

ALESSIA MARIANO

Curriculum Vitae

Part I – General Information

Full Name	Alessia Mariano		
Date of Birth			
Place of Birth			
Citizenship			
Permanent Address			
Mobile Phone Number			
E-mail			
Spoken Languages	Italian (native speaker), English.		

Part II – Education

	Year	Institution	Title
University graduation	2019	Sapienza University of Rome	Doctor in Pharmaceutical chemistry and technology. Tutor: Prof. Anna Scotto d’Abusco
PhD	2022	Sapienza University of Rome	PhD in Biochemistry. PhD Thesis title: From root extract to antiarthritic facts: Trip across a novel therapeutic approach to inflammation and pain. Research mentor: Prof. Anna Scotto d’Abusco

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
09/2022	03/2023	Department of Human and Social Sciences and Health; University of Cassino and Southern Lazio.	Research Fellow
07/2023	09/2023	INBB – Biostructures and Biosystems National Institute	Post-Doctoral Research Fellow
10/2023	07/2025	Department of Human Physiology and Pharmacology; Sapienza University of Rome.	Post-Doctoral Research Fellow

IIIB – Other Appointments

Start	End	Institution	Position
10/2018	07/2019	Department of Biochemical Sciences; Sapienza University of Rome.	Master’s degree thesis

11/2019	12/2022	Department of Biochemical Sciences; Sapienza University of Rome.	PhD student
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Part IV – Teaching experience

Year	Institution	Lecture/Course
2019-present	Department of Biochemical Sciences; Sapienza University of Rome	Undergraduate student tutoring
09/2022-01/2023	Faculty of Pharmacy and Medicine; Sapienza University of Rome	Master's degree programme in Biochemistry student tutoring
2022-present	“Chemistry and biochemistry propaedeutics” Bachelor’s degree course in Dental Hygiene; Sapienza University of Rome	Subject expert
2024-present	“Biochemistry and molecular biology” Master’s degree course in Medicine; Sapienza University of Rome	Subject expert
2024-present	“Biochemistry and molecular biology” Master’s degree course in Dentistry and Dental Prosthetics; Sapienza University of Rome	Subject expert
2024-present	“Chemistry and biochemistry propaedeutics” Master’s degree course in Dentistry and Dental Prosthetics; Sapienza University of Rome	Subject expert

Part V

Va- Society memberships, Awards and Honors

Year	Title
2020-present	SIB Fellowship. Italian Society of Biochemistry
2021	Grant for the 45th Virtual FEBS Congress, Call for young members of the Italian Society of Biochemistry and Molecular Biology
2025	Best poster award. Proteins and Lipids in Neurodegenerative Diseases (ProLyon 2025).
2025	Best poster award. XV INBB Congress: “Nuove Strategie di Ricerca Integrata su Salute, Alimentazione e Ambiente”

Vb- Participation as a speaker in national and international conferences

Year	Conference	Role	Presentation title
2024	“Ricerca e nuove frontiere della medicina termale alle acque Albule di Tivoli”. Tivoli (RM)	Invited Speaker	Efficacia delle inalazioni di Acque Termali Sulfuree nella modulazione di marker sierici dell'infiammazione in pazienti Long-COVID.
2024	“International Emerging Action workshop – Lipid Brain – Summer School 2024”. Lyon (FR)	Speaker	<i>Harpagophytum procumbens</i> and many others: <i>in vitro</i> analysis of natural substances effectiveness when treating inflammatory pathologies

2023	“Nanoscience & Nanotechnology Conference”, in “Nanomedicine and nanotherapeutics” session. Frascati (RM)	Invited Speaker	N-Acetylglucosamine in nanoform as an antiviral and anti-inflammatory alternative against respiratory viral infections.
2022	“First Symposium for YouNg Chemists: Innovation and Sustainability”. Roma.	Poster	Nanostructured TiC Layer: a suitable surface for Osteointegration.
2022	“Proteins 2022”. Pisa	Poster	NAPA, a glucosamine derivative: biochemical analysis of interaction with IKK α Kinase
2021	“Molecules of life: towards new horizons. The 45 th FEBS Conference”. Online.	Poster	Effects of <i>Harpagophytum procumbens</i> extract on inflammation and nociceptive system in human primary synoviocytes

Vc- Editorial Activities

Year	Activity	Journal
2023-2025	Guest Editor	Special issue: "Novel Therapeutic Approach to Inflammation and Pain" on Pharmaceutics Journal
2023-2025	Guest Editor	Special issue: "Novel Therapeutic Approach to Inflammation and Pain" on Future Pharmacology Journal
2025-present	Guest Editor	Special issue: “The Role of Nutritional Interventions in the Prevention and Management of Osteoarthritis” on Nutrients Journal
2023-present	Reviewer	Reviewer activity for the following scientific journals: Scientific Reports, Frontiers in Nutrition, Biology, International Journal of Molecular Sciences, Life, Nutraceuticals.

