

CURRICULUM VITAE di:

Nominativo	Anna Piperno
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Posizione accademica

Macrosettore:	03
Settore Concorsuale:	S.C. 03/C1
Settore Scientifico Disciplinare:	CHIM/06
Qualifica:	Professore Ordinario
Anzianità nel ruolo:	dal 1 Marzo 2022
Sede Universitaria:	Università degli Studi Di Messina
Struttura di afferenza (dipartimento o altro)	Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
30/11/2016 – 28/02/2022	Professore Associato	Università degli Studi Di Messina
02/07/2001 – 30/11/2016	RU	Università degli Studi Di Messina

Pubblicazioni Scientifiche (2012-2022)

n. progr.	anno	Descrizione pubblicazione
1	2022	Alexandru-Milentie Hada, Monica Potara, Simion Astilean, Annalaura Cordaro, Giulia Neri, Milo Malanga, Antonia Nostro, Antonino Mazzaglia, Angela Scala, Anna Piperno. Linezolid nanoAntibiotics and SERS-nanoTags based on polymeric cyclodextrin bimetallic core-shell nanoarchitectures. <i>Carbohydrate Polymers</i> , 293, 119736.
2	2022	Antonino Mazzaglia, Giuseppe Di Natale, Rita Tosto, Angela Scala, Giuseppe Sortino, Anna Piperno, Maria Pia Casaletto, Alberto Riminucci, Maria Laura Giuffrida, Placido G. Mineo, Valentina Villari, Norberto Micali, Giuseppe Pappalardo. KLVFF oligopeptide-decorated amphiphilic cyclodextrin nanomagnets for selective amyloid beta recognition and fishing. <i>J Colloid Interface Sci</i> 814-826.

