

**SINTESI CURRICULUM VITAE AI FINI DELLA PUBBLICAZIONE NELLA SEZIONE
AMMINISTRAZIONE TRASPARENTE**

**FORMATO
EUROPEO PER IL
CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome e Cognome	Daniele La Russa
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**ISTRUZIONE
E FORMAZIONE**

Titoli di Studio Universitari	
• Date (da – a)	Marzo 2008-Ottobre 2010
• Nome e tipo di istituto di istruzione o formazione	Università di Perugia
• Qualifica conseguita	Laurea Specialistica in Scienze Molecolari Biomediche (6S Biologia) con voti 110 e lode
Titoli di Studio e attività di aggiornamento post-universitari	
• Date (da – a)	Novembre 2015-Novembre 2018
• Nome e tipo di istituto di istruzione o formazione	Università della Calabria
• Qualifica conseguita	Dottore in Ricerca XXXI ciclo

**ESPERIENZA DIDATTICA
PRECEDENTE**

2014-presente	CO-RELATORE TESI SPERIMENTALI LAUREA MAGISTRALE IN BIOLOGIA E CHIMICA E TECNOLOGIA FARMACEUTICA UNIVERSITÀ DELLA CALABRIA
2017-presente	Culture della materia in Fisiologia presso l'Università della Calabria
Febbraio 2020-presente	Co-Titolare del corso Icfu presso la Scuola di dottorato Scienze in Life Science and Technology dell'Università della Calabria
TITOLI SCIENTIFICI E PUBBLICAZIONI	

<p>Dal 01-02-2020 al 30-11-2021</p> <p>Dal 01/12/2018 al 31/01/2020</p>	<p>Assegno di ricerca: Exploitation of circulating miRNAs for diagnosis and neuroprotection in translational stroke studies”</p> <p>Assegno di ricerca: Calcium release-activated calcium modulator 1 (ORAI-1) and Stromal interaction molecule 1 (STIM1) in brain ischemic preconditioning as new targets to reprogram the innate immune system and induce tolerance in neurons”</p>
<p>03/06/2022</p>	<p>Abilitazione Scientifica Nazionale Professore seconda fascia settore 05/D1 Fisiologia</p>
	<ol style="list-style-type: none"> 1. Bossio S, La Russa D, Antonucci G, Lofaro D, Urlandini L, Mandalà M, Conforti F, Di Dio M, Aversa A, Rago V, Di Agostino S, Perri A. Caloric restriction attenuates oxidative and inflammatory markers of aging, while compromising germinative epithelium homeostasis in the rat aged testis. <i>J Endocrinol Invest.</i> 2026 Jan 9. 2. Pellegrino, D. La Russa, D. Barberio, L. Pollution Has No Borders: Microplastics in Antarctica. <i>Environments</i> 2025, 12, 77. 3. Di Santo C, Siniscalchi A, La Russa D, Tonin P, Bagetta G, Amantea D. Brain Ischemic Tolerance Triggered by Preconditioning Involves Modulation of Tumor Necrosis Factor-α-Stimulated Gene 6 (TSG-6) in Mice Subjected to Transient Middle Cerebral Artery Occlusion. <i>Curr Issues Mol Biol.</i> 2024 Sep 4. Parafati M¹, La Russa D¹, Lascala A, Crupi F, Riillo C, Fotschki B, Mollace V, Janda E. Dramatic Suppression of Lipogenesis and No Increase in Beta-Oxidation Gene Expression Are among the Key Effects of Bergamot Flavonoids in Fatty Liver Disease. <i>Antioxidants.</i> 2024; 13(7):766. 5. Rago V, Conforti F, La Russa D, Antonucci G, Urlandini L, Lofaro D, Bossio S, Mandalà M, Pellegrino D, Aversa A, Di Agostino S, Perri A. The Effects of Caloric Restriction on Inflammatory Targets in the Prostates of Aged Rats. <i>Int J Mol Sci.</i> 2024 May 11;25(10):5236 6. La Russa D, Manni G, Di Santo C, Pieroni B, Pellegrino D, J. Barba F, Bagetta G, Fallarino F, Montesano D, Amantea D. Zeaxanthin exerts anti-inflammatory effects in vitro and provides significant neuroprotection in mice subjected to transient middle cerebral artery occlusion. <i>PharmaNutrition</i>, 27, 2021, 2213-4344