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2021	Study of nutraceuticals and their effects on nociceptive and inflammatory processes involved in the progression of degenerative joint pathologies	Projects for “Avvio alla Ricerca”; Sapienza University of Rome PI-principal investigator AR12117A2DCE5BF7	
2022	<i>Harpagophytum procumbens</i> : analysis of biochemical mechanisms anti-inflammatory and anti-nociceptive in synoviocytes in culture	Projects for “Avvio alla Ricerca”; Sapienza University of Rome PI-principal investigator AR2221814F245931	
2024	Acetyl-L-carnitine nanoparticle formulations: effects on aging and oxidative stress disorders of the central nervous system	Projects for “Avvio alla Ricerca”; Sapienza University of Rome PI-principal investigator AR2241906D527AF4	
2021	Antiviral molecules against Coronavirus	Projects of Sapienza University	
	employing PROTACs Technology	PI: Prof. Domenico Raimondo I-investigator RP12117A6115DADA	

2022	Reactive sulfur species, new redox player in pathophysiology: regulatory role and therapeutic potential	Projects of Sapienza University PI: Prof. Mario Fontana I-investigator RM1221816841F57E	10000€

Part VII – Research Activities

Keywords	Brief Description
Inflammation	My current research activity focuses on investigating the intracellular effects of nutraceutical substances on primary cell cultures. One of the most extensively studied compounds in my projects is <i>Harpagophytum procumbens</i> extract, commonly known as devil's claw, traditionally used for the treatment of chronic inflammatory joint diseases such as osteoarthritis. In particular, my research has revealed the activation of several understudied intracellular pathways involved in osteoarthritis, and has highlighted an individual- dependent therapeutic response, aligning with the principles of personalized medicine.
Intracellular pathways	
Cell signaling	
Joint diseases	
Nanomedicine	
	Since 2021, my work has expanded to include the development and application of nanoparticle-based formulations, primarily utilizing N- acetylglucosamine, as an innovative drug delivery strategy. This approach aims to enhance therapeutic efficacy while minimizing the required dosage. The findings from these research lines have been published in international peer-reviewed journals and presented at scientific conferences through oral presentations.

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start-End
Papers [international]	26	Scopus	2020-2025
Total Impact factor	123,138		
Average Impact factor per Product	4,736		
Total Citations	302		
Average Citations per Product	11,615		
Hirsch (H) index	11		
Normalized H index*	2,2 (5 years; 2020-2024)		
Papers as first author	10		

*H index divided by the academic seniority.

Scopus ID: 57216891860

Patent (as co-inventor)	Preparations for emulsions including colloidal N-acetylglucosamine and their use	Pending patent, submitted on 15 October 2024. IT102024000025128
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Part IX–Publications

IXa- Selected Publications (12 out of 26)

1. **Mariano, A.**; Di Sotto, A.; Leopizzi, M.; Garzoli, S.; Di Maio, V.; Gulli, M.; Dalla Vedova, P.; Ammendola, S.; Scotto d'Abusco, A. Antiarthritic Effects of a Root Extract from *Harpagophytum procumbens* DC: Novel Insights into the Molecular Mechanisms and Possible Bioactive Phytochemicals. *Nutrients* 2020, 12, 2545. doi: 10.3390/nu12092545.

IF (2020): 5.717; citations: 28; press/media release: 23 August 2020.

2. Lopreiato, M; Di Cristofano, S; Cocchiola, R; **Mariano, A.**; Guerrizio, L; Scandurra, R; Mosca, L; Raimondo, D; Scotto d'Abusco, A. Biochemical and Computational Studies of the Interaction between a Glucosamine Derivative, NAPA, and the IKK α Kinase. *Int J Mol Sci.* 2021 Feb 6; 22(4):1643. Doi: 10.3390/ijms22041643.

IF (2021): 6.208; citations: 5; press/media release: 6 February 2021.

