

## Curriculum vitae

### INFORMAZIONI PERSONALI

**Milena Masullo**

 Via Pompei SNC, Pontecagnano (SA), 84084, Italia

 (+39) 3478270437

 mmasullo@unisa.it

**Sesso** Femminile | **Data di nascita** 30-09-1981 | **Nazionalità** Italiana

### TITOLO DI STUDIO

**Laurea in Farmacia**

### ISTRUZIONE E FORMAZIONE

23/02/2009

**Dottorato di Ricerca in Scienze Farmaceutiche**

Conseguimento del titolo di Dottore di Ricerca in Scienze Farmaceutiche presso il Dipartimento di Scienze Farmaceutiche dell'Università degli Studi di Salerno, con una tesi dal titolo "Studio di piante medicinali finalizzato all'identificazione di molecole a potenziale attività antineoplastica"

22/07/2010

**Master Universitario di II livello in "Idrologia e Medicina Termale e dello Sport"**

Conseguimento del titolo di Esperto "Idrologia e Medicina Termale e dello Sport"; tesi dal titolo "Analisi di fanghi termali arricchiti con fitoestratti". presso la Facoltà di Farmacia dell'Università degli Studi di Salerno

2005

**Abilitazione all'esercizio della professione di farmacista**

28/10/2005

**Laurea in Farmacia**

Laurea in Farmacia con votazione 110/110 e lode, conseguita presso la Facoltà di Farmacia dell'Università degli Studi di Salerno con una tesi sperimentale in Laboratorio di Preparazione Estrattiva e Sintetica dei Farmaci dal titolo "Nuovi cardenolidi da *Pergularia tomentosa*".

### COMPETENZE PERSONALI

Lingua madre

italiano

Altre lingue

inglese

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
B2	B2	B1	B1	B1

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato  
Quadro Comune Europeo di Riferimento delle Lingue

- Competenze professionali**
- Tecniche di estrazione di matrici vegetali
  - Purificazione di estratti vegetali mediante tecniche cromatografiche
  - Spettroscopia NMR monodimensionale (<sup>1</sup>H, TOCSY e <sup>13</sup>C) e bidimensionale omonucleare (DQF-COSY, 2D-TOCSY, ROESY) ed eteronucleare (HSQC, HMBC) e spettrometria di massa Electrospray (ES/MS).
- Competenze informatiche**
- Ottima padronanza degli strumenti di Microsoft Office (testo, power point, excel).