3	2022	Giulia Neri, Carmelo Iaria, Fabiano Capparucci, Gioele Capillo, Rosamaria Pennisi, Angelo Nicosia, Placido Giuseppe Mineo, Angela Scala, Maria Teresa Sciortino, Anna Piperno, Fabio Marino. In vivo tracking and biosafety of fluorescent graphene-cyclodextrin nanomaterials on zebrafish embryos. <i>FlatChem</i> , 35 100411
4	2022	Antonino Mazzaglia and Anna Piperno. Carbon Nanomaterials for Therapy, Diagnosis and Biosensing (Editorial) <i>Nanomaterials</i> 2022, 12, 1597.
5	2022	Serena Maria Torcasio, Roberto Oliva, Monica Montesi, Silvia Panseri, Giada Bassi, Antonino Mazzaglia, Anna Piperno, Olivier Coulembier, Angela Scala. Three-armed RGD-decorated starPLA-PEG nanoshuttle for docetaxel delivery. <i>Biomaterials Advances</i> 140 213043.
6	2022	Angela Scala, Giulia Neri, Nicola Micale, Massimiliano Cordaro, Anna Piperno. State of the Art on Green Route Synthesis of Gold/Silver Bimetallic Nanoparticles. <i>Molecules</i> , 27, 1134
7	2022	Rosa Maria Pennisi, R, Maria Musarra-Pizzo, Tania Velletri, Antonino Mazzaglia, Giulia Neri, Angela Scala, Anna Piperno, Maria Teresa Sciortino. Cancer-Related Intracellular Signalling Pathways Activated by DOXorubicin/Cyclodextrin-Graphene-Based Nanomaterials. <i>Biomolecules</i> 12, 63.
8	2021	Citarella, A.; Scala, A.; Piperno, A.; Micale, N. SARS-CoV-2 Mpro: A Potential Target for Peptidomimetics and Small-Molecule Inhibitors. <i>Biomolecules</i> , 11, 607.
9	2021	Citarella, A.; Gentile, D.; Rescifina, A.; Piperno, A.; Mognetti, B.; Gribaudo, G.; Sciortino, M.T.; Holzer, W.; Pace, V.; Micale, N. Pseudo-Dipeptide Bearing α,α -Difluoromethyl Ketone Moiety as Electrophilic Warhead with Activity Against Coronaviruses. <i>Int. J. Mol. Sci.</i> , 22, 1398.
10	2021	Anna Piperno, Maria Teresa Sciortino, Elena Giusto, Monica Montesi, Silvia Panseri, Angela Scala. Recent Advances and Challenges in Gene Delivery Mediated by Polyester-Based Nanoparticles. <i>International Journal of Nanomedicine</i> , 16, 5981–6002.
11	2021	Neri, G.; Fazio, E.; Nostro, A.; Mineo, P.G.; Scala, A.; Rescifina, A.; Piperno, A. Shedding Light on the Chemistry and the Properties of Münchnone Functionalized Graphene. <i>Nanomaterials</i> 11, 1629.
12	2021	Foti, C.; Piperno, A.; Scala, A.; Giuffrè, O. Oxazolidinone Antibiotics: Chemical, Biological and Analytical Aspects. <i>Molecules</i> 26, 4280.
13	2021	Giulia Neri, Annalaura Cordaro, Angela Scala, Massimiliano Cordaro, Antonino Mazzaglia, Anna Piperno. PEGylated bis-adamantane carboxamide as guest bridge for graphene poly-cyclodextrin gold nanoassemblies. <i>Journal of Molecular Structure</i> 1240 130519.
14	2020	Angelo Nicosia, Fabiana Vento, Anna Lucia Pellegrino, Vaclav Ranc, Anna Piperno, Antonino Mazzaglia and Placido Mineo. Polymer-Based Graphene Derivatives and Microwave-Assisted Silver Nanoparticles Decoration as a Potential Antibacterial Agent. <i>Nanomaterials</i> 10, 2269.
15	2020	Annalaura Cordaro, Roberto Zagami, Milo Malanga, Jagadeesh Kumar Venkatesan, Carmen Alvarez-Lorenzo, Magali Cucchiari, Anna Piperno* and Antonino Mazzaglia. Cyclodextrin Cationic Polymer-Based Nanoassemblies to Manage Inflammation by Intra-Articular Delivery Strategies. <i>Nanomaterials</i> 10, 1712.
16	2020	Annalaura Cordaro, Giulia Neri, Maria Teresa Sciortino, Angela Scala and Anna Piperno.*Graphene-Based Strategies in Liquid Biopsy and in Viral Diseases Diagnosis. <i>Nanomaterials</i> , 10, 1014.