7. Bossio S, Perri A, Gallo R, De Bartolo A, Rago V, **La Russa D**, Di Dio M, La Vignera S, Calogero AE, Vitale G, Aversa A. Alpha-Lipoic Acid Reduces Cell Growth, Inhibits Autophagy, and Counteracts Prostate Cancer Cell Migration and Invasion: Evidence from In Vitro Studies. *Int J Mol Sci.* 2023 Dec 4;24(23):17111
8. Granata S¹, **La Russa D**¹, Stallone G, Perri A and Zaza G (2023) Inflammasome pathway in kidney transplantation. *Front. Med.* 10:1303110.
9. **La Russa D**, Barberio L, Marrone A, Perri A, Pellegrino D. Caloric Restriction Mitigates Kidney Fibrosis in an Aged and Obese Rat Model. *Antioxidants (Basel).* 2023 Sep 18;12(9):1778.
10. Marrone A, **La Russa D**, Barberio L, Murfuni MS, Gaspari M, Pellegrino D. Forensic Proteomics for the Discovery of New *post mortem* Interval Biomarkers: A Preliminary Study. *Int J Mol Sci.* 2023 Sep 27;24(19):14627.
11. **La Russa D**, Di Santo C, Lizasoain I, Moraga A, Bagetta G, Amantea D. Tumor Necrosis Factor (TNF)- α -Stimulated Gene 6 (TSG-6): A Promising Immunomodulatory Target in Acute Neurodegenerative Diseases. *Int J Mol Sci.* 2023 Jan 6;24(2):1162.
12. La Russa A, Lofaro D, Montesanto A, **La Russa D**, Zaza G, Granata S, Di Dio M, Serra R, Andreucci M, Bonofiglio R, Perri A. Association between *NLRP3 rs10754558* and *CARD8 rs2043211* Variants and Susceptibility to Chronic Kidney Disease. *Int J Mol Sci.* 2023 Feb 20;24(4):4184. doi: 10.3390/ijms24044184
13. Di Santo C, **La Russa D**, Greco R, Persico A, Zanaboni AM, Bagetta G, Amantea D. Characterization of the Involvement of Tumour Necrosis Factor (TNF)- α -Stimulated Gene 6 (TSG-6) in Ischemic Brain Injury Caused by Middle Cerebral Artery Occlusion in Mouse. *Int J Mol Sci.* 2023 Mar 18;24(6):5800.
14. Amantea D, **La Russa D**, Frisina M, Giordano F, Di Santo C, Panno ML, Pignataro G, Bagetta G. Ischemic Preconditioning

Modulates the Peripheral Innate Immune System to Promote Anti-Inflammatory and Protective Responses in Mice Subjected to Focal Cerebral Ischemia. *Front Immunol.* 2022 Mar 11;13:825834

15. Marrone A, La Russa D (co-authors), Brunelli E, Santovito G, La Russa MF, Barca D and Pellegrino D (2021) Antarctic Fish as a Global Pollution Sensor: Metals Biomonitoring in a Twelve-Year Period. *Front. Mol. Biosci.* 8:794946.

16. Marrone, A. La Russa, D. Montesanto, A. Lagani, V. La Russa, M.F. Pellegrino, D. Short and Long Time Bloodstains Age Determination by Colorimetric Analysis: A Pilot Study. *Molecules* 2021, 26, 6272

17. Marrone, A.; La Russa, M.F.; Randazzo, L.; La Russa, D.; Cellini, E.; Pellegrino, D. Microplastics in the Center of Mediterranean: Comparison of the Two Calabrian Coasts and Distribution from Coastal Areas to the Open Sea. *Int. J. Environ. Res. Public Health* 2021, 18, 10712.