Patente di guida B

## ULTERIORI INFORMAZIONI

---

### Pubblicazioni

1. Angela Perrone, Milena Masullo, Carla Bassarello, Arafa I. Hamed, Maria Antonietta Belisario, Cosimo Pizza, Sonia Piacente: Sulfated Triterpene Derivatives from *Fagonia arabica*. *Journal of Natural Products*, 2007, 70, 584-588, ISSN:0163-3864.
2. Angela Perrone, Milena Masullo, Carla Bassarello, Elena Bloise, Arafa Hamed, Patrizia Nigro, Cosimo Pizza, Sonia Piacente: Unusual cycloartane glycosides from *Astragalus eremophilus*. *Tetrahedron*, 2008, 64, 5061-5071, ISSN:0040-4020.
3. Milena Masullo, Carla Bassarello, Hisanori Suzuki, Cosimo Pizza, Sonia Piacente: Polyisoprenylated Benzophenones and an Unusual Polyisoprenylated Tetracyclic Xanthone from the Fruits of *Garcinia cambogia*: *Journal of Agricultural and Food Chemistry*, 2008, 56, 5205-5210, ISSN:0021-8561.
4. Angela Perrone, Milena Masullo, Alberto Plaza, Arafa Hamed, Sonia Piacente: Flavone and Flavonol Glycosides from *Astragalus eremophilus* and *Astragalus vogelii*. *Natural Product Communications*, 2009, 4, 77-82, ISSN:1934-578X.
5. Sonia Piacente, Milena Masullo, Nancy De Nève, Janique Dewelle, Arafa Hamed, Robert Kiss, Tatjana Mijatovic: New cardenolides from *Pergularia tomentosa* display marked in vitro anticancer activity resulting from their potent inhibition of the Na<sup>+</sup>/K<sup>+</sup>-ATPase. *Journal of Natural Products*, 2009, 72, 1087-1091, ISSN:0163-3864.
6. Hasan Kirmizibekmez; Engin Celep, Milena Masullo, Carla Bassarello, Erdem Yesilada, Sonia Piacente: Phenylethyl Glycosides from *Digitalis lanata*. *Helvetica Chimica Acta*, 2009, 92, 1845-1852, ISSN:0018-019X.
7. Joanna Kolodziejczyk, Milena Masullo, Beata Olas, Sonia Piacente, Barbara Wachowicz: Effects of garcinol and guttiferone K isolated from *Garcinia cambogia* on oxidative/nitrative modifications in blood platelets and plasma. *Platelets*, 2009, 20, 487-492.
8. Milena Masullo, Carla Bassarello, Giuseppe Bifulco, Sonia Piacente: Polyisoprenylated benzophenone derivatives from the fruits of *Garcinia cambogia* and their absolute configuration by quantum chemical circular dichroism calculations. *Tetrahedron*, 2010, 66, 139-145, ISSN:0040-4020.
9. Derya Guelcernal, Milena Masullo, Ozgen Alankus-Caliskan, Tamer Karayildirim, Serdar G Senol, Sonia Piacente, Erdal Bedir: Monoterpenoid glucoindole alkaloids and iridoids from *Pterocephalus pinardii*. *Magnetic Resonance in Chemistry*, 2010, 48, 239-243, ISSN:0749-1581.
10. Omer Koz, Erdal Bedir, Milena Masullo, Ozgen Alankus-Caliskan, Sonia Piacente: Triterpene glycosides from *Agrostemma gracilis*. *Phytochemistry*, 2010, 71, 663-668, ISSN:0031-9422.
11. Alberto Plaza, Giuseppe Bifulco, Milena Masullo, John R. Lloyd, Jessica L. Keffer, Patrick L. Colin, John N. A. Hooper, Lori J. Bell, Carole A. Bewley: Mutremdamide A and Koshikamides C-H, peptide inhibitors of HIV-1 entry from different *Theonella* species. *Journal of Organic Chemistry*, 2010, 75, 4344-4355, ISSN:0022-3263.
12. Mehrdad, Iranshahi, Milena Masullo, Ali Asili, Ali Hamedzadeh, Bentolhoda Jahanbin, Michela Festa, Anna Capasso, Sonia Piacente: Sesquiterpene coumarins from *Ferula gumosa*. *Journal of Natural Products*, 2010, 73, 1958-1962, ISSN:0163-3864.

