

PERSONAL INFORMATION

Rita Patrizia Aquino



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- <http://docenti.unisa.it/003759/home>

Sex F Date of birth 03/11/1958 Nationality Italian

Rita Patrizia Aquino

CURRENT POSITION

Full Professor in Pharmaceutical Technology
University of Salerno

Member of the **Administration Board** – University of Salerno

Member of **Osservatorio Regionale per l'Agricoltura di Precisione ORAdP**

ACCADEMIC DEGREE

Master Degree in Pharmacy (Pharm.D)

WORK EXPERIENCE

(from 2002 – to oggi)

Full Professor in Pharmaceutical Technology (CHIM 09) Faculty of Pharmacy, University of Salerno.
sector Research

(from 1998 to 2002)

Associate Professor in Pharmaceutical Technology, Faculty of Pharmacy, University of Salerno
sector Research

(from 1983 to 1997)

Assistant Professor, disciplines group ex N. 96 (E08X), Faculty of Pharmacy, University of Naples Federico II
sector Research

PERSONAL SKILLS

Mother tongue(s)

ITALIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Organisational / managerial skills

Head of *Pharma_Nomics* – Interdepartmental Research Center – Pharmaceutical Technology and Pharmacoeconomics – University of Salerno (Dipartimento di Farmacia, Dipartimento di Medicina e Chirurgia, Dipartimento di Scienze Aziendali – Management & Innovation System), from 2015 to 2019

Head of the Department Directors Council, University of Salerno, from 2015 to 2018

Head of the Department of Pharmacy University of Salerno, from 2012 to 2018

Member of the University Senate - University of Salerno, from 2013 to 2018

Director of the post-graduate specialization course "Management della Farmacia e Servizi Farmaceutici" – University of Salerno, 2018 e 2019

Director of the post-graduate specialization course "Gestione della Farmacia ospedaliera" (G.F.O.) – University of Salerno, 2106, 2017

Delegate of the Rector for Education, University of Salerno, from 2013 to 2015

Member of the Board of P.T.O. (Prontuario Terapeutico Ospedaliero), Azienda Ospedaliera S. Giuseppe Moscati, Avellino, from 2004 to 2015

Member of the Board and Delegate for the University of Salerno in Consortium TEFARCO INNOVA, from 2011 to 2014

Principal Investigator in PRIN Project "Nuove strategie per la veicolazione di farmaci e geni: progettazione e sviluppo di micro- e nano-sistemi terapeutici e valutazione di aspetti biologici, from 2009 to 2012

Director of in Consortium TEFARCO INNOVA, from 2008 to 2011

Faculty Advisor A.It.U.N. (AAPS - American Association of Pharmaceutical Scientists - Italian University Network Student Chapter) from 2007 to 2008

Commission Member of P.T.O. (Prontuario Terapeutico Ospedaliero), Azienda Ospedaliera S. Giuseppe Moscati, Avellino, from 2004 to 2005

Member of Hospital Ethics Committees for testing new drugs, from 2004 to 2007

Esperto per la valutazione di dossier dell'Agenzia Italiana del Farmaco (AIFA), from 2008 to 2010

Member of the University Scientific Committee Chemical Sciences (03) for local research projects, University of Salerno, dl 2003 to 2008

Member of the Board and Delegate for the University of Salerno in Consortium TEFARCO INNOVA, Università di Parma, from 2004 to 2007

Dean of the Master Degree in Chemical and Pharmaceutical Technology, University of Salerno, from 2006 to 2009

Dean of the Master Degree in Pharmacy, University of Salerno, from 1983 to 1990

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Project Leader in Research Projects

In the role of Director of in Consortium TEFARCO INNOVA coordinatore per TEFARCO di progetti di trasferimento tecnologico cofinanziati dalla Regione Emilia Romagna:

- "BioPharmaNet Project, Laboratorio Regionale di Innovazione nelle Scienze della Vita", nell'ambito del Programma Regionale per la Ricerca Industriale, l'Innovazione e il Trasferimento Tecnologico della Regione Emilia Romagna (PRRIITT), Misura 4 "Sviluppo di rete", Azione A – Laboratori di ricerca e trasferimento tecnologico, (Bando del 26 novembre 2007, DGR n. 1853/07) per il consolidamento dei laboratori di ricerca e centri per l'innovazione della Rete Alta Tecnologia dell'Emilia-Romagna.