18. Tedeschi, V.; La Russa, D.; Franco, C.; Vinciguerra, A.; Amantea, D.; Secondo, A. Plasma Membrane and Organellar Targets of STIM1 for Intracellular Calcium Handling in Health and Neurodegenerative Diseases. *Cells* 2021, 10, 2518.

19. Perri A, Lofaro D, LA Russa A, Lupinacci S, Toteda G, Curti A, Urso A, Bonofiglio R, LA Russa D, Pellegrino D, Brunetti A, Greco E. Proinflammatory profile of visceral adipose tissue and oxidative stress in severe obese patients carrying the variant rs4612666 C of NLRP3 gene. *Minerva Endocrinol (Torino).* 2021 Sep;46(3):309-316

20. Augimeri, G.; Galluccio, A.; Caparello, G.; Avolio, E.; La Russa, D.; De Rose, D.; Morelli, C.; Barone, I.; Catalano, S.; Andò, S.; Giordano, C.; Sisci, D.; Bonofiglio, D. Potential Antioxidant and Anti-Inflammatory Properties of Serum from Healthy Adolescents with Optimal Mediterranean Diet Adherence: Findings from DIMENU Cross-Sectional Study. *Antioxidants* 2021, 10, 1172.

21. La Russa D, Montesano D, Pellegrino D, Frisina M, Bagetta G,

Fallarino F, Amantea D. Systemic administration of sunflower oil exerts neuroprotection in a mouse model of transient focal cerebral ischaemia. *J Pharm Pharmacol*. **2021** Mar 22:rgab007.

22.La Russa D, Marrone A, Mandalà M, Macirella R, Pellegrino D. Antioxidant/Anti-Inflammatory Effects of Caloric Restriction in an Aged and Obese Rat Model: The Role of Adiponectin. *Biomedicines*. **2020** Nov 25;8(12):532. doi: 10.3390/biomedicines8120532.

23.La Russa D, Frisina M, Secondo A, Bagetta G, Amantea D. Modulation of Cerebral Store-operated Calcium Entry-regulatory Factor (SARAF) and Peripheral Orail Following Focal Cerebral Ischemia and Preconditioning in Mice. *Neuroscience*(**2020**) doi: 10.1016/j.neuroscience.2020.06.014. Epub 2020 Jun 20.

24.Macirella R, Madeo G, Sesti S, Tripepi M, Bernabò I, Godbert N, **La Russa D**, Brunelli E. Exposure and post-exposure effects of chlorpyrifos on *Carassius auratus* gills: An ultrastructural and morphofunctional investigation. *Chemosphere*. (**2020**) doi: 10.1016/j.chemosphere.2020.126434. Epub 2020 Mar 6.

25.Montesanto A, Pellegrino D, Geracitano S, **La Russa D** et al. “Cardiovascular risk factors and all-cause mortality in long-lived people from Southern Italy”. *Geriatrics & GerontologyInternational* 19:165–170 (**2019**). (IF 2.656)

26.La Russa D, Pellegrino D, Montesanto A et al. “Oxidative imbalance and Inflammation in hemodialysis patients: biomarker of cardiovascular risk? *Oxid Med Cell Longev*, 2019:8567275 (**2019**). (IF 4.936)

27.La Russa D, Giordano F, Marrone A, Parafati M, Janda E, Pellegrino D “Oxidative imbalance and kidney damage in cafeteria diet-induced rat model of metabolic syndrome: effect of bergamot polyphenolic fraction“ *Antioxidants*, 8: 66 (**2019**)

28.Pellegrino D, La Russa D, Marrone A “Oxidative Imbalance and Kidney Damage: New Study Perspectives from Animal Models to Hospitalized Patients” *Antioxidants*, 8: 594 (**2019**)

29.La Russa D, Montesanto A, Pellegrino D “Oxidative Imbalance

and Kidney Damage: New Study Perspectives from Animal Models to Hospitalized Patients”. *Acta Physiologica* 227, S718 (2019)

30.E. Janda, R. Salerno, C. Martino, A. Lascala, **D. La Russa**, M. Oliverio. Qualitative and quantitative analysis of the proautophagic activity of Citrus flavonoids from Bergamot Polyphenol Fraction. *Data in Brief*, 19: 1327–1334 (2018).