13. Mariana Pacifico, Assunta Napolitano, Milena Masullo, Felipe Hilario, Wagner Vilegas, Sonia Piacente, Lourdes Campaner dos Santos: Metabolite fingerprint of "capim dourado" (*Syngonanthus nitens*), a basis of Brazilian handcrafts. *Industrial Crops and Products*, 2011, 33, 488-496, ISSN:0926-6690.
14. Michela Festa, Anna Capasso, Cosimo W. D'Acunto, Milena Masullo, Adriano G. Rossi, Cosimo Pizza, Sonia Piacente: Xanthohumol Induces Apoptosis in Human Malignant Glioblastoma Cells by Increasing Reactive Oxygen Species and Activating MAPK Pathways. *Journal of Natural Products* 2011, 74, 2505-2513, ISSN:0163-3864.
15. Barbara Szajwaj, Jaroslaw Moldoch, Milena Masullo, Sonia Piacente, Wieslaw Oleszek, Anna Stochmal: Amides and esters of phenylpropenoic acids from the aerial parts of *Trifolium pallidum*. *Natural Product Communications* 2011, 6, 1293-1296, ISSN:1934-578X.
16. Arafa I. Hamed, Milena Masullo, Mohamed G. Sheded, Usama A. Mahalel, Moatz M. Tawfik, Angela Perrone, Sonia Piacente: Triterpene saponins from *Salsola imbricata*. *Phytochemistry Letters*, 2011, 4, 353-356, ISSN:1874-3900.
17. Jaroslaw Moldoch, Barbara Szajwaj, Milena Masullo, Lukasz Pecio, Wieslaw Oleszek, Sonia Piacente, Anna Stochmal: Phenolic constituents of *Knautia arvensis* aerial parts. *Natural Product Communications* 2011, 6, 1627-1630, ISSN:1934-578X.
18. Hasan Kirmizibekmez, Etil Ariburnu, Milena Masullo, Michela Festa, Anna Capasso, Erdem Yesilada, Sonia Piacente: Iridoid, phenylethanoid and flavonoid glycosides from *Sideritis trojana*. *Fitoterapia*, 2012, 83, 130-136, ISSN:0367-326X.
19. Fabiano Pereira do Amaral; Assunta Napolitano, Milena Masullo, Lourdes Campaner dos Santos, Michela Festa, Wagner Vilegas, Cosimo Pizza, Sonia Piacente: HPLC-ESI/MSn Profiling, isolation, structural elucidation, and evaluation of the antioxidant potential of phenolics from *Paepalanthus geniculatus*. *Journal of Natural Products* 2012, 75, 547-556, ISSN:0163-3864.
20. Hilal Altunkeyik, Derya Gulcemal, Milena Masullo, Ozgen Alankus-Caliskan, Sonia Piacente, Tamer Karayildirim: Triterpene saponins from *Cyclamen hederifolium*. *Phytochemistry*, 2012, 73, 127-133, ISSN:0031-9422.
21. Derya Gulcemal, Milena Masullo, Erdal Bedir, Michela Festa, Tamer Karayildirim, Ozgen Alankus-Caliskan, Sonia Piacente: Triterpene glycosides from *Astragalus angustifolius*, *Planta Medica* 2012, 78, 720-9, ISSN:0032-0943.
22. Gianluigi Lauro, Milena Masullo, Sonia Piacente, Raffaele Riccio, Giuseppe Bifulco: Inverse Virtual Screening allows the discovery of the biological activity of natural compounds. *Bioorganic & Medicinal Chemistry*, 2012, 20, 3596-3602, ISSN:0968-0896.
23. Ibrahim Horo, Erdal Bedir, Milena Masullo, Sonia Piacente, Fevzi Ozgokce, Ozgen Alankus-Caliskan: Saponins from *Astragalus hareftae* (NAB.) SIRJ. *Phytochemistry*, 2012, 84, 147-153, ISSN:0031-9422.
24. Tahir Savran, Derya Gulcemal, Milena Masullo, Tamer Karayildirim, Emre Polat, Sonia Piacente, Ozgen Alankus-Caliskan: Cycloartane glycosides from *Astragalus erinaceus*. *Records of Natural Products*, 2012, 6, 230-236, ISSN:1307-6167.
25. Lukasz Pecio, Dariusz Jedrejek, Milena Masullo, Sonia Piacente, Wieslaw Oleszek, Stochmal, Anna: Revised structures of avenacosides A and B and a new sulfated saponin from *Avena sativa* L.. *Magnetic Resonance in Chemistry* 2012, 50, 755-758, ISSN:0749-1581.
26. Paola Montoro, Hassen Teyeb, Milena Masullo, Angela Mari, Wahiba Douki, Sonia Piacente: LC-ESI-MS quali-quantitative determination of phenolic constituents in different parts of wild and cultivated *Astragalus gombiformis*. *Journal of Pharmaceutical and Biomedical Analysis*, 2013, 72, 89-98, ISSN:0731-7085.
27. Derya Gulcemal, Milena Masullo, Assunta Napolitano, Tamer Karayildirim, Erdal Bedir, Ozgen Alankus-Caliskan, Sonia Piacente: Oleanane glycosides from *Astragalus tauricolus*: Isolation and structural elucidation based on a preliminary liquid chromatography-electrospray ionization tandem mass spectrometry profiling. *Phytochemistry*, 2013, 86, 184-194, ISSN:0031-9422.
28. Iwona Kowalska, Dariusz Jedrejek, Lukasz Ciesla, Lukasz Pecio, Milena Masullo, Sonia Piacente, Wieslaw Oleszek, Anna Stochmal: Isolation, Chemical and Free Radical Scavenging Characterization of Phenolics from *Trifolium scabrum* L. Aerial Parts. *Journal of Agricultural and Food Chemistry* 2013, 61, 4417-4423, ISSN:0021-8561.
29. Sylwia Pawelec, Dariusz Jedrejek, Mariusz Kowalczyk, Lukasz Pecio, Milena Masullo, Sonia Piacente, Francisco A. Macias, Ana M. Simonet, Wieslaw Oleszek, Anna Stochmal: Triterpene saponins from the aerial parts of *Trifolium medium* L. var. *sarosiense*. *Journal of Agricultural and Food Chemistry* 2013, 61, 9789-9796, ISSN:0021-8561.


