

Work experience	
(a)	
- Dates	From September 2016 to 2019.
- Occupation or position held	Lecturer of Pharmacognosy, PhD (Italy).
	(Part time).
Main activities and	Teaching (Academic staff member).
responsibilities	
Name and address of	Faculty of Pharmacy, University of Sinai (Kantara branch), East
employer	Kantara – El Ismailia – Egypt.
Type of business or sector	Pharmacy.
(b)	
- Dates	From October 2015 to now.
- Occupation or position held	Lecturer of Pharmacognosy and Phytochemistry, PhD (Italy).
	(Full time).
Main activities and	Teaching and Research (Academic staff member).
responsibilities	
Name and address of	Faculty of Pharmacy, University of Zagazig, 44519 Zagazig,
employer  Type of hyginess or sector	Egypt.
Type of business or sector (c)	Pharmacy.
- Dates	From May 2012 to June 2015.
- Occupation or position held	PhD student in Pharmaceutical Sciences (Italy).
- Main activities	Research.
- Name and address of	School of Pharmacy, University of Camerino, 62032 Camerino,
employer	Italy.
- Type of business or sector	Pharmacy (Food Chemistry, Pharmacognosy, Phytochemistry,
	Analytical Chemistry).
(d)	
- Dates	From 2004 to October 2015.
- Occupation or position held	Instructor (2004-2011), then Assistant lecturer (2011-2015) of
	Pharmacognosy and Phytochemistry.
	Teaching and Research (Academic staff member).



responsibilities	
Name and address of	Faculty of Pharmacy, University of Zagazig, 44519 Zagazig,
employer	Egypt.
Type of business or sector	Pharmacognosy and Phytochemistry.

Education and training	
(a)	
- Dates	From May 2012 to June 2015.
- Title of qualification	PhD in Pharmaceutical Sciences (Pharmacognosy and
awarded	Phytochemistry) (Italy).
- Principal subjects	Theoretical and Practical Courses in HPLC (HPLC-MS; HPLC-
/occupational skills	MS/MS) and GC (GC-FID, GC/MS) of natural products.
covered	
- Name and type of	- School of Pharmacy, University of Camerino, Italy.
organisation providing	- Governmental Organization.
education and training	
(b)	
- Dates	From July 2014 to December 2014 (during PhD).
- Title of qualification	Training and research in Pharmacology and Pharmacognosy
awarded	laboratories in Turkey. (Exchange research program between Italy
	and Turkey during my PhD in Italy)
- Principal subjects	Theoretical and Practical Courses in Pharmacology and
/occupational skills	Pharmacognosy.
covered	
- Name and type of	- Faculty of Pharmacy, Anadolu University, Turkey.
organisation providing	- Governmental Organization.
education and training	
(c)	
- Dates	From 2007 to 2011
- Title of qualification	Master of Pharmaceutical Sciences (Pharmacognosy) and my
awarded	master thesis entitled "Pharmacognostical and biological studies of
	Ficus retusa L. 'variegata' grown in Egypt".



- Principal subjects	- Courses in Physical Chemistry, Mathematics & Statistics,
/occupational skills	Instrumental Analysis [Advanced Chromatography, Spectroscopy
covered	(UV, IR, MS, <sup>1</sup> H-NMR, <sup>13</sup> C-NMR)].
	- Courses in Computer Science "MS-Dos, Windows, Spss win",
	Faculty of Science, University of Zagazig.
- Name and type of	- Faculty of Pharmacy, University of Zagazig, Egypt.
organisation providing	- Governmental Organization.
education and training	
(d)	
- Dates	From 1999 to 2004
- Title of qualification	Bachelor of Pharmaceutical Sciences (Excellent with Honor
awarded	degree).
- Principal subjects	Courses in Physics, Physical Chemistry, Organic Chemistry,
/occupational skills covered	Botany, Zoology, Computer, General Pharmacognosy & Medicinal
	Plants, Pharmaceutics, Analytical Chemistry, Anatomy, Histology,
	Physiology, Mathematics, Psychology, Pharmaceutical
	Microbiology, Pharmacology, Medicinal Chemistry, Biochemistry,
	Phytochemistry, Public Health, General Pathology &
	Paracytology, Applied Pharmacognosy, Industrial Pharmacy,
	Bioassay of Drugs & Biostatistics, Toxicology & Forensic
	Chemistry.
- Name and type of	- Faculty of Pharmacy, University of Zagazig, Egypt.
organisation providing	- Governmental Organization.
education and training	
- Level in national	High level (Five years course).
classification	
Personal skills and	1. Research and Practical Skills :
	a-Extraction and isolation of active constituents from plants by
competences	different chromatographic methods.
	b-Structural elucidation of natural products using modern
	chromatographic techniques (HPLC, GLCetc.) and
	spectroscopic methods (IR,UV, MS, <sup>1</sup> H- and <sup>13</sup> C-NMR).