16	2020	Mariachiara Trapani, Antonino Mazzaglia, Anna Piperno, Annalaura Cordaro, Roberto Zagami, Maria Angela Castriciano, Andrea Romeo, Luigi Monsù Scolaro Novel Nanohybrids Based on Supramolecular Assemblies of Meso-tetrakis-(4-sulfonatophenyl) Porphyrin J-aggregates and Amine-Functionalized Carbon Nanotubes. <i>Nanomaterials</i> 10, 669.
18	2020	Romain Liénarda, Monica Montesi, Silvia Panseri, Samuele Maria Dozio, Fabiana Vento, Placido G. Mineo Anna Piperno, Julien De Winter, Olivier Coulembier, Angela Scala. Design of naturally inspired jellyfish-shaped cyclopoly lactides to manage osteosarcoma cancer stem cells fate. <i>Materials Science & Engineering C</i> , 117, 111291.
19	2020	Putative Inhibitors of SARS-CoV-2 Main Protease from A Library of Marine Natural Products: A Virtual Screening and Molecular Modeling Study. <i>Mar. Drugs</i> . 18, 225.
20	2020	Daniela Caccamo, Monica Currò, Riccardo Ientile, Elisabetta AM Verderio, Angela Scala, Antonino Mazzaglia, Rosamaria Pennisi, Maria Musarra-Pizzo, Roberto Zagami, Giulia Neri, Consolato Rosmini, Monica Potara, Monica Focsan, Simion Astilean, Anna Piperno and Maria Teresa Sciortino. Intracellular Fate and Impact on Gene Expression of Doxorubicin/Cyclodextrin-Graphene Nanomaterials at Sub-Toxic Concentration. <i>Int. J. Mol. Sci.</i> 21, 4891
21	2020	Foti C, Mineo PG, Nicosia A, Scala A, Neri G and Piperno A (2020) Recent Advances of Graphene-Based Strategies for Arsenic Remediation. <i>Front. Chem.</i> , 8:608236
22	2020	Placido G. Mineo, Claudia Foti, Fabiana Vento, Monica Montesi, Silvia Panseri, Anna Piperno, Angela Scala. Salinomycin-loaded PLA nanoparticles: drug quantification by GPC and wave voltammetry and biological studies on osteosarcoma cancer stem cells. <i>Analytical and Bioanalytical Chemistry</i> , 412:4681–4690.
23	2019	Anna Piperno*, Antonino Mazzaglia, Angela Scala, Rosamaria Pennisi, Roberto Zagami, Giulia Neri, Serena Maria Torcasio, Consolato Rosmini, Placido Giuseppe Mineo, Monica Potara, Monica Focsan, Simion Astilean Zhou, Grace Guoyin Zhoug, Maria Teresa Sciortino* Casting Light on Intracellular Tracking of a New Functional Graphene-Based MicroRNA Delivery System by FLIM and Raman Imaging. <i>ACS Applied Materials and Interfaces</i> , 11(49), 46101-46111
24	2019	Giulia Neri, Enza Fazio*, Placido G Mineo, Angela Scala, Anna Piperno* (2019). SERS sensing properties of new graphene/gold nanocomposite. <i>Nanomaterials</i> , 9(9), 1236.
25	2019	Roberto Zagami, Rapozzi Valentina, Anna Piperno, Angela Scala, Claudia Triolo, Maria Chiara Trapani, Luigi E. Xodo, Luigi Monsù Scolaro, Antonino Mazzaglia Folate-Decorated Amphiphilic Cyclodextrins as Cell-Targeted Nanophototherapeutics. <i>Biomacromolecules</i> , 20(7), 2530-2544.
26	2019	Angela Scala, Anna Piperno, Nicola Micale, Frauke Christ, Zeger Debyser (2019). Synthesis and Anti-HIV Profile of a Novel Tetrahydroindazolylbenzamide Derivative Obtained by Oxazolone Chemistry. <i>ACS Medicinal Chemistry Letters</i> , 10(4), 398-401.
27	2019	Angela Scala, Anna Piperno, Alexandru Hada Milentie, Simion Astilean, Adriana Vulpoi, Giovanna Ginestra, Andreana Marino, Antonella Nostro, Vincenzo Zammuto, Concetta Gugliandolo. Marine bacterial exopolymers-mediated green synthesis of noble metal nanoparticles with antimicrobial properties. <i>Polymers</i> 11(7), 1157.
28	2019	Anna Piperno*, Roberto Zagami, Annalaura Cordaro, Rosamaria Pennisi, Maria Musarra-Pizzo, Mariateresa Sciortino, Antonino Mazzaglia*. Exploring the entrapment of antiviral agents in hyaluronic acid-cyclodextrin