"Sostegno a progetti di ricerca collaborativa delle PMI con laboratori di ricerca e centri per l'innovazione" nell'ambito del Programma Regionale per la Ricerca Industriale, l'Innovazione e il Trasferimento Tecnologico della Regione Emilia Romagna (PRRIITT), Misura 3.1, Azione A, Attività 1.1.2, bando per Progetti di ricerca industriale e sviluppo precompetitivo, Regione Emilia Romagna (DGR 1043/2008).

As Representative of the University of Salerno Project Leader/Project Manager/Principal Investigator of POR and PON Projects

Project "ANALISI DEI FABBISOGNI DI INNOVAZIONE NELLE IMPRESE AGROINDUSTRIALI REGIONALI E DELL'OFFERTA DI STRUMENTI DI SUPPORTO POR CAMPANIA FSE 2014-2020 2014IT055FOPO20 Asse

IV priorità di investimento 11.i - Obiettivi Specifici 18 e 21, ACCORDO EX ART. 15 LEGGE 7 AGOSTO 1990 N. 241.

Project *Salus per Lactem* : *prodotti salutistici e valorizzazione della filiera lattiero-casearia salernitana attraverso lo sviluppo di una rete integrata multisettoriale*, Bando CAMPUS nell'ambito di POR CAMPANIA FERS 2007-13, Asse 2, Obiettivo operativo 2.1 e 2.2, Bando per la concessione di aiuti a progetti di Ricerca industriale e Sviluppo sperimentale per la realizzazione di CAMPUS dell'Innovazione D.D. n° 327 del 11 Agosto 2009 (Decreto 305 del 10/12/2012 AGC 6/1)

Project *Polifarma SISTEMI POLIMERICI MICRO- e NANO-PARTICELLARI PER LA SOMMINISTRAZIONE DI MOLECOLE FARMACOLOGICAMENTE ATTIVE*" nell'ambito del PON 02 R&S 2007-13 – Asse I Sostegno ai mutamenti strutturali – Obiettivo operativo Reti- Azione I "Distretti di alta tecnologia e relative reti", (prot. 713/Ric del 20.10.2010 e 53/Ric del 2.02.11).

Project *FORMULAZIONE E REALIZZAZIONE DI NUTRACEUTICI E ALIMENTI FUNZIONALI PER LA TERZA ETÀ* nell'ambito del PO FESR CAMPANIA 2007/2013, OO 2.1, AVVISO "Interventi a favore delle pmì e degli organismi di ricerca – sportello dell'innovazione d.d.n. 1 del 05/02/2014 progetto di trasferimento tecnologico Project leader BORSE DI RICERCA VOLTE AL SOSTEGNO DI RICERCATORI PER LA PROMOZIONE DI PROCESSI DI OPEN INNOVATION NEGLI AMBITI TECNOLOGICI PRIORITARI DELLA RIS3 2016.

Project leader of FITOSORVEGLIANZA DEGLI INTEGRATORI ALIMENTARI A BASE DI ISOFLAVONI DI SOIA e valutazione possibili interazioni farmacocinetiche con farmaci per l'ipotiroidismo Fondi AIFA 2010-11 Progetti di Farmacovigilanza - Regione Campania

Project Leader for Education activities for *FINAL Corso di perfezionamento in alimentazione, alimenti funzionali, prodotti cosmeceutici e prodotti nutraceutici* collegato al progetto di ricerca *HI-LIFE Health Products from the industry of foods* Bando nell'ambito di PON 01 R&S 2007-13 (D.D. 677/Ric 14.10.2011 e D.D. 816/Ric del 24.10.2011)