31.Parafati M, Lascala A, **La Russa D** et al. “Bergamot polyphenols boost therapeutic effects of the diet on non-alcoholic steatohepatitis (NASH) induced by junk food: evidence for anti-inflammatory activity”. *Nutrients* 10(11) pii: E1604 (2018)

32.**D. La Russa**, E. Brunelli, D. Pellegrino. Oxidative imbalance and kidney damage in spontaneously hypertensive rats: activation of extrinsic apoptotic pathway. *Clin Sci (Lond)*, 131(13): 1419-1428 (2017).

33.**E. Brunelli, D. La Russa (co-authors)**, D. Pellegrino. Impaired oxidative status is strongly associated with cardiovascular risk factors. *Oxid Med Cell Longev*, 2017:6480145 (2017).

34.Perri A, La Russa A, Montesanto A, **La Russa D** et al. “NLRP3 RS10754558 functional polymorphism increases the susceptibility to renal disease and enhances the cardiovascular risk”. *Nephrology Dialysis Transplantation* 32(3):iii117 (2017). (IF 4.47) (abstract pubblicato)

35.E. Brunelli, I. Bernabò, F. Coscarelli, **D. La Russa**, S. Tripepi. Remodelling of the skin during metamorphosis in the Italian newt (*Lissotriton italicus*) (Amphibia, Urodela): localization pattern of keratins, stromelysin-3 (MMP-11), and pan-cadherin. *Zoomorphology*, 134(19): 135–147 (2015).

36.Tonazzi A, N. Giangregorio, L. Console, M. Scalise, **D. La Russa**, C. Notaristefano, E. Brunelli, D. Barca, C. Indiveri. Mitochondrial carnitine/acylcarnitine transporter, a novel target of mercury toxicity. *Chem Res Toxicol*. 28(5):1015-22 (2015)

37.E. Brunelli, F. Domanico, **D. La Russa**, D. Pellegrino. “Sex differences in circulating oxidative stress biomarkers”. *Current*

		<p>Drug Targets 15(8): 811-815 (2014). (IF 3.597)</p> <p>38.Bernabò I, Guardia A, La Russa D, Madeo G, Tripepi S, Brunelli E. Exposure and post-exposure effects of endosulfan on <i>Bufo bufo</i> tadpoles: morpho-histological and ultrastructural study on epidermis and iNOS localization. <i>Aquat Toxicol.</i> 142-143:164-75 (2013). (IF 3.513)</p>

MADRELINGUA	Italiano
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ALTRE LINGUE

		[Inglese]
• Capacità di lettura		[Buono]
• Capacità di scrittura		[Buono]
• Capacità di espressione orale		[Buono]

EVENTUALI ULTERIORI ALTRI TITOLI O ESPERIENZE VALUTABILI	
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PREMI E RICONOSCIMENTI

- Date (da – a) 2019
- Nome e tipo di istituto di istruzione o formazione Best Poster Award in occasione del “1st PhD Workshop in Translational Medicine” (Università della Calabria, 24 giugno 2019).
- Date (da – a) 2019
- Nome e tipo di istituto di istruzione o formazione Vincitore di un Travel Grant per la partecipazione al “Congresso Nazionale SINS”(Perugia, 26-29 settembre 2019).
- Date (da – a) 2019
- Nome e tipo di istituto di istruzione o formazione Best Poster Award in occasione dell’International Conference on Metrology for Archaeology and - 6 dicembre 2019).
- Date (da – a) 2021
- Nome e tipo di istituto di istruzione o formazione Best Oral Communication in Metabolism, Nutrition and System Physiology. 71st National Congress of SIF (9 september, 2021)

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