	c-Plant tissue culture and biotechnology.
	d- Analysis of medicinal plants and natural products using
	advanced and modern chromatographic techniques (e.g. HPLC-
	DAD, HPLC-MS, HPLC-MS/MS, GC-FID, GC-MS).
	e- Biological evaluation of medicinal plants and natural products.
	2. Teaching Experiences:
	Participated in teaching many practical and theoretical courses
	at Faculty of Pharmacy, University of Zagazig:
	Such as Botany & Medicinal Plants, Pharmacognosy-I,II,
	Phytochemistry-I,II, Applied Pharmacognosy, Phytotherapy,
	Natural products and Biotechnology.
Mother tongue	Arabic
Other language(s)	English, Italian
Self-assessment	Reading Speaking Writing
European level (*)	Excellent Very Good Excellent
Social skills and	1- A member of the General Syndicate of Egyptian
competences	Pharmacists.
competences	Pharmacists.  2- A member of Zagazig Scientific Pharmaceutical Students'
competences	
competences	2- A member of Zagazig Scientific Pharmaceutical Students'
competences	2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).
competences	<ul> <li>2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).</li> <li>3- A member of Zagazig University club of Professors.</li> </ul>
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competences	<ul> <li>2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).</li> <li>3- A member of Zagazig University club of Professors.</li> <li>4- A member of the Continuous Improvement and Qualifying for Accreditation Project (CIQAP) in the faculty of Pharmacy,</li> </ul>
competences	<ul> <li>2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).</li> <li>3- A member of Zagazig University club of Professors.</li> <li>4- A member of the Continuous Improvement and Qualifying for Accreditation Project (CIQAP) in the faculty of Pharmacy, Zagazig University.</li> </ul>
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competences	<ul> <li>2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).</li> <li>3- A member of Zagazig University club of Professors.</li> <li>4- A member of the Continuous Improvement and Qualifying for Accreditation Project (CIQAP) in the faculty of Pharmacy, Zagazig University.</li> <li>5- A member of the quality assurance unit in the faculty of Pharmacy, Zagazig University.</li> </ul>
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competences	<ul> <li>2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).</li> <li>3- A member of Zagazig University club of Professors.</li> <li>4- A member of the Continuous Improvement and Qualifying for Accreditation Project (CIQAP) in the faculty of Pharmacy, Zagazig University.</li> <li>5- A member of the quality assurance unit in the faculty of Pharmacy, Zagazig University.</li> <li>6- Coordinator of education and learning standard, faculty of Pharmacy, Zagazig University.</li> </ul>
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competences	<ul> <li>2- A member of Zagazig Scientific Pharmaceutical Students' Association (ZSPSA).</li> <li>3- A member of Zagazig University club of Professors.</li> <li>4- A member of the Continuous Improvement and Qualifying for Accreditation Project (CIQAP) in the faculty of Pharmacy, Zagazig University.</li> <li>5- A member of the quality assurance unit in the faculty of Pharmacy, Zagazig University.</li> <li>6- Coordinator of education and learning standard, faculty of Pharmacy, Zagazig University.</li> <li>7- Chancellor of Sport Committee of the faculty of Pharmacy, Zagazig University.</li> <li>8- A member of Pharmacognosy Department Council at the faculty of Pharmacy, Zagazig University.</li> </ul>
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	(America).
	11- A member of the <b>scientific committee</b> of "IV International
	Congress for Applied Biological Sciences", Faculty of Pharmacy,
	Anadolu University, Eskişehir, Turkey; May 3-5, 2018.
	(http://www.icabs.gen.tr/)
	12- An External Examiner for bachelor oral exams for
	pharmacy students in many Egyptian universities e.g. Sinai, Tanta,
	Helwan, ElAzhar, Assiut universities etc.
	13- Safety and Security Coordinator in Pharmacognosy dept.,
	faculty of Pharmacy, Zagazig University.
Technical skills and	- UV spectrophotometer.
	- High performance liquid chromatography (HPLC-DAD, HPLC-
competences	MS, HPLC-MS/MS).
	- Gas chromatography (GC-FID, GC-MS).
Computer skills and	- Many courses in Computer Science "MS-Dos, Windows,
-	Microsoft office (Word, Excel, Access, Powerpoint).
competences	- ICDL license.
	- Scientific programs such as Spss windows, chemoffice
	(chemDraw)etc.
Driving licence	Yes
Publications	1. Sarg, T.M.; Abbas, F.A; El Sayed, Z.I. & Mustafa, A.M.
PUBLICATIONS	(2010). Macro- and Micromorphological Study of The Leaf,
	Stem and Root of <i>Ficus retusa</i> L.'variegata'. <i>Mansoura</i>
	Journal of Pharmaceutical Sciences (MJPS), 26 (2), 1-10.
	2. Sarg, T.M.; Abbas, F.A; El Sayed, Z.I. & Mustafa, A.M.
	(2011). Two new polyphenolic compounds from <i>Ficus retusa</i>
	L. "variegata" and the biological activity of the different plant
	extracts. J. Pharmacognosy and Phytotherapy, 3(7), 89-100.
	3. <b>Mustafa, A. M.</b> , Ricciutelli, M., Maggi, F., Sagratini, G.,
	Vittori S & Caprioli G (2014) Simultangous Determination
	Vittori, S. & Caprioli, G. (2014). Simultaneous Determination of Fighteen Bioactive Compounds, in Italian Bitter Liqueurs
	of Eighteen Bioactive Compounds in Italian Bitter Liqueurs