Coordinamento scientifico e metodologico, comitato tecnico scientifico, costituzione e funzionamento del team di ricerca per il Consorzio per lo Sviluppo della Formazione, dell'Innovazione e del Management "META" 2015 e 2016

Project IMPLEMENTAZIONE U.F.A. – Centralizzazione preparazione farmaci antitumorali- Galenica Oncologica ASLNa3sud, Linea 5 – Reti oncologiche - Regione Campania DDDG04 – n. 75 del 18.07.2017.

Project COSM-HI Master Universitario di II Livello in Scienza e Tecnologia Cosmetiche, cofinanziato Programma Operativo Nazionale PON01 R&S 2007-13 "PON R&C Ricerca e Competitività".

Project COSMAST Master Universitario di II Livello in Scienza e Tecnologia Cosmetiche, Università di Salerno, cofinanziato Programma Operativo Nazionale P.O.N. 2000-2006 "Ricerca Scientifica, Sviluppo Tecnologico, Alta Formazione

SPIN OFF

Founder and Member of the Board of Directors of ImmunePharma srl (<http://web.unisa.it/ricerca/spin-off/unisa>) an academic spin-off of the University of Salerno which has been operating in the field of medical device and drug design and development since 2015 for the diagnosis and treatment of lung cancer.

Teachings in Graduate Schools and University Masters

Topical Galenica and Neo-galenic. School of Specialization in Hospital Pharmacy,. 2002-09

Cosmetic formulation - 2nd level University Master in Cosmetic Science and Technology, 2002-today

Pharmacovigilance and Pharmacoeconomics, School of Specialization in Hospital Pharmacy 2010-today

Publications

Aquino is the author or co-author of over 200 publications in scientific journals with high international impact and wide diffusion in the academic, scientific and professional community related to Life Science.

Prof. Aquino (orcid identification [rita patrizia aquino orcid.org/0000-0002-9754-4244](https://orcid.org/0000-0002-9754-4244)) has published over 220 research products in her career from 1985 to present day. The results of her research production are also present in IRIS Research Archive of the University of Salerno. She is the author of over 150 communications at national and international symposia and has held over 30 plenary lectures at international congresses. The research activity she performed over her career has led to original and innovative results, as demonstrated by the publication in international journals with high scientific impact and dissemination in the scientific community, (values of h-index 37, h15-index 25, n. total citations 3,785 up to date - Source SCOPUS)

The following publications are related to her work of the last few years:

1. Colarusso, Chiara; Terlizzi, Michela; Molino, Antonio; Imitazione, Pasquale; Somma, Pasquale; Rega, Roberto; Saccomanno, Antonello; **Aquino, Rita Patrizia**; Pinto, Aldo; Sorrentino, Rosalinda. **AIM2 Inflammation Activation Leads to IL-1 α and TGF- β Release From Exacerbated Chronic Obstructive Pulmonary Disease-Derived Peripheral Blood Mononuclear Cells**. FRONTIERS IN PHARMACOLOGY. Vol. 10. Pag. 257-265 ISSN: 1663-9812. (DOI): [10.3389/fphar.2019.00257](https://doi.org/10.3389/fphar.2019.00257)
2. Farto-Vaamonde, Xián; Auriemma, Giulia; **Patrizia Aquino, Rita**; Concheiro, Angel; Alvarez-Lorenzo, Carmen **Post-manufacture loading of filaments and 3D printed PLA scaffolds with prednisolone and dexamethasone for tissue regeneration applications** EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS. Vol. 141 Pag. 100-110 ISSN: 0939-6411. (DOI): [10.1016/j.ejpb.2019.05.018](https://doi.org/10.1016/j.ejpb.2019.05.018)
3. Saviano, Marilena; **Aquino, Rita Patrizia**; Del Gaudio, Pasquale; Sansone, Francesca; Russo, Paola **Poly(vinyl alcohol) 3D printed tablets: The effect of polymer particle size on drug loading and process efficiency** INTERNATIONAL JOURNAL OF PHARMACEUTICS. Vol. 561. Pag.1-8 ISSN: 0378-5173. (DOI): [10.1016/j.ijpharm.2019.02.025](https://doi.org/10.1016/j.ijpharm.2019.02.025)
4. Esposito, Tiziana; Celano, Rita; Pane, Catello; Piccinelli, Anna Lisa; Sansone, Francesca; Picerno, Patrizia; Zaccardelli, Massimo; **Aquino, Rita P.**; Mencherini, Teresa **Chestnut (castanea sativa miller.) burs extracts and functional compounds: UHplc-uv-hrms profiling, antioxidant activity, and inhibitory effects on phytopathogenic fungi** MOLECULES. Vol. 24. Pag. 302-322 ISSN: 1420-3049. (DOI): [10.3390/molecules24020302](https://doi.org/10.3390/molecules24020302)
5. Rodríguez-Dorado, Rosalía; López-Iglesias, Clara; García-González, Carlos A.; Auriemma, Giulia; **Aquino, Rita P.**; Del Gaudio, Pasquale **Design of aerogels, cryogels and xerogels of alginate: Effect of molecular weight, gelation conditions and drying method on particles' micromeritics** MOLECULES. Vol. 24. Pag.1049-1060 ISSN:1420-3049. (DOI): [10.3390/molecules24061049](https://doi.org/10.3390/molecules24061049)
6. Sommella, Eduardo; Conte, Giulio Maria; Salviati, Emanuela; Pepe, Giacomo; Bertamino, Alessia; Ostacolo, Carmine; Sansone, Francesca; Del Prete, Francesco; **Aquino, Rita Patrizia**; Campiglia, Pietro (2018) **Fast profiling of natural pigments in different spirulina (arthrospira platensis) dietary supplements by DI-FT-ICR and evaluation of their antioxidant potential by pre-column DPPH-UHPLC assay** MOLECULES. Vol. 23. Pag.1-15 ISSN:1420-3049. (DOI): [10.3390/molecules23051152](https://doi.org/10.3390/molecules23051152)
7. Auriemma, Giulia; Cerciello, Andrea; Sansone, Francesca; Pinto, Aldo; Morello, Silvana; **Aquino, Rita Patrizia** (2018) **Polysaccharides based gastroretentive system to sustain piroxicam release: Development and in vivo prolonged anti-inflammatory effect**

Main Publications between 2011-2019

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES. Vol. 120. Pag.2303-2312 ISSN:0141-8130. DOI: [10.1016/j.ijbiomac.2018.08.140](https://doi.org/10.1016/j.ijbiomac.2018.08.140)

8. Russo, Paola; Zacco, Roberto; Rekkas, Dimitrios M.; Politis, Stavros; Garofalo, Emilia; Del Gaudio, Pasquale; **Aquino, Rita P.** (2019) **Application of experimental design for the development of soft-capsules through a prilling, inverse gelation process** J DRUG DELIVERY SCIENCE 6 TECHNOLOGY Vol. 49. Pag. 577-585 ISSN:1773-2247.

9. Carizzo Albino; Conte, Giulio Maria; Sommella, Eduardo; Damato Antonio; Ambrosio, Maria Teresa; Sala, Marina; Scala, Maria Carmina; **Aquino, Rita P.**; De Lucia Massimiliano; Madonna Michele; Sansone, Francesca; Ostacolo, Carmine; Capunzo, Mario; Migliarino Serena; Sciarretta Sebastiano; Frati Giacomo; Carmine Vecchione; Campiglia, Pietro (2019) **Novel Potent Decameric Peptide of Spirulina platensis Reduces Blood Pressure Levels Through a PI3K/AKT/eNOS-Dependent Mechanism** HYPERTENSION 73:449–457 <https://doi.org/10.1161/HYPERTENSIONAHA.118.11801>