3. Di Giacomo, S.; **Mariano, A.**; Gulli, M.; Frascchetti, C.; Vitalone, A.; Filippi, A.; Mannina, L.; Scotto d'Abusco, A.; Di Sotto, A. Role of Caryophyllane Sesquiterpenes in the Entourage Effect of Felina 32 Hemp Inflorescence Phytocomplex in Triple Negative MDA-MB-468 Breast Cancer Cells. *Molecules* 2021, 26, 6688. doi: 10.3390/molecules26216688.

IF (2021): 4.927; citations: 20; press/media release: 5 November 2021.

4. **Mariano, A.**; Bigioni, I.; Scotto d'Abusco, A.; Baseggio Conrado, A.; Maina, S.; Francioso, A.; Mosca, L.; Fontana, M. Pheomelanin Effect on UVB Radiation-Induced Oxidation/Nitration of L-Tyrosine. *Int. J. Mol. Sci.* 2022, 23, 267. doi: 10.3390/ijms23010267.

IF (2022): 5.6; citations: 10; press/media release: 27 December 2021.

5. **Mariano, A.**; Bigioni, I.; Mattioli, R.; Di Sotto, A.; Leopizzi, M.; Garzoli, S.; Mariani, P.F.; Dalla Vedova, P.; Ammendola, S.; Scotto d'Abusco, A. Harpagophytum procumbens Root Extract Mediates Anti- Inflammatory Effects in Osteoarthritis Synoviocytes through CB2 Activation. *Pharmaceuticals* 2022, 15, 457. doi: 10.3390/ph15040457

IF (2022): 5.4; citations: 17; press/media release: 9 April 2022.

6. **Mariano, A.**; Bigioni, I.; Ammendola, S.; Scotto d'Abusco, A. The Formulation of the N-Acetylglucosamine as Nanoparticles Increases Its Anti-Inflammatory Activities: An In Vitro Study. *Bioengineering.* 2023 Mar 9; 10(3):343. 39. doi: 10.3390/bioengineering10030343

IF (2023): 3.8; citations: 5; press/media release: 9 March 2023.

7. **Mariano, A.**; Bigioni, I.; Marchetti, M.; Scotto d'Abusco, A.; Superti, F. Repositioned Natural Compounds and Nanoformulations: A Promising Combination to Counteract Cell Damage and Inflammation in Respiratory Viral Infections. *Molecules* 2023, 28, 4045. doi: 10.3390/molecules28104045.

IF (2023): 4.2; citations: 2; press/media release: 12 May 2023.

8. Brugnoli, B.; **Mariano, A.**; Simonis, B.; Bombelli C.; Sennato, S.; Piozzi A.; Taresco V.; Chauhan V.M.; Howdle S.M.; Scotto d'Abusco A.; Francolini I. Self-assembled chitosan-sodium usnate

drug delivery nanosystems: Synthesis, characterization, stability studies, in vitro cytotoxicity and in vivo biocompatibility against 143 B cells, *Carbohydrate Polymer Technologies and Applications* 2023, 100373. Doi: 10.1016/j.carpta.2023.100373.

IF (2023): 6.2; citations: 10; press/media release: 11 October 2023.

9. **Mariano A.**; Di Cristofano S.; Raimondo D.; Scotto d'Abusco A. Split Gp41-1 intein splicing as a model to evaluate the cellular location of the oncosuppressor Maspin in an in vitro model of osteosarcoma, *Cell biochemistry and function* 2024, e3987. doi: 10.1002/cbf.3987.

IF (2024): 2.8; citations: 0, press/media release: 21 March 2024.

10. **Mariano, A.**; Ammendola, S.; Migliorini, A.; Leopizzi, M.; Raimondo, D.; Scotto d'Abusco, A. Intron retention in PI-PLC γ 1 mRNA as a key mechanism affecting MMP expression in human primary fibroblast-like synovial cells, *Cell biochemistry and function* 2024, e4091. doi: 10.1002/cbf.4091.

IF (2024): 2.8; citations: 1; press/media release: 07 July 2024.

11. Crucianelli, S. #; **Mariano, A. #**; Valeriani, F.; Cocomello, N.; Fontana, M. Effects of sulphur thermal water inhalations in long-COVID syndrome: Spa-centred, double-blinded, randomised case-control pilot study. *Clinical Medicine*. 2024, 24 (6), 100251. doi: 10.1016/j.clinme.2024.100251

IF (2024): 3.6; citations: 1; press/media release: 5 October 2024.