30. Didem Sohretoglu, Milena Masullo, Sonia Piacente, Hasan Kirmizibekmez: Iridoids, monoterpenoid glucoindole alkaloids and flavonoids from *Vinca major*. *Biochemical Systematics and Ecology* 2013, 49, 69-72, ISSN:0305-1978.
31. Hela Kallel Sellami, Assunta Napolitano, Milena Masullo, Samira Smiti, Sonia Piacente, Cosimo Pizza: Influence of growing conditions on metabolite profile of *Ammi visnaga* umbels with special reference to bioactive furanochromones and pyranocoumarins. *Phytochemistry* 2013, 95, 197–206, ISSN:0031-9422.
32. Nilüfer Denizli, Ibrahim Horo, Derya Gülcemal, Milena Masullo, Michela Festa, Anna Capasso, Ömer Koz, Sonia Piacente, Özgen Alankuş-Çalışkan: Cycloartane glycosides from *Astragalus plumosus* var. *krugianus* and evaluation of their antioxidant potential. *Fitoterapia*, 2014, 92, 211-218, ISSN:0367-326X.
33. Derya Gülcemal, Milena Masullo, Ozgen Alankuş-Çalışkan, Sonia Piacente: Oleanane type glycosides from *Paronychia anatolica* subsp. *Balansae*. *Fitoterapia*, 2014, 92, 274-279, ISSN:0367-326X.
34. Jamal Kasaian, Milad Iranshahy, Milena Masullo, Sonia Piacente, Fatemeh Ebrahimi, Mehrdad Iranshahi: Sesquiterpene lactones from *Ferula oopoda* and their cytotoxic properties. *Journal of Asian Natural Products Research*, 2014, 16, 248–253, ISSN:1028-6020.
35. Milena Masullo, Marta Menegazzi, Simone Di Micco, Pascale Befly, Giuseppe Bifulco, Martina Dal Bosco, Michela Novelli, Cosimo Pizza, Pellegrino Masiello, Sonia Piacente: Direct interaction of garcinol and related polyisoprenylated benzophenones of *Garcinia cambogia* fruits with the transcription factor STAT-1 as a likely mechanism of their inhibitory effect on cytokine signaling pathways. *Journal of Natural Products* 2014, 77, 543-549, ISSN:0163-3864.
36. Arafa I. Hamed, Milena Masullo, Lukasz Pecio, Dario Gallotta, Usama A. Mahalel, Sylwia Pawelec, Anna Stochmal, Sonia Piacente: Unusual fernane and gammacerane glycosides from the aerial parts of *Spergula fallax*. *Journal of Natural Products* 2014, 77, 657-662, ISSN:0163-3864.
37. Milena Masullo, Lalita Calabria, Dario Gallotta, Cosimo Pizza, Sonia Piacente: Saponins with highly hydroxylated oleanane-type aglycones from *Silphium asteriscus* L.. *Phytochemistry*, 2014, 97, 70-80, ISSN:0031-9422.
38. Angela Mari, Assunta Napolitano, Milena Masullo, Cosimo Pizza, Sonia Piacente: Identification and quantitative determination of the polar constituents in *Helichrysum italicum* flowers and derived food supplements. *Journal of Pharmaceutical and Biomedical Analysis* 2014, 96, 249-255, ISSN:0731-7085.
39. Hasan Kirmizibekmez, Milena Masullo, Michela Festa, Anna Capasso, Sonia Piacente: Steroidal glycosides with antiproliferative activities from *Digitalis trojana*. *Phytotherapy Research* 2014, 28, 534-538, ISSN:0951-418X.
40. Mariusz Kowalczyk, Milena Masullo, Barbara Thiem, Sonia Piacente, Anna Stochmal, Wieslaw Oleszek: Three new triterpene saponins from roots of *Eryngium planum*. *Natural Product Research* 2014, 28, 653-660, ISSN:1478-6419.
41. Gokhan Senel, Derya Gulcemal, Milena Masullo, Sonia Piacente, Tamer Karayildirim: Oleanane-Type Glycosides from *Tremastelma palaestinum* (L.) Janchen. *Chemistry & Biodiversity* 2014, 11, 408-418, ISSN:1612-1872.
42. Derya Gülcemal, Milena Masullo, Serdar Gökhan Senol, Özgen Alankuş-Çalışkan, Sonia Piacente: Saponins from *Cephalaria aristata* C. Koch. *Records of Natural Products* 2014, 8, 228-233, EISSN:1307-6167
43. Hasan Kirmizibekmez, Hilal Bardakçı, Milena Masullo, Özge Kamburoğlu, Gonca Eryılmaz, Galip Akaydin, Erdem Yeşilada, Sonia Piacente, Flavonol Glycosides and Iridoids from *Asperula lilaciflora*. *Fitoterapia* 2014, 97, 1571–1576, ISSN:0367-326X.
44. Angela Mari, Assunta Napolitano, Milena Masullo, Cosimo Pizza, Sonia Piacente, Identification and quantitative determination of the polar constituents in *Helichrysum italicum* flowers and derived food supplements. *Journal of Pharmaceutical and Biomedical Analysis* 2014, 96, 249–255, ISSN:0731-7085.
45. Milena Masullo, Antonietta Cerulli, Beata Olas, Cosimo Pizza, Sonia Piacente, Giffonins A-I, antioxidant cyclized diarylheptanoids from the leaves of the hazelnut tree (*Corylus avellana*), Source of the Italian PGI Product "Nocciola di Giffoni". *Journal of Natural Products* 2015, 78, 17-25, ISSN:0163-3864.