Main Publications between 2011-2019

10. Terlizzi, Michela; Colarusso, Chiara; De Rosa, Ilaria; De Rosa, Nicolina; Somma, Pasquale; Curcio, Carlo; Zamparelli Sanduzzi, Alessandro; Micheli, Pietro; Molino, Antonio; Saccomanno, Antonello; Salvi, Rosario; **Aquino, Rita P.**; Pinto, Aldo; Sorrentino, Rosalinda (2018) **Circulating and tumor-associated caspase-4: A novel diagnostic and prognostic biomarker for non-small cell lung cancer.** ONCOTARGET. Vol. 9. Pag.19356-19367 (DOI): [10.18632/oncotarget.25049](https://doi.org/10.18632/oncotarget.25049)

11. Sansone, Francesca; Esposito, Tiziana; Lauro, Maria Rosaria; Picerno, Patrizia; Mencherini, Teresa; Gasparri, Franco; De Santis, Stefania; Chieppa, Marcello; Cirillo, Claudia; **Aquino, Rita Patrizia** **Application of Spray Drying Particle Engineering to a High-Functionality/Low-Solubility Milk Thistle Extract: Powders Production and Characterization** MOLECULES. Vol. 23. Pag.1-17 ISSN:1420-3049. (DOI): [10.3390/molecules23071716](https://doi.org/10.3390/molecules23071716)

12. **Aquino, Rita Patrizia**; Barile, Sergio; Grasso, Antonio; Saviano, Marialuisa (2018) **Envisioning smart and sustainable healthcare: 3D Printing technologies for personalized medication** FUTURES. Pag.1-18 ISSN:0016-3287. DOI: [10.1016/j.futures.2018.03.002](https://doi.org/10.1016/j.futures.2018.03.002)

13. Terlizzi, Michela; Molino, Antonio; Colarusso, Chiara; Donovan5, Chantal; Imitazione, Pasquale; Somma, Pasquale; **Aquino, Rita P.**; Hansbro, Philip M.; Pinto, Aldo; Sorrentino, Rosalinda (2018) **Activation of the Absent in Melanoma 2 Inflammasome in Peripheral Blood Mononuclear Cells From Idiopathic Pulmonary Fibrosis Patients Leads to the Release of Pro-Fibrotic Mediators.** FRONTIERS IN IMMUNOLOGY. Vol. 9. Pag.670-680 2018 DOI: [10.3389/fimmu.2018.00670](https://doi.org/10.3389/fimmu.2018.00670)

14. Rodríguez-Dorado, Rosalia; Landín, Mariana; Altai, Ayça; Russo, Paola; **Aquino, Rita P.**; Del Gaudio, Pasquale (2018) **A novel method for the production of core-shell microparticles by inverse gelation optimized with artificial intelligent tools** INTERNATIONAL JOURNAL OF PHARMACEUTICS. Vol. 538. Pag.97-104 2018 DOI: [10.1016/j.ijpharm.2018.01.023](https://doi.org/10.1016/j.ijpharm.2018.01.023)

15. Sansone, Francesca; Esposito, Tiziana; Mencherini, Teresa; Lauro, Maria Rosaria; Del Gaudio, Pasquale; Picerno, Patrizia; Pepe, Giacomo; **Aquino, Rita Patrizia** (2018) **Particle technology applied to a lactose/NaCMC blend: Production and characterization of a novel and stable spray-dried ingredient** POWDER TECHNOLOGY. Vol. 329. Pag. 304-312 2018 DOI: [10.1016/j.powtec.2018.01.043](https://doi.org/10.1016/j.powtec.2018.01.043)

