europass Curriculum vitae

PERSONAL INFORMATION

Michael Christodoulou

Angelo Inganni 52, 20147 Milan (Italy)

(+39) 3490691119

michael.christodoulou@unimi.it

orcid.org/0000-0002-5098-3143 https://www.linkedin.com/in/michael-christodoulou-524b4929?trk=nav_responsive_tab_profile_pic https://www.researchgate.net/profile/Michael_Christodoulou https://www.scopus.com/authid/detail.uri?authorId=25222774400

Sex Male | Date of birth 20/12/1980 | Nationality Greek

WORK EXPERIENCE

01/05/2017–Present

Assistant Professor (RTD-A)

Università degli studi di Milano, Milano (Italy)

At present, as an Assistant Professor at the University of Milan, my work focuses on the metal-catalyzed and metal-free domino reactions.

I am an active participant in the COST Action CM1106 "Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells".

16/02/2015–29/04/2017

Research Grant at Università degli studi di Modena e Reggio Emilia (Post-Doctoral Researcher)

Università degli studi di Modena e Reggio Emilia
Via Campi 103, 41100 Modena (Italy)

As a Post-Doctoral researcher at the University of Modena and Reggio Emilia, with a research grant financed by AIRC IG15993, my work was focused on the design and development of CDK2 and EGFR type III alosteric inhibitors as anticancer drugs.

I was an active participant in the COST Action CM1106 "Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells".

01/04/2013–15/02/2015

Research Grant at Università degli studi di Milano (Post-Doctoral Researcher)

Università degli studi di Milano
Via Golgi 19, 20133 Milano (Italy)

As a Post-Doctoral researcher at the University of Milan, my work was focused on the synthesis of compounds with anticancer activity. More specifically, the total synthesis of the enantiopure alkaloid Boehmeriasin A, the preparation of a novel class of squalene conjugates connected, via a disulfide-containing linker, with existing drugs and the synthesis of small molecules as inhibitors of: 1) Cancer Stem Cells, 2) GR (glycocorticoid receptor), 3) Topoisomerase I and II, 4) Sirtuins and 5) Microtubules.

In addition, I was the assistant supervisor of three bachelor and two master thesis and I was an active participant in the COST Action CM1106 "Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells".

Furthermore, I was part of the Scientific and Organizing Committee of the: Focused Joint-meeting for Early Stage Researchers "**Targeting Hedgehog Signaling in Cancer Stem Cells**" held in Barcelona, Spain, 19-20 January 2015.

01/04/2011–31/03/2013

Research Grant at Università degli studi di Milano (Post-Doctoral Researcher)

Università degli studi di Milano
Via Golgi 19, 20133 Milano (Italy)

As a Post-Doctoral researcher at the University of Milan, my work was focused on the synthesis of compounds with anticancer activity. More specifically, the total synthesis of the enantiopure alkaloid Boehmeriasin A, the preparation of a novel class of squalene conjugates connected, via a disulfide-containing linker, with existing drugs and the synthesis of small molecules as inhibitors of: 1) Cancer Stem Cells, 2) GR (glycocorticoid receptor), 3) Topoisomerase I and II, 4) Sirtuins and 5) Microtubules.

Moreover, I collaborated with two pharmaceutical companies -LINNEA and INDENA- for the synthesis of alkaloid-related compounds.

Furthermore, I was an active participant in the COST Action CM1106 "Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells" and in the COST Action CM0602 "Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation".

01/04/2009–30/06/2009

Assistant in Organic Chemistry

Agricultural University of Athens, Athens (Greece)

Assisting the Professor to the laboratory of Organic Chemistry to supervise the undergraduate students during the experiments

01/10/2008–23/12/2008

Assistant in General Chemistry

Agricultural Univeristy of Athens, Athens (Greece)

Assisting the Professor to the laboratory of General Chemistry to supervise the undergraduate students during the experiments

01/03/2008–30/06/2008

Assistant in Organic Chemistry

Agricultural University of Athens, Athens (Greece)

Assisting the Professor to the laboratory of Organic Chemistry to supervise the undergraduate students during the experiments

01/10/2007–01/02/2008

Assistant in General Chemistry

Agricultural University of Athens, Athens (Greece)

Assisting the Professor to the laboratory of General Chemistry to supervise the undergraduate students during the experiments