12. **Mariano, A.**; Scotto d'Abusco, A.; Ammendola, S. A Rheological Study of Creams and Gels Containing N-Acetyl Glucosamine in Nanoparticle Form: The Advantages of a Bioengineered Strategy for Natural Anti-Inflammatory Substance Vehiculation. *Appl. Sci.* 2024, 14, 11752. Doi: 10.3390/app142411752.

IF (2024): 2.5; citations: 0; press/media release: 17 December 2024.

IXa- Total Publications

1. Lopreiato, M.; **Mariano, A.**; Cocchiola, R.; Longo, G.; Dalla Vedova, P.; Scandurra, R.; Scotto d'Abusco, A. Nanostructured TiC Layer is Highly Suitable Surface for Adhesion, Proliferation and Spreading of Cells. *Condens. Matter* 2020, 5, 29. Doi: 10.3390/condmat5020029.

IF (2020): 1.128; citations: 7.

2. Serafini, G.; Lopreiato, M.; Lollobrigida, M.; Lamazza, L.; Mazzucchi, G.; Fortunato, L.; **Mariano, A.**; Scotto d'Abusco, A.; Fontana, M.; De Biase, A. Platelet Rich Fibrin (PRF) and Its Related Products: Biomolecular Characterization of the Liquid Fibrinogen. *J. Clin. Med.* 2020, 9(4), 1099. doi: 10.3390/jcm9041099.

IF (2020): 4.241; citations: 37.

3. **Mariano, A.**; Di Sotto, A.; Leopizzi, M.; Garzoli, S.; Di Maio, V.; Gullì, M.; Dalla Vedova, P.; Ammendola, S.; Scotto d'Abusco, A. Antiarthritic Effects of a Root Extract from *Harpagophytum procumbens* DC: Novel Insights into the Molecular Mechanisms and Possible Bioactive Phytochemicals. *Nutrients* 2020, 12, 2545. doi: 10.3390/nu12092545.

IF (2020): 5.717; citations: 28.

4. Lopreiato, M; Di Cristofano, S; Cocchiola, R; **Mariano, A**; Guerrizio, L; Scandurra, R; Mosca, L; Raimondo, D; Scotto d'Abusco, A. Biochemical and Computational Studies of the Interaction between a Glucosamine Derivative, NAPA, and the IKK α Kinase. *Int J Mol Sci*. 2021 Feb 6;22(4):1643. Doi: 10.3390/ijms22041643.

IF (2021): 6.208; citations: 5.

5. Silvestro, I; Sergi, R; Scotto d'Abusco, A; **Mariano, A**; Martinelli, A; Piozzi, A; Francolini, I. Chitosan scaffolds with enhanced mechanical strength and elastic response by combination of freeze gelation, photo-crosslinking and freeze-drying. *Carbohydrate Polymers*. 2021 267(2021), p. 118156. doi: 10.1016/j.carbpol.2021.118156.

IF (2021): 10.7; citations: 37.

6. Di Giacomo, S.; **Mariano, A.**; Gullì, M.; Frascchetti, C.; Vitalone, A.; Filippi, A.; Mannina, L.; Scotto d'Abusco, A.; Di Sotto, A. Role of Caryophyllane Sesquiterpenes in the Entourage Effect of Felina 32 Hemp Inflorescence Phytocomplex in Triple Negative MDA-MB-468 Breast Cancer Cells. *Molecules* 2021, 26, 6688. doi: 10.3390/molecules26216688

IF (2021): 4.927; citations: 20.

7. Spano, M.; Maccelli, A.; Di Matteo, G.; Ingallina, C.; Biava, M.; Crestoni, M.E.; Bardaud, J.-X.; Giusti, A.M.; **Mariano, A.**; Scotto D'Abusco, A.; Sobolev, A.P.; Lasalvia, A.; Fornarini, S.; Mannina, L. Metabolomic Profiling of Fresh Goji (*Lycium barbarum* L.) Berries from Two Cultivars Grown in Central Italy: A Multi-Methodological Approach. *Molecules* 2021, 26, 5412. Doi: 10.3390/molecules26175412.

IF (2021): 4.927; citations: 22.