7: 697–705.

- 4- Mustafa, A. M., Caprioli, G., Ricciutelli, M., Maggi, F., Marín, R., Vittori, S., & Sagratini G. (2015). Comparative HPLC/ESI-MS and HPLC/DAD study of different populations of cultivated, wild and commercial *Gentiana lutea* L. *Food Chemistry*, 174, 426–433.
- 5- **Mustafa, A. M.**, Caprioli, G., Maggi, F., Vittori, S., & Sagratini, G. (2016). Comparative analysis of the volatile profiles from wild, cultivated, and commercial roots of *Gentiana lutea* L. by headspace solid phase microextraction (HS–SPME) coupled to gas chromatography mass spectrometry (GC–MS). Food analytical methods, 9(2), 311-321.
- 6- **Mustafa, A. M.,** Maggi, F., Papa, F., Kaya, E., Dikmen, M., & Öztürk, Y. (2016). Isofuranodiene: A neuritogenic compound isolated from wild celery (*Smyrnium olusatrum* L., Apiaceae). Food chemistry, 192, 782-787.
- 7- Mustafa, A. M., Caprioli, G., Dikmen, M., Kaya, E., Maggi, F., Sagratini, G., .. & Öztürk, Y. (2015). Evaluation of neuritogenic activity of cultivated, wild and commercial roots of *Gentiana lutea* L. Journal of Functional Foods, 19, 164-173
- 8- Mustafa, A. M., Maggi, F., Öztürk, N., Öztürk, Y., Sagratini, G., Torregiani, E., ... & Caprioli, G. (2016). Chemical and biological analysis of the by-product obtained by processing *Gentiana lutea* L. and other herbs during production of bitter liqueurs. Industrial Crops and Products, 80, 131-140.
- 9-Mustafa, A. M., Maggi, F., Sagratini, G., Vittori, S., Eröz-Poyraz, I., Ozturk, N., & Ozturk, Y. (2016). ANTIOXIDANT ACTIVITIES OF METHANOLIC EXTRACTS OF CULTIVATED, WILD AND COMMERCIAL ROOTS OF GENTIANA LUTEA L: COMPARATIVE AND COLLABORATIVE STUDY. Journal of International Society of Antioxidants in Nutrition & Health, 1(1).
- 10. Mustafa, A. M., Eldahmy, S. I., Caprioli, G., Bramucci, M., Quassinti, L., Lupidi, G., ... & Maggi, F. (2020). Chemical