## Curriculum vitae

### PERSONAL INFORMATION

**Milena Masullo**

 Via Pompei SNC, Pontecagnano (SA), 84084, Italia

 (+39) 3478270437

 mmasullo@unisa.it

Sex Female | Date of birth 30/09/1981 | Nationality Italian

### STUDIES APPLIED FOR

**Pharmacy**

### EDUCATION AND TRAINING

23/02/2009 **PhD in Pharmaceutical Science**

PhD in Pharmaceutical Science, Department of Pharmacy, University of Salerno, Fisciano (Italy) with a project entitled "Chemical investigation of medicinal plants aimed to discovery of metabolites with antiproliferative properties"

22/07/2010 **Master in "Hydrology and Thermal Medicine and Sports"**

28/10/2005 **Degree in Pharmacy**

University of Salerno, Fisciano (Italy)

### PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Job-related skills

- Excellent skills in extraction of plant material.
- Excellent skills in the purification of extracts by different chromatographic techniques.
- Excellent skills in NMR spectroscopy 1D- (1H, TOCSY e 13C) and 2D (DQF-COSY, 2D-TOCSY, ROESY, HSQC, HMBC) and ES/MS.

Computer skills - Excellent knowledge of Microsoft Office tools (text, power point, excel).

-

Driving licence B

## ADDITIONAL INFORMATION

### Publications

1. Angela Perrone, Milena Masullo, Carla Bassarello, Arafa I. Hamed, Maria Antonietta Belisario, Cosimo Pizza, Sonia Piacente: Sulfated Triterpene Derivatives from *Fagonia arabica*. *Journal of Natural Products*, 2007, 70, 584-588, ISSN:0163-3864.
2. Angela Perrone, Milena Masullo, Carla Bassarello, Elena Bloise, Arafa Hamed, Patrizia Nigro, Cosimo Pizza, Sonia Piacente: Unusual cycloartane glycosides from *Astragalus eremophilus*. *Tetrahedron*, 2008, 64, 5061-5071, ISSN:0040-4020.
3. Milena Masullo, Carla Bassarello, Hisanori Suzuki, Cosimo Pizza, Sonia Piacente: Polyisoprenylated Benzophenones and an Unusual Polyisoprenylated Tetracyclic Xanthone from the Fruits of *Garcinia cambogia*: *Journal of Agricultural and Food Chemistry*, 2008, 56, 5205-5210, ISSN:0021-8561.
4. Angela Perrone, Milena Masullo, Alberto Plaza, Arafa Hamed, Sonia Piacente: Flavone and Flavonol Glycosides from *Astragalus eremophilus* and *Astragalus vogelii*. *Natural Product Communications*, 2009, 4, 77-82, ISSN:1934-578X.
5. Sonia Piacente, Milena Masullo, Nancy De Nève, Janique Dewelle, Arafa Hamed, Robert Kiss, Tatjana Mijatovic: New cardenolides from *Pergularia tomentosa* display marked in vitro anticancer activity resulting from their potent inhibition of the Na<sup>+</sup>/K<sup>+</sup>-ATPase. *Journal of Natural Products*, 2009, 72, 1087-1091, ISSN:0163-3864.
6. Hasan Kirmizibekmez; Engin Celep, Milena Masullo, Carla Bassarello, Erdem Yesilada, Sonia Piacente: Phenylethyl Glycosides from *Digitalis lanata*. *Helvetica Chimica Acta*, 2009, 92, 1845-1852, ISSN:0018-019X.
7. Joanna Kolodziejczyk, Milena Masullo, Beata Olas, Sonia Piacente, Barbara Wachowicz: Effects of garcinol and guttiferone K isolated from *Garcinia cambogia* on oxidative/nitrative modifications in blood platelets and plasma. *Platelets*, 2009, 20, 487-492.
8. Milena Masullo, Carla Bassarello, Giuseppe Bifulco, Sonia Piacente: Polyisoprenylated benzophenone derivatives from the fruits of *Garcinia cambogia* and their absolute configuration by quantum chemical circular dichroism calculations. *Tetrahedron*, 2010, 66, 139-145, ISSN:0040-4020.
9. Derya Guelcemal, Milena Masullo, Ozgen Alankus-Caliskan, Tamer Karayildirim, Serdar G Senol, Sonia Piacente, Erdal Bedir: Monoterpenoid glucoindole alkaloids and iridoids from *Pterocephalus pinardii*. *Magnetic Resonance in Chemistry*, 2010, 48, 239-243, ISSN:0749-1581.
10. Omer Koz, Erdal Bedir, Milena Masullo, Ozgen Alankus-Caliskan, Sonia Piacente: Triterpene glycosides from *Agrostemma gracilis*. *Phytochemistry*, 2010, 71, 663-668, ISSN:0031-9422.
11. Alberto Plaza, Giuseppe Bifulco, Milena Masullo, John R. Lloyd, Jessica L. Keffer, Patrick L. Colin, John N. A. Hooper, Lori J. Bell, Carole A. Bewley: Mutremdamide A and Koshikamides C-H, peptide inhibitors of HIV-1 entry from different *Theonella* species. *Journal of Organic Chemistry*, 2010, 75, 4344-4355, ISSN:0022-3263.
12. Mehrdad, Iranshahi, Milena Masullo, Ali Asili, Ali Hamedzadeh, Bentolhoda Jahanbin, Michela Festa, Anna Capasso, Sonia Piacente: Sesquiterpene coumarins from *Ferula gumosa*. *Journal of Natural Products*, 2010, 73, 1958-1962, ISSN:0163-3864.
13. Mariana Pacifico, Assunta Napolitano, Milena Masullo, Felipe Hilario, Wagner Vilegas, Sonia Piacente, Lourdes Campaner dos Santos: Metabolite fingerprint of "capim dourado" (*Syngonanthus nitens*), a basis of Brazilian handicrafts. *Industrial Crops and Products*, 2011, 33, 488-496, ISSN:0926-6690.
14. Michela Festa, Anna Capasso, Cosimo W. D'Acunto, Milena Masullo, Adriano G. Rossi, Cosimo Pizza, Sonia Piacente: Xanthohumol Induces Apoptosis in Human Malignant Glioblastoma Cells by Increasing Reactive Oxygen Species and Activating MAPK Pathways. *Journal of Natural Products* 2011, 74, 2505-2513, ISSN:0163-3864.
15. Barbara Szajwaj, Jaroslaw Moldoch, Milena Masullo, Sonia Piacente, Wieslaw Oleszek,