		conjugates. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 93(1-2), 33-40.
29	2019	Chiara Zagni, Andrea Citarella, Mahjoub Oussama, Antonio Rescifina, Alessandro Maugeri, Michele Navarra, Angela Scala, Anna Piperno, Nicola Micale (2019). Hydroxamic Acid-Based Histone Deacetylase (HDAC) inhibitors bearing a pyrazole scaffold and a cinnamoyl linker. <i>International Journal of Molecular Sciences</i> , 20(4), 945
30	2018	Davide Barreca, Giulia Neri, Angela Scala, Davide Gentile, Antonio Rescifina, Anna Piperno*. Covalently immobilized catalase on functionalized graphene: Effect on the activity, immobilization efficiency, and tetramer stability. <i>Biomaterials Science</i> , 6(12), 3231-3240.
31	2018	Antonino Mazzaglia, Angela Scala, Giuseppe Sortino, Roberto Zagami, Yanqiu Zhu, Maria Teresa Sciortino, Rosa Maria Pennisi, Maria Musarra-Pizzo, Giulia Neri, Giovanni Grassi, Anna Piperno* (. Intracellular trafficking and therapeutic outcome of multiwalled carbon nanotubes modified with cyclodextrins and polyethylenimine. <i>Colloids and Surfaces B: Biointerfaces</i> , 163, 55-63.
32	2018	Anna Piperno*, Angela Scala, Antonino Mazzaglia Mazzaglia, Giulia Neri, Rosa Maria Pennisi, Maria Teresa Sciortino, Giovanni Grassi. Cellular signaling pathways activated by functional graphene nanomaterials. <i>International Journal of Molecular Sciences</i> , 19(11), 3365
33	2018	Angela Scala, Anna Piperno, Torcasio Serena Maria, Angelo Nicosia, Giuseppe Placido Mineo, Giovanni Grassi . "Clickable" polylactic acids obtained by solvent free intra-chain amidation. <i>European Polymer Journal</i> 109, 341-346
34	2018	Angela Scala, Anna Piperno, Placido Giuseppe Mineo, Antonio Abbadessa, Roberta Risoluti, Germano Castelli, Federica Bruno, Fabrizio Vitale, Antonio Cascio, Giovanni Grassi. Click" on PLGA-PEG and hyaluronic acid: Gaining access to anti-leishmanial pentamidine bioconjugates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 106(8), 2778-2785
35	2018	Angela Scala, Antonio Rescifina, Nicola Micale, Anna Piperno, Tanja Schirmeister, Luis Maes, Giovanni Grassi. Ensemble-based ADME-Tox profiling and virtual screening for the discovery of new inhibitors of the <i>Leishmania mexicana</i> cysteine protease CPB2.8ΔCTE. <i>Chemical Biology and Drug Design</i> , 91(2), 597-604.
36	2017	Giulia Neri, Nicola Micale, Angela Scala, Enza Fazio, Antonino Mazzaglia, Placido G. Mineo, Monica Montesi, Silvia Panseri, Anna Tampieri, Giovanni Grassi, Anna Piperno*. Silibinin-conjugated graphene nanoplatfrom: Synthesis, characterization and biological evaluation, <i>FlatChem</i> 1, 34-41
37	2017	Majdi M Bkhaitan, Agha Zeeshan Mirza, Ashraf N Abdalla, Hina Shamshad, Zaheer Ul-Haq, Mohammed A Alarjah, Anna Piperno . Reprofileing of full-length phosphonated carbocyclic 2'-oxa-3'-aza-nucleosides toward antiproliferative agents: Synthesis, antiproliferative activity, and molecular docking study. <i>Chemical Biology and Drug Design</i> , 90, 5, 679-689
38	2017	Giuseppa Visalli, Alessio Facciola, Daniela Iannazzo, Anna Piperno, Alessandro Pistone, Angela Di Pietro. The role of the iron catalyst in the toxicity of multi-walled carbon nanotubes (MWCNTs). <i>Journal of Trace Elements in Medicine and Biology</i> , 43, 153-160.
39	2017	Angela Scala, Anna Piperno, Giovanni Grassi, Luigi Monsù Scolaro, Antonino Mazzaglia. Nanoconstructs based on Cyclodextrins for Antimicrobial Applications. In <i>Nano- and Microscale Drug Delivery Systems: Design and Fabrication</i> pp. 229-244 (capitol di libro)
40	2016	Claudia Conte. Angela Scala, Gabriel Siracusano, Giuseppe Sortino, Rosa Pennisi, Anna Piperno, A. Miro, F. Ungaro, Maria T. Sciortino, Fabiana Quaglia, Antonino Mazzaglia. Nanoassemblies based on Non-ionic