- composition and biological activities of the essential oil from *Pulicaria undulata* (L.) CA Mey. Growing wild in Egypt. *Natural product research*, *34*(16), 2358-236211.
- 11. Souilah, N., Bendif, H., Ullah, Z., Miara, M. D., Laib, M., Akkal, S., ... & Mustafa, A. M. (2021). LC-MS/MS Profiling of 37 Fingerprint Phytochemicals in *Oenanthe fistulosa* L. and its Biological Activities. *The Natural Products Journal*, 11(1), 63-73.
- 12. Zengin, G., Sinan, K. I., Mahomoodally, M. F., Angeloni, S., Mustafa, A. M., Vittori, S., ... & Caprioli, G. Chemical Composition, Antioxidant and Enzyme Inhibitory Properties of Different Extracts Obtained from Spent Coffee Ground and Coffee Silverskin. *Foods* 2020, 9(6), 713.
- 13. **Mustafa, A. M.**; Angeloni, S.; Nzekoue, F.K.; Abouelenein, D.; Sagratini, G.; Caprioli, G.; Torregiani, E. An Overview on Truffle Aroma and Main Volatile Compounds. *Molecules* **2020**, *25*, 5948.
- 14. Caprioli, G., Genangeli, M., **Mustafa, A. M.**, Petrelli, R., Ricciutelli, M., Sagratini, G., ... & Cortese, M. (2021). Quantification of 17 Endogenous and Exogenous Steroidal Hormones in Equine and Bovine Blood for Doping Control with UHPLC-MS/MS. *Pharmaceuticals*, 14(5), 393
- 15. Angeloni, S., **Mustafa, A. M.**, Abouelenein, D., Alessandroni, L., Acquaticci, L., Nzekoue, F. K., ... & Caprioli, G. (2021). Characterization of the Aroma Profile and Main Key Odorants of Espresso Coffee. *Molecules*, *26*(13), 3856
- 16. Abouelenein, D., Mustafa, A. M., Angeloni, S., Borsetta, G., Vittori, S., Maggi, F., ... & Caprioli, G. (2021). Influence of Freezing and Different Drying Methods on Volatile Profiles of Strawberry and Analysis of Volatile Compounds of Strawberry Commercial Jams. *Molecules*, 26(14), 4153.
- 17. Souilah N, Bendif H, Ullah Z, Hamel T, Djarri L, Öztürk M, Ertas A, Akkal S, Medjroubi K, **Mustafa AM**. LC-MS/MS simultaneous determination of 37 bioactive compounds in *Bunium crassifolium* Batt. and its biological activities. J Res Pharm. 2021; 25(4): 1-14.
- 18. **Mustafa, A. M.**, Angeloni, S., Abouelenein, D., Acquaticci, L., Xiao, J., Sagratini, G., ... & Caprioli, G. (2021). A new HPLC-MS/MS method for the simultaneous determination of 36 polyphenols in blueberry, strawberry and their commercial products and determination of antioxidant activity. Food Chemistry, 130743

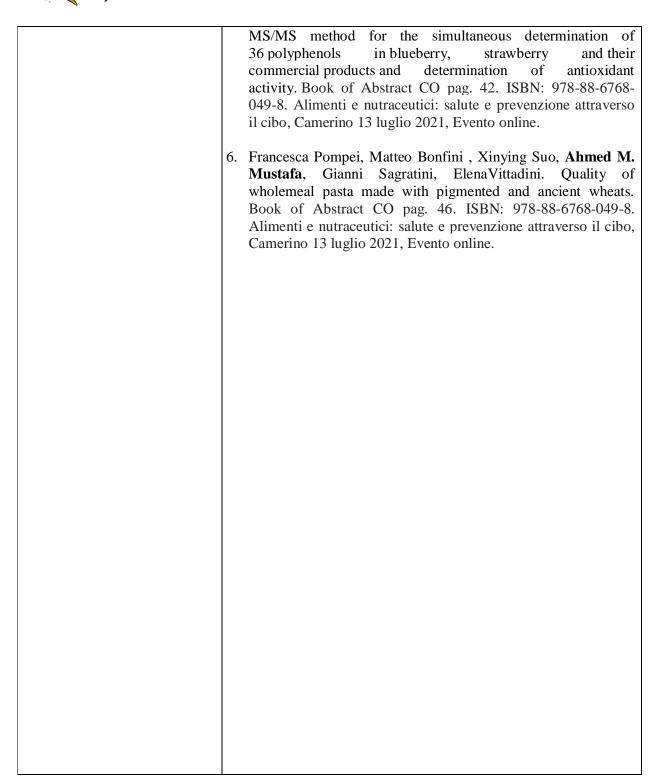


19. Mahomoodally MF, Zengin G, Sinan KI, Ak G, Sadeer NB, Angeloni S, **Mustafa AM**, Caprioli G, Maggi F, Cakilcioglu U, Kaplan A, Babacan EY, Bouyahya A, Darendelioglu E. Two medicinal plants (Alkanna trichophila and Convolvulus galaticus) from Turkey: Chemical characterization and biological perspectives. Chem Biodivers. 2021 Aug 16. doi: 10.1002/cbdv.202100356.