8. **Mariano, A.**; Bigioni, I.; Scotto d'Abusco, A.; Baseggio Conrado, A.; Maina, S.; Francioso, A.; Mosca, L.; Fontana, M. Pheomelanin Effect on UVB Radiation-Induced Oxidation/Nitration of L-Tyrosine. *Int. J. Mol. Sci.* 2022, 23, 267. doi: 10.3390/ijms23010267.

IF (2022): 5.6; citations: 10.

9. De Felice, A.C.; Di Lisio, V.; Francolini, I.; **Mariano, A.**; Piozzi, A.; Scotto d'Abusco, A.; Sturabotti, E.; Martinelli, A. One-Pot Preparation of Hydrophilic Polylactide Porous Scaffolds by Using Safe Solvent and Choline Taurinate Ionic Liquid. *Pharmaceutics* 2022, 14, 158. doi: 10.3390/pharmaceutics14010158.

IF (2022): 5.4; citations: 10.

10. Lollobrigida, M., Lamazza, L., Di Pietro, M., Filardo, S., Lopreiato, M., **Mariano, A.**, Bozzuto, G., Molinari, A., Menchini, F., Piattelli, A., De Biase, A. Efficacy of Combined Mechanical and Chemical Decontamination Treatments on Smooth and Rough Titanium Surfaces and Their Effects on Osteoconduction: An Ex Vivo Study. *Int J Oral Maxillofac Implants*. 2022 Jan-Feb;37(1):57-66. doi:10.11607/jomi.9105

IF (2022): 1.09; citations: 4.

11. **Mariano, A.**; Bigioni, I.; Mattioli, R.; Di Sotto, A.; Leopizzi, M.; Garzoli, S.; Mariani, P.F.; Dalla Vedova, P.; Ammendola, S.; Scotto d'Abusco, A. Harpagophytum procumbens Root Extract Mediates Anti- Inflammatory Effects in Osteoarthritis Synoviocytes through CB2 Activation. *Pharmaceuticals* 2022, 15, 457. doi: 10.3390/ph15040457
IF (2022): 5.4; citations: 17.
12. **Mariano, A.**; Bigioni, I.; Misiti, F.; Fattorini, L.; Scotto d'Abusco, A.; Rodio, A. The Nutraceuticals as modern key to achieve erythrocyte oxidative stress fighting in Osteoarthritis. *Current issue in molecular biology*. 2022, 44, 3481-349. doi: 10.3390/cimb44080240.
IF (2022): 3.1; citations: 23.
13. Chiloeches, A.; Fernández-García, R.; Fernández-García, M.; **Mariano, A.**; Bigioni, I.; Scotto d'Abusco, A.; Echeverría, C.; Muñoz-Bonilla, A. PLA and PBAT based electrospun fibers functionalized with antibacterial biobased polymers. *Macromolecular Bioscience*.2023, 23, 2200401. doi: 10.1002/mabi.202200401.
IF (2023): 4.4; citations: 12.
14. Marchetti, M.; De Berardis, B.; Bigioni, I.; **Mariano, A.**; Superti, F.; Scotto d'Abusco, A. In Vitro Antiviral and Anti-Inflammatory Activities of N-Acetylglucosamine: Development of an Alternative and Safe Approach to Fight Viral Respiratory Infections. *Int J Mol Sci*. 2023 Mar 7;24(6):5129. Doi: 10.3390/ijms24065129.
IF (2023): 3.9; citations: 12.
15. **Mariano, A.**; Bigioni, I.; Ammendola, S.; Scotto d'Abusco, A. The Formulation of the N-Acetylglucosamine as Nanoparticles Increases Its Anti-Inflammatory Activities: An In Vitro Study. *Bioengineering*. 2023 Mar 9;10(3):343. 39. doi: 10.3390/bioengineering10030343.
IF (2024): 3.8; citations: 5.
16. Mallamaci, G.; Brugnoli, B.; **Mariano, A.**; Scotto d'Abusco, A.; Piozzi, A.; Di Lisio, V.; Sturabotti, E.; Alfano, S.; Francolini, I. Surface modification of polyester films with polyfunctional amines: Effect on bacterial biofilm formation, *Surfaces and Interfaces*, 2023. 39, 102924. Doi: 10.1016/j.surfin.2023.102924
IF (2023): 5.7; citations: 15.
17. **Mariano, A.**; Bigioni, I.; Marchetti, M.; Scotto d'Abusco, A.; Superti, F. Repositioned Natural Compounds and Nanoformulations: A Promising Combination to Counteract Cell Damage and Inflammation in Respiratory Viral Infections. *Molecules* 2023, 28, 4045. doi: 10.3390/molecules28104045.
IF (2023): 4.2; citations: 2.
18. Brugnoli, B.; **Mariano, A.**; Simonis, B.; Bombelli, C.; Sennato, S.; Piozzi, A.; Taresco, V.; Chauhan, V.M.; Howdle, S.M.; Scotto d'Abusco, A.; Francolini, I. Self-assembled chitosan-sodium usnate drug delivery nanosystems: Synthesis, characterization, stability studies, in vitro cytotoxicity and in vivo biocompatibility against 143 B cells, *Carbohydrate Polymer Technologies and Applications* 2023, 100373. Doi: 10.1016/j.carpta.2023.100373.