		Amphiphilic Cyclodextrin hosting Zn(II)-Phthalocyanine and Docetaxel: Design, Physicochemical Properties and Intracellular Effects. <i>Colloids and Surfaces B:Biointerfaces</i> , 146, 590–597
41	2016	Angela Scala, Nicola Micale, Anna Piperno, Antonio Rescifina, Tania Schirmeister, Jochen Kesselring, Giovanni Grassi. Targeting of the Leishmania Mexicana cysteine protease CPB2.8 Δ CTE by decorated fused benzo[b] thiophene scaffold. <i>RSC Advances</i> , 6, 30628-30635.
42	2015	Anna Piperno* Agostino Marrazzo, Angela Scala, Antonio Rescifina*. Chemistry and Biology of Salinomycin and its Analogues. <i>Targets in Heterocyclic Systems</i> , 19, 177-213
43	2015	Giulia Neri, Angela Scala, Enza Fazio, Placido G Mineo, Antonio Rescifina, Anna Piperno*, Giovanni Grassi. Repurposing of oxazolone chemistry: gaining access to functionalized graphene nanosheets in a top-down approach from graphite. <i>Chemical Science</i> , 6, 6961-6970
44	2015	Giulia Neri, Angela Scala, Francesco Barreca, Enza Fazio, Giuseppe P. Mineo, Antonino Mazzaglia, Giovanni Grassi, Anna Piperno*. Engineering of carbon based nanomaterials by ring-opening reactions of a reactive azlactone graphene platform. <i>Chemical Communications</i> , 51, 4846-4849
45	2015	Micale Nicola, Piperno Anna, Mahfoudh Nawal, Schurigt Uta, Schultheis Martina, Mineo Placido Giuseppe, Schirmeister Tanja, Scala Angela, Grassi Giovanni. A hyaluronic acid–pentamidine bioconjugate as a macrophage mediated drug targeting delivery system for the treatment of leishmaniasis. <i>RSC Advances</i> , 5, 95545-95550,
46	2015	Cardiano Paola, Fazio Enza, Lazzara Giuseppe, Manickam Sundar, Milioto Stefana, Neri Fortunato, Mineo Placido G., Piperno Anna, Lo Schiavo Sandra. Highly untangled multiwalled carbon nanotube@polyhedral oligomeric silsesquioxane ionic hybrids: Synthesis, characterization and nonlinear optical properties. <i>Carbon</i> , 86, 325-337.
47	2015	Mihoubi Mohamed, Micale Nicola, Scala Angela, Jarraya Raoudha Mezghani, Bouaziz Amira, Schirmeister Tanja, Risitano Francesco, Piperno Anna*, Grassi Giovanni. Synthesis of C3/C1-Substituted Tetrahydroisoquinolines. <i>Molecules</i> , 20, 14902-14914
48	2015	Angela Scala, Anna Piperno, Francesco Risitano, Santa Cirmi, Navarra Michele, Giovanni Grassi. Efficient synthesis of highly substituted tetrahydroindazolone derivatives. <i>Molecular Diversity</i> 19, 3, 473-480. doi: 10.1007/s11030-015-9583-5.
49	2015	Giuseppa Visalli, M.P Bertuccio, Daniela Iannazzo, Anna Piperno, Alessandro Pistone, Angela di Pietro. Toxicological assessment of multi-walled carbon nanotubes on A549 human lung epithelial cells. <i>Toxicology in Vitro</i> , 29, 2, 352-362
50	2014	Anna Piperno*, Angela Scala, Daniela Iannazzo, Massimo Cordaro. Recent Highlights in the Synthesis of Anti-HCV Ribonucleosides. <i>Current Medicinal Chemistry</i> , 21, 1843-1860,
51	2014	Daniela Iannazzo, Antonino Mazzaglia*, Angela Scala, Alessandro Pistone, Signorino Galvagno, Maurizio Lanza, Cristina Riccucci, Gabriel Maria Ingo, Ivana Colao, Maria Teresa Sciortino, Francesco Valle, Anna Piperno*, Giovanni Grassi. β -Cyclodextrin-grafted on multiwalled carbon nanotubes as versatile nanoplatform for entrapment of guanine-based drugs. <i>Colloids and Surfaces. B, Biointerfaces</i> , 123, 264-270.
52	2014	Anna Piperno, Angela Scala, Francesco Risitano, Giovanni Grassi (. Oxazol-5-(4H)-Ones. Part 1. Synthesis and Reactivity as 1,3-dipoles. <i>Current Organic Chemistry</i> , 18, 2691-2710, ISSN: 1385-2728
53	2014	Angela Scala, Massimiliano Cordaro, Giovanni Grassi, Anna Piperno, Giuseppina Barberi, Antonio Cascio, Francesco Risitano. Direct synthesis of