#### **ORAL COMMUNICATIONS**

- 1. OPTIMIZATION OF LIQUOR PRODUCTION FROM HERBS AND SEEDS: FROM THE CHARACTERIZATION OF THE PLANTS TO THE RECOVERY OF HIGH VALUABLE BIOACTIVE COMPOUNDS FROM LIQUORS INDUSTRIAL BY-PRODUCTS. (Protocol of understanding between Province of Macerata, Macerata Confindustria, Chamber of Commerce of Macerata and Unicam 2012).
- 2. Pilar Vila Donat, Giovanni Caprioli, Paolo Conti, Filippo Maggi, Ahmed M. Mustafa, Massimo Ricciutelli, Gianni Sagratini, Veronica Sirocchi, Elisabetta Torreggiani, Sauro Development of an analytical method for the Vittori. analysis of soyasaponins I E \( \beta g \) in lentils by HPLC-MS/MS triple quadrupole (SVILUPPO DI UNA METODICA ANALITICA PER L'ANALISI DI SOIASAPONINE I E Bg LENTICCHIE **MEDIANTE** NELLE HPLC-MS/MS **TRIPLO** QUADRUPOLO). **XXXII** CONVEGNO INTERREGIONALE DELLE SEZIONI TOSCANA UMBRIA MARCHE ABRUZZO, 1-2 Luglio 2013, Sesto Fiorentino (FI), com OC6, p.11, dagli atti del convegno.
- 3. Ahmed M. Mustafa, Giovanni Caprioli, Massimo Ricciutelli, Filippo Maggi, Gianni Sagratini, Sauro Vittori. Comparative Study on Different Populations of Cultivated, Wild and Commercial *Gentiana Lutea* L. By LC/ESI–MS and HPLC/DAD. 8° MS-Pharmaday, Aboca Sansepolcro, 11-13 June 2014.
- 4. G. Caprioli, F. Maggi, A. Mustafa, M. Ricciutelli, G. Sagratini, S. Vittori. Chemical evaluation of cultivated roots of *Gentiana Lutea* L. and of by-product obtained during bitter liqueurs production by using mass spectrometry. 4 MS-Food Day, 7-9 October 2015, Foggia (Italy) Book of Abstract pag 57, OR10.
- Ahmed M. Mustafa, Simone Angeloni, Doaa Abouelenein, Laura Acquaticci, Jianbo Xiao, Gianni Sagratini, Filippo Maggi, Sauro Vittori, Giovanni Caprioli. A new HPLC-