IF (2023): 6.2; citations: 10.

19. Brugnoli, B.; Perna, G.; Alfano, S.; Piozzi, A.; Galantini, L.; Axioti, E.; Taresco, V.; **Mariano, A.**; Scotto d'Abusco, A.; Vecchio Cipriotti, S.; et al. Nanostructured Poly-l-lactide and Polyglycerol Adipate Carriers for the Encapsulation of Usnic Acid: A Promising Approach for Hepatoprotection. *Polymers* 2024, *16*, 427. Doi: 10.3390/polym16030427.

IF (2024): 5; citations: 3.

20. Ciarlantini C.; Francolini I.; Silvestro I.; **Mariano A.**; Scotto d'Abusco A.; Piozzi A. Design of bioactive and biomimetic scaffolds based on chitosan-alginate polyelectrolyte complexes for tissue engineering, *Carbohydrate Polymers* 2024, 121684. doi: 10.1016/j.carbpol.2023.121684.

IF (2024): 10.7; citations: 18.

21. **Mariano A.**; Di Cristofano S.; Raimondo D.; Scotto d'Abusco A. Split Gp41-1 intein splicing as a model to evaluate the cellular location of the oncosuppressor Maspin in an in vitro model of osteosarcoma, *Cell biochemistry and function* 2024, e3987. doi: 10.1002/cbf.3987.

IF (2024): 2.8; citations: 0.

22. Mazzucchi, G.; **Mariano, A.**; Serafini, G.; Lamazza, L.; Scotto d'Abusco, A.; De Biase, A.; Lollobrigida, M. Osteoinductive Properties of Autologous Dentin: An Ex Vivo Study on Extracted Teeth. *J. Funct. Biomater.* 2024, *15*, 162. doi: 10.3390/jfb15060162.

IF (2024): 5; citations: 1.

23. **Mariano, A.**; Ammendola, S.; Migliorini, A.; Leopizzi, M.; Raimondo, D.; Scotto d'Abusco, A. Intron retention in PI-PLC γ 1 mRNA as a key mechanism affecting MMP expression in human primary fibroblast-like synovial cells, *Cell biochemistry and function* 2024, e4091. doi: 10.1002/cbf.4091.

IF (2024): 2.8; citations: 1.

24. Crucianelli, S. #; **Mariano, A. #**; Valeriani, F.; Cocomello, N.; Fontana, M. Effects of sulphur thermal water inhalations in long-COVID syndrome: Spa-centred, double-blinded, randomised case-control pilot study. *Clinical Medicine*. 2024, *24* (6), 100251. doi: 10.1016/j.clinme.2024.100251

IF (2024): 3.6; citations: 1.

25. **Mariano, A.**; Scotto d'Abusco, A.; Ammendola, S. A Rheological Study of Creams and Gels Containing N-Acetyl Glucosamine in Nanoparticle Form: The Advantages of a Bioengineered Strategy for Natural Anti-Inflammatory Substance Vehiculation. *Appl. Sci.* 2024, *14*, 11752. Doi: 10.3390/app142411752.

IF (2024): 2.5; citations: 0

26. Serafini G.; **Mariano A.**; Lollobrigida M.; Lamazza L.; Mazzucchi G.; Spigaglia P.; Barbanti F.; Scotto d'Abusco A. and De Biase A. Advanced Platelet-Rich Fibrin (A-PRF) as antibiotics delivery system: in-vitro proof-of-concept study. *Materials*. 2025, *18*, 570. doi: 10.3390/ma18030570.

IF (2024): 3.1; citations: 1.

Roma, 23-07-2025