		C3-mono-functionalized oxindoles from N-protected 2-oxindole and their antileishmanial activity. <i>Bioorganic & Medicinal Chemistry</i> , 22, 1063-1069.
54	2013	Alessandro Pistone, Anna Piperno, Daniela Iannazzo, Nicola Donato, Mariangela Latino, Donatella Spadaro, Giovanni Neri Fe ₃ O ₄ -MWCNT PhCOOH composites for ammonia resistive sensors. <i>Sensors and Actuators. Chemical B.</i> , 186, 333-342.
55	2013	Daniela Iannazzo, Anna Piperno, Alessandro Pistone, Giovanni Grassi, Signorino Galvagno. Recent Advances in Carbon Nanotubes as Delivery Systems for Anticancer Drugs. <i>Current Medicinal Chemistry</i> , 20, 1333-1354.
56	2013	Vincenza Brancato, Annamaria Visco, Alessandro Pistone, Anna Piperno, Daniela Iannazzo. Effect of functional groups of multi-walled carbon nanotubes on the mechanical, thermal and electrical performance of epoxy resin based nanocomposites. <i>Journal of Composite Materials</i> , 47, 3091-3103. (IF 2.03,
57	2012	Daniela Iannazzo, Anna Piperno, Angelo Ferlazzo, Alessandro Pistone, Candida Milone, Maurizio Lanza, Francesco Cimino, Antonio Speciale, Domenico Trombetta, Antonia Saija, Signorino Galvagno. Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. <i>Organic & Biomolecular Chemistry</i> , 10, 1025-1031.
58	2012	Giovanni Grassi, Angela Scala, Anna Piperno*, Daniela Iannazzo, Maurizio Lanza, Candida Milone, Pistone Alessandro*, Signorino Galvagno. A facile and ecofriendly functionalization of multiwalled carbon nanotubes by an old mesoionic compound. <i>Chemical Communications</i> , 48, 6836-6838 .
59	2012	Daniela Iannazzo, Anna Piperno, Giovanni Romeo, Roberto Romeo, Angelo Ferlazzo, Alessandro Pistone, Maurizio Lanza, Candida Milone Coumarin-Conjugated Multiwalled Carbon Nanotubes for Potential Biological Applications: Development and Characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 12, 5030-5038.
60	2012	Alessandro Pistone, Angelo Ferlazzo, Maurizio Lanza, Candida Milone, D. Iannazzo, A. Piperno, E. Piperopoulos, S. Galvagno. Morphological Modification of MWCNT Functionalized with HNO ₃ /H ₂ SO ₄ Mixtures. <i>Journal of Nanoscience and Nanotechnology</i> , 12, 5054-5060.
61	2012	Carla Cunha, Silvia Panseri, Daniela Iannazzo, Anna Piperno, Alessandro Pistone, Marianna Fazio, Alessandro Russo, Maurilio Marcacci, Signorino Galvagno Hybrid composites made of multiwalled carbon nanotubes functionalized with Fe ₃ O ₄ nanoparticles for tissue engineering applications. <i>Nanotechnology</i> , 23, 465102.