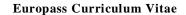


# **POSTERS**

- 1. Sarg, T.M.; Abbas, F.A; El Sayed, Z.I. and Ahmed M. Mustafa. (2011). Macro- and Micromorphological Study of The Leaf, Stem and Root of *Ficus retusa* L.'variegata'.
- 2. Ahmed M. Mustafa, Giovanni Caprioli, Manuela Cortese, Filippo Maggi, Massimo Ricciutelli. Sagratini, Veronica Sirocchi, Pilar Vila Donat, Sauro Vittori, SIMULTANEOUS DETERMINATION OF EIGHTEEN **SECOIRIDOIDS** FLAVONOIDS, ALKALOIDS, **PHENOLIC ACIDS** AND **OTHER BIOACTIVE** COMPOUNDS IN THE ITALIAN BITTER BEVERAGES BY RP-HPLC-DAD, 1-2 Luglio 2013, Sesto Fiorentino (FI), P 05, p.34, dagli atti del convegno.
- Veronica Sirocchi, Frank Devlieghere, Ahmed M. Mustafa, Nanou Peelman, Peter Ragaert, Gianni Sagratini, Pilar Vila Donat, Sauro Vittori,
   EFFETTO DELL'OLIO ESSENZIALE DI ROSMARINO COMBINATO CON DIVERSI SISTEMI DI CONFEZIONAMENTO PER ESTENEDERE LA SHELF-LIFE DELLA CARNE DI VITELLO, 1-2 Luglio 2013, Sesto Fiorentino (FI), P 29, p.58, dagli atti del convegno.
- 4. Massimo Ricciutelli, Giovanni Caprioli, Manuela Cortese, Antonietta Lombardozzi, Ahmed Mustafa, Morela Strano, Sauro Vittori, Gianni Sagratini, Simultaneous determination of Taurine, Glucuronactone and Glucuronic acid in energy drinks by UHPLC-MS/MS, 3<sup>rd</sup> MS Food Day, Trento 9-11 Octobre 2013, P 19, pag. 134-135.
- 5. <u>Ahmed M. Mustafa</u>, Giovanni Caprioli, Filippo Maggi, Caterina Minnetti, Fabrizio Papa, Massimo Ricciutelli, Sauro Vittori, Gianni Sagratini, Quantification of ascorbic acid in the neglected vegetable *Smyrnium olusatrum L.* (Apiaceae) by liquid chromatography-mass spectrometry, 3<sup>rd</sup> MS Food Day, Trento 9-11 Octobre 2013, P 32, pag. 161-162.
- 6. Veronica Sirocchi, Giovanni Caprioli, <u>Ahmed Mustafa</u>, Massimo Ricciutelli, Elisabetta Torregiani, Elisa Vittori, Sauro Vittori, Gianni Sagratini, Free fatty acids as marker for the stufy of cheese shelf life, 3° MS Food Day, Trento 9-11Octobre 2013, P 65, pag. 227-228.
- 7. Caprioli G., Cortese M., Maggi F., <u>Mustafa A.M.</u>, Ricciutelli M., Sagratini G., Sirocchi V., Torregiani E., Vila-Donat P., Vittori S. Development of an analytical method for the quantification of isoflavones in legumes by SPE-UHPLC-MS/MS. X Congresso Italiano di Chimica degli Alimenti, Firenze, 6-10 luglio 2014.



- 8. Giovanni Caprioli, Dennis Fiorini, Filippo Maggi', Ahmed Mustafa, Gianni Sagratini, Elisabetta Torregiani, Pilar Vila-Donat, Sauro Vittori. Optimization of an analytical method for the evaluation of fatty acid composition in lentils by using GC-FID. X Congresso Italiano di Chimica degli Alimenti, Firenze, 6-10 luglio 2014.
- 9. G. Sagratini, G. Caprioli, F. Maggi, A. Mustafa, M. Ricciutelli, V. Sirocchi, S. Vittori. Comparative analysis of the volatile profiles from wild, cultivated and commercial roots of gentiana lutea L. by headspace solid phase microextraction (HS–SPME) coupled to gas chromatography mass spectrometry (GC-MS). 4 MS-Food Day, 7-9 October 2015, Foggia (Italy). Book of Abstract pag 140, P5.
- 10. Nilgün Ozturk, Ilham Eröz-Poyraz, Ahmed M. Mustafa, Filippo Maggi, Gianni Sagratini, Sauro Vittori, Yusuf Ozturk. The 15th International Conference on Oxidative Stress Homeostasis and Antioxidants. Reduction, Redox ANTIOXIDANT **ACTIVITIES** OF **METHANOLIC EXTRACTS** OF CULTIVATED, WILD AND COMMERCIAL ROOTS OF GENTIANA LUTEA L. : COMPARATIVE AND COLLABORATIVE STUDY". Institut Pasteur, Paris, **France**, June 22 – 24, 2015.
- 11. **Ahmed M. Mustafa**, Massimo Ricciutelli, Filippo Maggi, Gianni Sagratini, Sauro Vittori, Giovanni Caprioli. Comparative HPLC/ESI-MS and HPLC/DAD Study of Different Populations of Cultivated/Wild and Commercial Roots of *Gentiana lutea* L. Faculty of Pharmacy conference (Zagazig University), Zagazig, Egypt, 28-10-2015.