16. Gianluigi De Falco, Chiara Colarusso, Michela Terlizzi, Ada Popolo, Michela Pecoraro, Mario Commodo, Patrizia Minutolo, Mariano Sirignano, Andrea D'Anna, **Rita Patrizia Aquino**, Aldo Pinto, Antonio Molino, Rosalinda Sorrentino (2017) **Chronic obstructive pulmonary disease (COPD)-derived circulating cells release IL-18 and IL-33 under ultrafine particulate (UFP) matter exposure in a caspase-1/8-independent manner.** FRONTIERS IN IMMUNOLOGY, section Inflammation, 26 October 2017 <https://doi.org/10.3389/fimmu.2017.01415>

Main Publications between 2011-2019

17. Gianluigi, De Falco; Michela, Terlizzi; Mariano, Sirignano; Mario, Commodo; Andrea, D'Anna; **Rita, Aquino**; Aldo, Pinto; Rosalinda, Sorrentino (2017) . **Human peripheral blood mononuclear cells (PBMCs) from smokers release higher levels of IL-1-like cytokines after exposure to combustion-generated ultrafine particles.** SCIENTIFIC REPORTS. Vol. 7. Pag.43016-43026 ISSN:2045-2322.
18. Esposito, Tiziana; Sansone, Francesca; Franceschelli, Silvia; Del Gaudio, Pasquale; Picerno, Patrizia; **Aquino, Rita Patrizia**; Mencherini, Teresa (2017) **Hazelnut (Corylus avellana L.) shells extract: Phenolic composition, antioxidant effect and cytotoxic activity on human cancer cell lines** INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. Vol. 18. Pag.392-403 ISSN:1661-6596.
19. Di Mola, A; Massa, A; De Feo, V; Basile, A; Pascale, M; **Aquino, R.P**; De Caprariis, P. (2017) **Effect of citral and citral related compounds on viability of pancreatic and human B-lymphoma cell lines** MEDICINAL CHEMISTRY RESEARCH. Vol. 26. Pag.631-639 ISSN:1054-2523.
20. Mansour, Amira; Celano, Rita; Mencherini, Teresa; Picerno, Patrizia; Piccinelli, Anna Lisa; Foudil-Cherif, Yazid; Csuporc, Dezső; Rahili, Ghania; Yahi, Nassima; Nabavi, Seyed Mohammad; **Aquino, Rita Patrizia**; Rastrelli, Luca (2017) **A new cineol derivative, polyphenols and norterpenoids from Saharan myrtle tea (Myrtus nivellei): Isolation, structure determination, quantitative determination and antioxidant activity** FITOTERAPIA. Pag.32-39 ISSN:1971-551X.
21. Manniello, Michele Dario; Del Gaudio, Pasquale; **Aquino, Rita P.**; Russo, Paola (2017) **Clarithromycin and N-acetylcysteine co-spray-dried powders for pulmonary drug delivery: A focus on drug solubility** INTERNATIONAL JOURNAL OF PHARMACEUTICS. Pag.1-7 ISSN:0378-5173.
22. Del Gaudio, Pasquale; Sansone, Francesca; Mencherini, Teresa; de Cicco, Felicetta; Russo, Paola; **Aquino, Rita Patrizia** (2017) **Nanospray Drying as a Novel Tool to Improve Technological Properties of Soy Isoflavone Extracts** PLANTA MEDICA. Vol. 83. Pag.426-433 ISSN:0032-0943.
23. Del Gaudio, Pasquale; Russo, Paola; Rodriguez Dorado, Rosalia; Sansone, Francesca; Mencherini, Teresa; Gasparri, Franco; **Aquino, Rita Patrizia** (2017) **Submicrometric hypromellose acetate succinate particles as carrier for soy isoflavones extract with improved skin penetration performance** CARBOHYDRATE POLYMERS. Vol. 165. Pag.22-29 ISSN:0144-8617.
24. Cerciello, Andrea; Del Gaudio, Pasquale; Granata, Veronica; Sala, Marina; **Aquino, Rita P.**; Russo, Paola (2017) **Synergistic effect of divalent cations in improving technological properties of cross-linked alginate beads** INT JOURNAL OF BIOLOGICAL MACROMOLECULES. Vol. 101. Pag.100-106 ISSN:0141-8130.
25. Russo, Maria; Moccia, Stefania; Bilotto, Stefania; Spagnuolo, Carmela; Durante, Miriana; Lenucci, Marcello Salvatore; Mita, Giovanni; Volpe, Maria Grazia; **Aquino, Rita Patrizia**; Russo, Gian Luigi (2017) **A carotenoid extract from a Southern Italian cultivar of pumpkin triggers nonprotective autophagy in malignant cells** OXIDATIVE MEDICINE AND CELLULAR LONGEVITY. Vol. 2017. Pag.1-15 ISSN:1942-0900. (DOI): [10.1155/2017/7468538](https://doi.org/10.1155/2017/7468538)
26. De Cicco, Felicetta; Russo, Paola; Reverchon, Ernesto; García-González, Carlos A.; **Aquino, Rita Patrizia**; Del Gaudio, Pasquale (2016). **Prilling and supercritical drying: A successful duo to produce core-shell polysaccharide aerogel beads for wound healing.** CARBOHYDRATE POLYMERS. Vol. 147. Pag.482-489 ISSN:0144-8617.
27. Sansone, Francesca; Esposito, Tiziana; Mencherini, Teresa; Piccinelli, Anna Lisa; Gaggero, Patrizia; Picerno, Patrizia; Russo, Paola; Del Gaudio, Pasquale; Essolito, Massimiliano; Campiglia,

