.neuro@gmail.com)

Orcid ID: 0000-0003-0976-3410

## SKILLS

Proficient user of:

- Microsoft office (word, excel)

Outpatient management of:

- Blood hypertension (basic)
- Headaches (medium)
- Neuroimmunology (medium)
- Multiple Sclerosis (advanced)

Reporting skills:

- Electrocardiogram (basic)

Pre-clinical skills

- Electrophysiology record in vitro (patch clamp, fields)
- Indirect immunofixation on SK and Hep2 cells

## LANGUAGES

English, B1.

## DRIVING LICENSE

B

## INTERESTS

Good predisposition for team work and problem solving matured co-directing the university student association named "Sun Hope" for 8<sup>th</sup> years.

**"U.O.C. Patologia Clinica e Molecolare", Settore di Immunopatologia, Azienda Ospedaliera Università degli studi della Campania "Luigi Vanvitelli"**

Internship at the laboratory of clinical immunology  
Prof. Dalla Mora; Dott. Abadessa  
2016

**"Monaldi" Hospital, Napoli**

Center for the treatment of blood hypertension  
Prof. Calabrò, Dott. Natale (Cardiology)  
2015

**"Monaldi" Hospital, Napoli**

Internship/Student in transplant medicine and cardiology  
Prof. Utili, Prof. Durante Mangoni (Transplant medicine)  
Prof. Calabrò, Dott. Natale (Cardiology)  
2014-2015

**Clerkship at the Wam Hospital, Lodz, Poland (PL)**

Colorectal surgery  
August 2014

## **PUBLICATIONS**

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### **Articles on Impacted Papers:**

Russo, A., Bruno, A., Trojsi, F., Tessitore, A., & Tedeschi, G. (2016). *Lifestyle Factors and Migraine in Childhood. Curr Pain Headache Rep (2016) 20:9.*

Russo, A., Tessitore, A., Bruno, A., Siciliano, M., Marcuccio, L., Silvestro, M., & Tedeschi, G. (2017). *Migraine Does Not Affect Pain Intensity Perception: A Cross-Sectional Study. Pain Medicine, 19(8), doi: 10.1093/pm/px174.*

Stampanoni Bassi, M., Gilio, L., Maffei, P., Dolcetti, E., Bruno, A., Buttari, F., Centonze, D., Iezzi, E. (2018). *Exploiting the Multifaceted Effects of Cannabinoids on Mood to Boost Their Therapeutic Use Against Anxiety and Depression. Frontiers in Molecular Neuroscience. 11:424. doi: 10.3389/fnmol.2018.00424.*

Stampanoni Bassi, M., Iezzi, E., Mori, F., Simonelli, I., Gilio, L., Buttari, F., ... Rizzo, F. R. (2019). *Interleukin-6 Disrupts Synaptic Plasticity and Impairs Tissue Damage Compensation in Multiple Sclerosis. Neurorehabilitation and Neural Repair, 154596831986871. doi:10.1177/1545968319868713.*

Musella, A., Fresegna, D., Rizzo, F. R., Gentile, A., De Vito, F., Caioli, S., ... Mandolesi, G. (2020). *"Prototypical" proinflammatory cytokine (IL-1) in multiple sclerosis: role in pathogenesis and therapeutic targeting. Expert Opinion on Therapeutic Targets, 1–10. doi:10.1080/14728222.2020.1709823.*

Musella, A., Gentile, A., Guadalupi, L., Rizzo, F. R., De Vito, F., Fresegna, D., ... Mandolesi, G. (2020). *Central Modulation of Selective Sphingosine-1-Phosphate Receptor 1 Ameliorates Experimental Multiple Sclerosis. Cells, 9(5), 1290. doi:10.3390/cells9051290.*

Bruno, A., Dolcetti, E., Rizzo, F. R., Fresegna, D., Musella, A., Gentile, A., ... Mandolesi, G. (2020). *Inflammation-Associated Synaptic Alterations as Shared Threads in Depression and Multiple Sclerosis. Frontiers in Cellular Neuroscience, 14. doi:10.3389/fncel.2020.00169.*

Dolcetti, E; Bruno, A; Guadalupi, L; ...Mandolesi, G (2020). *Emerging Role of Extracellular Vesicles in the Pathophysiology of Multiple Sclerosis. International Journal of Molecular Sciences, 21(19), 7336–. doi:10.3390/ijms21197336*

Fresegna, D; Bullitta, S;... Gentile, A (2020). *Re-Examining the Role of TNF in MS Pathogenesis and Therapy. Cells, 9(10), 2290–. doi:10.3390/cells9102290*

De Vito, F., Musella, A., Fresegna, D., Rizzo, F. R., Gentile, A., Bassi, M. S., ... Mandolesi, G. (2021). MiR-142-3p regulates synaptopathy-driven disease progression in multiple sclerosis. *Neuropathology and Applied Neurobiology*. doi:10.1111/nan.12765

Mandolesi, G., Rizzo, F. R., Balletta, S., Stampanoni Bassi, M., Gilio, L., Guadalupi, L., ... De Vito, F. (2021). The microRNA let-7b-5p Is Negatively Associated with Inflammation and Disease Severity in Multiple Sclerosis. *Cells*, 10(2), 330. doi:10.3390/cells10020330

Buttari, F., Bruno, A., Dolcetti, E., Azzolini, F., Bellantonio, P., Centonze, D., & Fantozzi, R. (2021). COVID-19 vaccines in multiple sclerosis treated with cladribine or ocrelizumab. *Multiple Sclerosis and Related Disorders*, 52, 102983. doi:10.1016/j.msard.2021.102983

Rizzo, F. R., Guadalupi, L., Sanna, K., Vanni, V., Fresegna, D., De Vito, F., ... Gentile, A. (2021). Exercise protects from hippocampal inflammation and neurodegeneration in experimental autoimmune encephalomyelitis. *Brain, Behavior, and Immunity*, 98, 13–27. doi:10.1016/j.bbi.2021.08.212

#### **Books Chapters:**

*Mangia sano che ti passa. Nutrizione e mal di testa. Miti, scienza e novità.*

*Authors: Barbanti, Jirillo.*

*Chapter: Cefalee ed alcol.*

**Posters and talk:**

*Bruno A., Natale F.; Vitulli F.; Laretta D.; Calabrò P. ; Russo M.G. ; Calabrò R.  
Aneurisma dell'aorta addominale: nuovi criteri per lo screening?  
SIEC 2015, Naples.*

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*In compliance with the GDPR and the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document".*

A handwritten signature in black ink, appearing to read "Antonio Russo". The signature is written in a cursive style with a large initial 'A'.