CONFEDENCES	The First Conference of the Department of Pharmacognosy,
CONFERENCES	Faculty of Pharmacy, University of Zagazig, Egypt. (2011).
	2. XXII Conference of the Interregional, Tuscany-Umbria-
	Marche-Abruzzo of Italian Chemical Society (TUMA 2013,
	Italy). [XXII Convegno Interregionale delle Sezioni Toscana
	Umbria Marche Abruzzo della Società Chimica Italiana.]
	<b>3.</b> 3 <sup>rd</sup> MS Food Day Conference, Trento (Italy), October
	9-11, 2013.
	4. 8° MS-Pharmaday, Aboca Sansepolcro (Italy), 11-13
	June 2014.
Peer reviewer	* I reviewed 2 Manuscripts for Food Analytical Methods Journal:
	1. Mass Fragmentation Studies of α-tomatine and Validation of a
	Liquid Chromatogrtaphy LTQ-Orbitrap Mass Spectrometry
	Method for its quantification in Tomatoes. (2013)
	2. Comparative analysis of the volatile profile of 20 commercial
	samples of truffles, truffle sauces and truffle-flavored oils by
	using HS-SPMEGC- MS. (2016)
	* I reviewed 1 Manuscript for <b>Chemistry and Biodiversity</b> Journal: "Quantitative Evaluation of a Mexican and a Ghanaian Tabernaemontana Species as Alternatives to Voacanga africana for the Production of Antiaddictive Ibogan Type Alkaloids" (2020).
	* I reviewed 2 Manuscripts for "Foods" Journal: for example, "Exploitation of Agro-industrial Waste as Potential Source of Bioactive Compounds for Aquaculture", 2020.
	* I reviewed 2 Manuscripts for " <b>Plants</b> " Journal: for example, "Analysis of environmental conditions effect in phytochemical composition and antioxidant activity of potato ( <i>Solanum tuberosum</i> ) cultivars", 2020.
	* I reviewed 1 Manuscript for "Biomolecules" Journal: "In vivo and In vitro antioxidant activity of Agave sisalana agro-industrial residue", 2020.
	* I reviewed 1 Manuscript for "Food Bioscience" Journal: Influence of green extraction techniques on green coffee: Nutraceutical compositions, antioxidant potential and in vitro bio-accessibility of phenolics, 2021.
	* I reviewed 1 Manuscript for "International Journal of Food Science and Technology": An Improved Analytical Method for



	Determination of Trans-Resveratrol in Grape Skin by QuEChERS coupled with HPLCPDA-MS, 2021.
	* I was one of the <b>scientific committee</b> of "IV International Congress for Applied Biological Sciences", Faculty of Pharmacy, Anadolu University, Eskişehir, Turkey; May 3-5, 2018.
Additional	* Six training courses in "Faculty and Leadership Development
information	Center- FLDC" in Zagazig University (Egypt) which are entitled:
	1. Preparing, Writing, and Publishing a scientific paper.
	2. Thinking Skills Improvement.
	3. Using Technology in Education.
	4. How to compete for a research fund.
	5. Skills of active connection.
	6. Skills of active showing.
	* A course entitled "Basic Techniques in Cell Culture" in Medical
	Technology Center, Medical Research Institute, Alexandria
	University, Egypt.
	* Certificate of English language.
	* Certificate of Italian language.
	* ICDL Certificate.
	* Many training seminars in the school of advanced studies (SAS),
	University of Camerino - Italy:
	1. Web Training@Unicam 2013 "Social Networks, job search
	and science communication. (Dr. Carlo Vaccari, 27 th May, ,
	2012 and 17 <sup>th</sup> June, 2013).
	2. English for writing research papers. (Prof. Michael Zebrak,
	18 <sup>th</sup> , 19 <sup>th</sup> and 20 <sup>th</sup> June, 2012).
	3. Mentoring in UNICAM. (Dr. Anna Maria Eleuteri, Dr.
	Stefania Pucciarelli, Dr. Ursula Wagner, 19 <sup>th</sup> October, 2012).
	4. Web Training@Unicam 2012.(Dr.Federico Butti and
	Dr.Massimo Callisto, 16 <sup>th</sup> , 17 <sup>th</sup> , 19 <sup>th</sup> and 20 <sup>th</sup> July, 2012).
	5. European Research Area and Horizon 2020 Marie Curie
	Actions. (Dr. Carmela Di Santo, Dr. Simonetta Bernabei and
	Dr. Luca Ermini,13 <sup>th</sup> July, 2012).