Main Publications
between 2011-2019

- Pietro; **Aquino, Rita P** (2016). **Annurca peel extract: from the chemical composition, through the functional activity, to the formulation and characterisation of a topical oil-in-water emulsion.** NATURAL PRODUCT RESEARCH. Vol. 30. Pag.1398-1403 ISSN:1478-6419.
28. Cerciello, Andrea; Auriemma, Giulia; Del Gaudio, Pasquale; Cantarini, Marco; **Aquino, Rita P.** (2016). **Natural polysaccharides platforms for oral controlled release of ketoprofen lysine salt.** DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY. Vol. 14. Pag.1-7 ISSN:0363-9045.
29. Cerciello, Andrea; Auriemma, Giulia; Del Gaudio, Pasquale; Sansone, Francesca; **Aquino, Rita P.;** Russo, Paola (2016). **A novel core-shell chronotherapeutic system for the oral administration of ketoprofen.** JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY. Vol. 32. Pag.126-131 ISSN:1773-2247.
30. Anna Lisa, Piccinelli; Imma, Pagano; Tiziana, Esposito; Teresa, Mencherini; Amalia, Porta; Maria, Petrone Anna; Patrizia, Gaggero; Patrizia, Picerno; Francesca, Sansone; Luca, Rastrelli; **Rita Patrizia., Aquino** (2016). **HRMS Profile of a Hazelnut Skin Proanthocyanidin-rich Fraction with Antioxidant and Anti-Candida albicans Activities.** JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY. Vol. 64. Pag.585-595 ISSN:0021-8561.
31. Herbab, Khawla; Mekhelfi, Tarak; Zaiter, Lahcene; Benayache, Samir; Benayache, Fadila; Picerno, Patrizia; Mencherini, Teresa; Sansone, Francesca; Aquino, Rita P; Rastrelli, Luca (2016). **Chemical composition and antioxidant activity of a polar extract of Thymelaea microphylla Coss. et Dur.** NATURAL PRODUCT RESEARCH. Vol. 29. Pag.671-675 ISSN:1478-6419.
32. Pagliarulo, Caterina; Sansone, Francesca; Moccia, Stefania; Russo, Gian Luigi; Aquino, Rita Patrizia; Salvatore, Paola; Di Stasio, Michele; Volpe, Maria Grazia (2016) **Preservation of Strawberries with an Antifungal Edible Coating Using Peony Extracts in Chitosan** FOOD AND BIOPROCESS TECHNOLOGY. Vol. 9. Pag.1951-1960 ISSN:1935-5130. DOI): [10.1007/s11947-016-1779-x](https://doi.org/10.1007/s11947-016-1779-x)
33. Lauro, Maria Rosaria; Carbone, Claudia; Sansone, Francesca; Ruozi, Barbara; Chillemi, Rosanna; Sciuto, Sebastiano; Aquino, Rita Patrizia; Puglisi, Giovanni (2016) **Innovative oral spray-dried Idebenone systems to improve patient compliance** DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY. Vol. 42. Pag.1127-1136 ISSN:0363-9045.
34. Cerciello, Andrea; Auriemma, Giulia; Morello, Silvana; Aquino, Rita P; Del Gaudio, Pasquale; Russo, Paola (2016) **Prednisolone Delivery Platforms: Capsules and Beads Combination for a Right Timing Therapy** PLOS ONE. Vol. 11. Pag.1-14 ISSN:1932-6203.