Anna Stochmal: Amides and esters of phenylpropenoic acids from the aerial parts of *Trifolium pallidum*. *Natural Product Communications* 2011, 6, 1293-1296, ISSN:1934-578X.

16. Arafa I. Hamed, Milena Masullo, Mohamed G. Sheded, Usama A. Mahalel, Moatz M. Tawfik, Angela Perrone, Sonia Piacente: Triterpene saponins from *Salsola imbricata*. *Phytochemistry Letters*, 2011, 4, 353-356, ISSN:1874-3900.

17. Jaroslaw Moldoch, Barbara Szajwaj, Milena Masullo, Lukasz Pecio, Wieslaw Oleszek, Sonia Piacente, Anna Stochmal: Phenolic constituents of *Knautia arvensis* aerial parts. *Natural Product Communications* 2011, 6, 1627-1630, ISSN:1934-578X.

18. Hasan Kirmizibekmez, Etil Ariburnu, Milena Masullo, Michela Festa, Anna Capasso, Erdem Yesilada, Sonia Piacente: Iridoid, phenylethanoid and flavonoid glycosides from *Sideritis trojana*. *Fitoterapia*, 2012, 83, 130-136, ISSN:0367-326X.

19. Fabiano Pereira do Amaral; Assunta Napolitano, Milena Masullo, Lourdes Campaner dos Santos, Michela Festa, Wagner Vilegas, Cosimo Pizza, Sonia Piacente: HPLC-ESI/MS<sup>n</sup> Profiling, isolation, structural elucidation, and evaluation of the antioxidant potential of phenolics from *Paepalanthus geniculatus*. *Journal of Natural Products* 2012, 75, 547-556, ISSN:0163-3864.

20. Hilal Altunkeyik, Derya Gulcemal, Milena Masullo, Ozgen Alankus-Caliskan, Sonia Piacente, Tamer Karayildirim: Triterpene saponins from *Cyclamen hederifolium*. *Phytochemistry*, 2012, 73, 127-133, ISSN:0031-9422.