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	<b>6.</b> How to work in a team. (Dr. Elena Silva, 12 <sup>th</sup> July, 2012).
	7. How to write a scientific article for the general public,
	Communication of Science to the public. (Dr. Francesco
	Petretti, 28 <sup>th</sup> June, 2012).
	<b>8.</b> I have a business idea: where to start. (Dr. Nicola Cannata, 26
	th June, 2012).
	<b>9.</b> I have a business idea: understanding the business model. (Dr.
	Nicola Cannata, 27 th June, 2012).
	10. Innovation and IPR management; Patent licensing. (Dr.
	Simona de Simone, 22 th June, 2012).
	11. "Horizon 2020: the EU Framework Programme for research
	and Innovation 2014-2020; The Priority Excellent Science and
	the European Research Council", (29 <sup>th</sup> June, 2012).
	<b>12.</b> English for writing research papers. (Prof. Michael Zebrak,
	21 <sup>st</sup> , 29 <sup>th</sup> May 2013 and 5 <sup>th</sup> , 12 <sup>th</sup> June 2013) and (20 <sup>th</sup> June,
	2012).
	2012).
Projects	- A member of a research project funded by STDF entitled: Micropropagation and Transplantation of Some Endangered Egyptian Biologically Active Medicinal Plants of Family Asteraceae.
	- Study and quantification of bioactive compounds in exhausted coffee (spent coffee) and silverskin by instrumental analytical techniques.
	1- Prof. Sauro Vittori, PhD
Referees	Professor of Food and Drug Analysis,
Referees	Former Dean of School of Pharmacy, Rector's Delegate for International Research,
	School of Pharmacy, University of Camerino, Italy
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it
	School of Pharmacy, University of Camerino, Italy
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it Phone: +390737402266  2- Prof. Samih El-Dahmy, Ph.D.
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it Phone: +390737402266  2- Prof. Samih El-Dahmy, Ph.D. Professor of Pharmacognosy and Phytochemistry
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it Phone: +390737402266  2- Prof. Samih El-Dahmy, Ph.D. Professor of Pharmacognosy and Phytochemistry Faculty of Pharmacy, University of Zagazig, Egypt.
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it Phone: +390737402266  2- Prof. Samih El-Dahmy, Ph.D. Professor of Pharmacognosy and Phytochemistry Faculty of Pharmacy, University of Zagazig, Egypt. E-mail: elsameeh@gmail.com
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it Phone: +390737402266  2- Prof. Samih El-Dahmy, Ph.D. Professor of Pharmacognosy and Phytochemistry Faculty of Pharmacy, University of Zagazig, Egypt. E-mail: elsameeh@gmail.com  3- Prof. Yusuf Öztürk
	School of Pharmacy, University of Camerino, Italy E-mail: sauro.vittori@unicam.it Phone: +390737402266  2- Prof. Samih El-Dahmy, Ph.D. Professor of Pharmacognosy and Phytochemistry Faculty of Pharmacy, University of Zagazig, Egypt. E-mail: elsameeh@gmail.com



Tepebasi TR-26470 Eskisehir, TURKEY

E-mail: yozturk@anadolu.edu.tr, yozturk1958@gmail.com

Phone: +90-222-3350580 ext.3743

Fax: +90-222-3350750

## 4- Prof. Ehsan Abo Zeid, Ph.D.

Professor of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, University of Zagazig, Egypt.

E-mail: Ehsan\_emran@yahoo.com Phone:002 055 01005668068

### 5- Prof. Filippo Maggi, M.D.

Professor in Pharmaceutical Biology School of Pharmacy, Pharmaceutical Botany Unit University of Camerino

Via Sant'Agostino 1, I-62032, Camerino, Italy

Phone: 0039 0737404506 Email: filippo.maggi@unicam.it

#### 6- Prof. Gianni Sagratini

Professor of Food Chemistry
Referente Protocollo Agroalimentare Unicam-Aziende
Università di Camerino
Scuola di Scienze del Farmaco e dei Prodotti della Salute
via S.Agostino 1
62032 Camerino, Italy
+39 0737 402238

#### 7- Ass. Prof. Giovanni Caprioli, Ph.D.

Email: gianni.sagratini@unicam.it

Ricercatore in Chimica degli Alimenti Università di Camerino Scuola di Scienze del Farmaco e dei Prodotti della Salute Via S.Agostino 1 62032 Camerino, Italy +390737402238

Email: giovanni.caprioli@unicam.it

#### 8- Prof. Maged El-Sayed, PhD

Associate professor of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, University of Zagazig, Egypt.

E-mail: Maged789@hotmail.com