35. Manniello, Michele Dario; Del Gaudio, Pasquale; Porta, Amalia; Aquino, Rita Patrizia; Russo, Paola (2016) **Aerodynamic properties, solubility and in vitro antibacterial efficacy of dry powders prepared by spray drying: Clarithromycin versus its hydrochloride salt** EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS. Vol. 104. Pag.1-6 ISSN:0939-6411.
36. Tedesco, Idolo; Moccia, Stefania; Volpe, Silvestro; Alfieri, Giovanna; Strollo, Daniela; Bilotto, Stefania; Spagnuolo, Carmela; Di Renzo, Massimo; Aquino, Rita P.; Russo, Gian Luigi (2016) **Red wine activates plasma membrane redox system in human erythrocytes** FREE RADICAL RESEARCH. Vol. 50. Pag.557-569 ISSN:1071-5762.
37. Stigliani, Mariateresa; Manniello, Michele Dario; Zegarra-Moran, Olga; Galiotta, Luis; Minicucci, Laura; Casciaro, Rosaria; Garofalo, Emilia; Incarnato, Loredana; Aquino, Rita P.; Del Gaudio, Pasquale; Russo, Paola (2016) **Rheological Properties of Cystic Fibrosis Bronchial Secretion and in Vitro Drug Permeation Study: The Effect of Sodium Bicarbonate** JOURNAL OF AEROSOL MEDICINE AND PULMONARY DRUG DELIVERY. Vol. 29. Pag.337-345 ISSN:1941-2711.
38. Rodriquez, Manuela; Aquino, Rita Patrizia; D'Ursi, Anna Maria (2015). **Is it time to**

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integrate sex and gender into drug design and development?. FUTURE MEDICINAL CHEMISTRY. Vol. 7 (5). Pag.557-559 ISSN:1756-8919.

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- 3) Giulia Auriemma, Andrea Cerciello, Rita P, Aquino NSAIDS: Design and Development of

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Main Conferences and Symposia over the last years

Prof. Aquino held over 100 communications at scientific congresses in the health, pharmaceutical and medical fields with numerous plenary lectures and invited lectures..

25-28 September 2016 "Innovation in Drug delivery" University of Paris Sud- Antibes

4 November 2016 "Politica Agraria Comunitaria strumenti per lo sviluppo del meridione Università di Salerno"

29-30 November 2016 "Mi.to. Un viaggio tra liposomi e polissaccaridi" Università di Milano e Torino

14-17 February "Workshop di Chemiometria" Università di Salerno

6-7 March 2017 "Cultura di genere nel mondo della Farmacia" Università di Salerno

22 June 2017 "La farmacia nel sistema dei presidi sanitari: farmaceutica convenzionata, accertamenti diagnostici di base, informazioni al cittadino", Università di Salerno

26-28 October 2017 "Macromolecules in Drug delivery" CRS Università di Salerno

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Fisciano October 10th 2019