Titoli ¹

Responsabilità scientifica generale o di unità (work package, unità nazionale nei progetti europei o locale in quelli nazionali ecc.) per progetti di ricerca internazionali e nazionali ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari:

- PI of the MSCA Doctoral Networks "STRIKE" Comprehensive STRategies to tackle malignant tumors: from nanomedicine and theranostics to precision medicine. **2023-2026**
- PI of Messina Unit for the NATO project Science for Peace and Security Programme: VIPER (Learning a lesson: fighting SARS-CoV-2 Infection and get ready for other future Pandemic scenarios) (PI Prof Marco L. Lolli) **2022-2024**
- PI of the project Nanotechnological platforms for the capture of circulating methylated DNA in BRCA+ patients (granted by Cogentech). **2018-2022**

Direzione o partecipazione a gruppi di ricerca, nazionali o internazionali, legati a università ovvero a qualificate istituzioni pubbliche o private:

¹ In via esemplificativa sono indicate alcune voci

- a) Participation to PON3PE_00216 "Drug Delivery: Vehicles for sustainable innovation" (PI Prof E Rizzarelli) 2014-2023
- b) Participation to AGRIVET project "Centro per l'Innovazione dei Sistemi di Qualità, Tracciabilità e Certificazione dell'Agroalimentare (2012-2015) (PI Prof V. Chiofalo)
- c) Participation as advisor for the project "Innovative Studies of Synthesis and Delivery Systems of New Molecules of Pharmaceutical Interest for the Animal Health". PON 2006, Pratica MUR n. 9844
- d) Participation to CYCLONET project (Cyclodextrin Network), Bando Acri "Young Investigator Training Program 2019" (PI A. Mazzaglia CNR-ISMN)
- e) Participation to Research & Mobility 2016 project "Signalosome Complex Activation by New Nanotherapeutic Agents in Viral and Cancer Treatment. (PI Prof M.T. Sciortino).

Direzione o partecipazione a comitati di direzione di riviste Scopus/WOS o classificate da ANVUR, nonché di collane editoriali, enciclopedie e trattati di riconosciuto prestigio nel settore:

- a) Editor of Nanomaterials.
- b) Guest Editor of the Special Issue "Carbon Nanomaterials for Therapy, Diagnosis, and Biosensing" in Nanomaterials
- c) Guest Editor of Special Issue "State-of-the-Art Highlighting Antiviral Therapy and Viral Diseases Diagnosis in Italy 2020–2021

Partecipazione al collegio dei docenti nell'ambito di dottorati di ricerca accreditati dal Ministero:

- a) 2013- 2022 è membro del collegio dei docenti del Dottorato di Ricerca in Scienze Chimiche.
- b) 2002 al 2012 è stata membro del collegio dei docenti del Dottorato di Ricerca in "Chimica e Sicurezza degli Alimenti"

Altri titoli che contribuiscano a una migliore definizione del profilo scientifico:

Co-author of 126 scientific papers in peer-reviewed journals (from 1995 to 2022). Over 3272 international citations on Scopus; Hirsch index H= 37 (Scopus) Invited contributor of 3 chapters in international books.

Over 130 contributes in Conferences/Seminars; 15 Oral presentation in Conferences/Seminars

Invited presentations to peer-reviewed internationally established conferences:

- a) Anna Piperno, Angela Scala, Antonino Mazzaglia, Maria Teresa Sciortino (2019). Biotechnological Advancements of Functional Graphene Materials. In: Fourth China-Italy Bilateral Symposium on Organic Chemistry (IV CISOC). p. 45, Bologna, 16-17 Aprile 2019.
- b) Anna Piperno, Didactic lecture, XVII CSCC 2020, Certosa di Pontignano (Siena), Luglio 2021.
- c) (Key Note Lecture) Piperno Anna, Scala Angela, Mazzaglia Antonino. Symbiotic Combination of Cyclodextrins with Noble Metal Nanoparticles for Antimicrobial Therapeutics. 20th International Cyclodextrin Symposium (20th ICS), Giardini Naxos 13-17 Giugno 2022.

1 International patent (PCT Int. Appl. 2005, 29 pp. CODEN: PIXXD2 WO 2005082896 A1 20050909)

1 National patent (RM 2004 A 000099)

data
12/10/2022

firma
Anna Piperno