21. Derya Gulcemal, Milena Masullo, Erdal Bedir, Michela Festa, Tamer Karayildirim, Ozgen Alankus-Caliskan, Sonia Piacente: Triterpene glycosides from *Astragalus angustifolius*, *Planta Medica* 2012, 78, 720-9, ISSN:0032-0943.

22. Gianluigi Lauro, Milena Masullo, Sonia Piacente, Raffaele Riccio, Giuseppe Bifulco: Inverse Virtual Screening allows the discovery of the biological activity of natural compounds. *Bioorganic & Medicinal Chemistry*, 2012, 20, 3596-3602, ISSN:0968-0896.

23. Ibrahim Horo, Erdal Bedir, Milena Masullo, Sonia Piacente, Fevzi Ozgokce, Ozgen Alankus-Caliskan: Saponins from *Astragalus hareftae* (NAB.) SIRJ. *Phytochemistry*, 2012, 84, 147-153, ISSN:0031-9422.

24. Tahir Savran, Derya Gulcemal, Milena Masullo, Tamer Karayildirim, Emre Polat, Sonia Piacente, Ozgen Alankus-Caliskan: Cycloartane glycosides from *Astragalus erinaceus*. *Records of Natural Products*, 2012, 6, 230-236, ISSN:1307-6167.

25. Lukasz Pecio, Dariusz Jedrejek, Milena Masullo, Sonia Piacente, Wieslaw Oleszek, Stochmal, Anna: Revised structures of avenacosides A and B and a new sulfated saponin from *Avena sativa* L.. *Magnetic Resonance in Chemistry* 2012, 50, 755-758, ISSN:0749-1581.

26. Paola Montoro, Hassen Teyeb, Milena Masullo, Angela Mari, Wahiba Douki, Sonia Piacente: LC-ESI-MS quali-quantitative determination of phenolic constituents in different parts of wild and cultivated *Astragalus gombiformis*. *Journal of Pharmaceutical and Biomedical Analysis*, 2013, 72, 89-98, ISSN:0731-7085.

27. Derya Gulcemal, Milena Masullo, Assunta Napolitano, Tamer Karayildirim, Erdal Bedir, Ozgen Alankus-Caliskan, Sonia Piacente: Oleanane glycosides from *Astragalus tauricolus*: Isolation and structural elucidation based on a preliminary liquid chromatography-electrospray ionization tandem mass spectrometry profiling. *Phytochemistry*, 2013, 86, 184-194, ISSN:0031-9422.

28. Iwona Kowalska, Dariusz Jedrejek, Lukasz Ciesla, Lukasz Pecio, Milena Masullo, Sonia Piacente, Wieslaw Oleszek, Anna Stochmal: Isolation, Chemical and Free Radical Scavenging Characterization of Phenolics from *Trifolium scabrum* L. Aerial Parts. *Journal of Agricultural and Food Chemistry* 2013, 61, 4417-4423, ISSN:0021-8561.

29. Sylwia Pawelec, Dariusz Jedrejek, Mariusz Kowalczyk, Lukasz Pecio, Milena Masullo, Sonia Piacente, Francisco A. Macias, Ana M. Simonet, Wieslaw Oleszek, Anna Stochmal: Triterpene saponins from the aerial parts of *Trifolium medium* L. var. *sarosiense*. *Journal of Agricultural and Food Chemistry* 2013, 61, 9789-9796, ISSN:0021-8561.

30. Didem Sohretoglu, Milena Masullo, Sonia Piacente, Hasan Kirmizibekmez: Iridoids, monoterpenoid glucoindole alkaloids and flavonoids from *Vinca major*. *Biochemical Systematics and Ecology* 2013, 49, 69-72, ISSN:0305-1978.

31. Hela Kallel Sellami, Assunta Napolitano, Milena Masullo, Samira Smiti, Sonia Piacente, Cosimo Pizza: Influence of growing conditions on metabolite profile of *Ammi visnaga* umbels with special reference to bioactive furanochromones and pyranocoumarins. *Phytochemistry* 2013, 95, 197-206, ISSN:0031-9422.

32. Nilüfer Denizli, Ibrahim Horo, Derya Gulcemal, Milena Masullo, Michela Festa, Anna Capasso, Ömer Koz, Sonia Piacente, Özgen Alankuş-Çalışkan: Cycloartane glycosides from

*Astragalus plumosus* var. *krugianus* and evaluation of their antioxidant potential. *Fitoterapia*, 2014, 92, 211-218, ISSN:0367-326X.

33. Derya Gülcemal, Milena Masullo, Ozgen Alankuş-Çalışkan, Sonia Piacente: Oleanane type glycosides from *Paronychia anatolica* subsp. *Balansae*. *Fitoterapia*, 2014, 92, 274-279, ISSN:0367-326X.

34. Jamal Kasaian, Milad Iranshahy, Milena Masullo, Sonia Piacente, Fatemeh Ebrahimi, Mehrdad Iranshahi: Sesquiterpene lactones from *Ferula oopoda* and their cytotoxic properties. *Journal of Asian Natural Products Research*, 2014, 16, 248–253, ISSN:1028-6020.

35. Milena Masullo, Marta Menegazzi, Simone Di Micco, Pascale Befly, Giuseppe Bifulco, Martina Dal Bosco, Michela Novelli, Cosimo Pizza, Pellegrino Masiello, Sonia Piacente: Direct interaction of garcinol and related polyisoprenylated benzophenones of *Garcinia cambogia* fruits with the transcription factor STAT-1 as a likely mechanism of their inhibitory effect on cytokine signaling pathways. *Journal of Natural Products* 2014, 77, 543-549, ISSN:0163-3864.

36. Arafa I. Hamed, Milena Masullo, Lukasz Pecio, Dario Gallotta, Usama A. Mahalel, Sylwia Pawelec, Anna Stochmal, Sonia Piacente: Unusual fernane and gammacerane glycosides from the aerial parts of *Spergula fallax*. *Journal of Natural Products* 2014, 77, 657-662, ISSN:0163-3864.

37. Milena Masullo, Lalita Calabria, Dario Gallotta, Cosimo Pizza, Sonia Piacente: Saponins with highly hydroxylated oleanane-type aglycones from *Silphium asteriscus* L.. *Phytochemistry*, 2014, 97, 70-80, ISSN:0031-9422.

38. Angela Mari, Assunta Napolitano, Milena Masullo, Cosimo Pizza, Sonia Piacente: Identification and quantitative determination of the polar constituents in *Helichrysum italicum* flowers and derived food supplements. *Journal of Pharmaceutical and Biomedical Analysis* 2014, 96, 249-255, ISSN:0731-7085.

39. Hasan Kirmizibekmez, Milena Masullo, Michela Festa, Anna Capasso, Sonia Piacente: Steroidal glycosides with antiproliferative activities from *Digitalis trojana*. *Phytotherapy Research* 2014, 28, 534-538, ISSN:0951-418X.

40. Mariusz Kowalczyk, Milena Masullo, Barbara Thiem, Sonia Piacente, Anna Stochmal, Wieslaw Oleszek: Three new triterpene saponins from roots of *Eryngium planum*. *Natural Product Research* 2014, 28, 653-660, ISSN:1478-6419.

41. Gokhan Senel, Derya Gulcemal, Milena Masullo, Sonia Piacente, Tamer Karayildirim: Oleanane-Type Glycosides from *Tremastelma palaestinum* (L.) Janchen. *Chemistry & Biodiversity* 2014, 11, 408-418, ISSN:1612-1872.

42. Derya Gülcemal, Milena Masullo, Serdar Gökhan Senol, Özgen Alankuş-Çalışkan, Sonia Piacente: Saponins from *Cephalaria aristata* C. Koch. *Records of Natural Products* 2014, 8, 228-233, EISSN:1307-6167

43. Hasan Kirmizibekmez, Hilal Bardakçı, Milena Masullo, Özge Kamburoğlu, Gonca Eryılmaz, Galip Akaydın, Erdem Yeşilada, Sonia Piacente, Flavonol Glycosides and Iridoids from *Asperula lilaciflora*. *Fitoterapia* 2014, 97, 1571–1576, ISSN:0367-326X.

44. Angela Mari, Assunta Napolitano, Milena Masullo, Cosimo Pizza, Sonia Piacente, Identification and quantitative determination of the polar constituents in *Helichrysum italicum* flowers and derived food supplements. *Journal of Pharmaceutical and Biomedical Analysis* 2014, 96, 249–255, ISSN:0731-7085.

45. Milena Masullo, Antonietta Cerulli, Beata Olas, Cosimo Pizza, Sonia Piacente, Giffonins A-I, antioxidant cyclized diarylheptanoids from the leaves of the hazelnut tree (*Corylus avellana*), Source of the Italian PGI Product "Nocciola di Giffoni". *Journal of Natural Products* 2015, 78, 17-25, ISSN:0163-3864.