01/04/2007–30/06/2007

Assistant in Organic Chemisty

Agricultural University of Athens, Athens (Greece)

Assisting the Professor to the laboratory of Organic Chemistry to supervise the undergraduate students during the experiments

01/03/2006–30/06/2006

Assistant in Organic Chemistry

Agricultural Universuty of Athens, Athens (Greece)

Assisting the Professor to the laboratory of Organic Chemistry to supervise the undergraduate students during the experiments

EDUCATION AND TRAINING

01/10/2005–13/10/2010

Doctor's degree in Medicinal Chemistry

Agricultural University of Athens, Athens (Greece)

The title of my PhD thesis is: Synthesis of novel bioactive molecules and evaluation of their biological activity.

During my PhD years I worked in the synthesis of novel bioactive molecules as potential anticancer

and anti-angiogenic compounds. More specifically, in the synthesis of: 1) trisubstituted pyrazole derivatives, which -via a PIFA mediated conversion- were transformed to fused pyrazolo[4,3-*c*]quinolines, 2) pyrazole derivatives bearing aryl substituted groups at positions 1and 3 of the pyrazole motif and various functional groups at position 4, 3) imidazolo[2,1-*b*]benzothiazole analogues as potent inhibitors of the mutant protein *p53* and 4) tamoxifen analogues as selective estrogen receptor modulators.

Furhtermore, I worked as an assistant in the successful implementation of two Master thesis, and I worked for three years as an assistant in the General and Organic Chemistry Labs for undergraduate students. I took part in some secondments through the COST-STSM programs and I spent 1 year working at the University of Milan, Italy and 1 month at the University of Bilbao, Spain, where I gained valuable experience in an international environment.

24/11/2003–09/03/2005

Master's degree in Medicinal Chemistry

University of Patras, Patras (Greece)

The title of my master thesis is: Synthesis of internally guanylated and incorporating tetrazole moieties in the secondary amines of polyamine analogs and conjugates for medical application.

It is know that a big number of natural and synthetic compounds which incorporate the guanidyl group posses important biological properties. For this reason, we synthesized a guanylated analog of kukoamine, a potential candidate for sepsis treatment.

5-Substituted 1*H*-tetrazoles and 1,5-disubstituted tetrazoles are often used as metabolism-resistant isosteric replacements for carboxylic acids and as *cis* amide bond surrogates, respectively, in SAR-driven analogue synthesis in medicinal chemistry. For this reason, we create a methodology for the synthesis of a small library of linear 5-aminoalkyl-1*H*-tetrazoles and polyamines incorporating tetrazole units in their skeleton, by activating secondary amide bonds through thionation toward their reaction with azidotrimethylsilane under Mitsunobu reaction conditions.

28/09/1999–13/11/2003

Bachelor's degree in Chemistry

University of Patras, School of Sciences, Patras (Greece)

The title of my bachelor thesis is: Synthesis of non-peptidic derivatives of histamine as antagonists of angiotensin II.

The octapeptide angiotensin II is the major factor of the renin-angiotensin system (RAS) that regulates blood pressure and water balance. For this reason, different non-peptidic inhibitors of the AT_1 receptor of angiotensin II were synthesized.

PERSONAL SKILLS

Mother tongue(s): Greek

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	B2
Italian	B2	B2	B2	B2	B2
German	A2	A2	A2	A2	A2

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

Communication skills: Multicultural skills

During my stages abroad, I have always engaged in meaningful interactions with the other members of my team, being able to communicate, persuade and adapt to different situations.

My active participation to numerous conferences, workshops and symposiums has helped me develop strong communication skills. I am able to convey complex information, handle a mass of diverse data, present scientific materials clearly and correctly, both in writing and orally.

Organisational / managerial skills

Problem solving skills:

I am able to conduct experiments and apply the knowledge and understanding to fix problems that may occur. I have come across situations when I have to accommodate last minute changes and reorganize my work.

Job-related skills

Technical ability

I have the knowledge and experience of working with modern laboratory equipment: NMR, HPLC, LC-MS-MS, I.R.

Digital competence

Web master design: stemchem.org Programmes: MestReNova, ChemOffice, Word, Excel, PowerPoint, Microsoft FrontPage

Other skills

Independent learning skills

I have a sense of efficient planning, time-management and organizational skills demonstrated through independent research.

Driving licence

B

ADDITIONAL INFORMATION

Publications

***h*-index: 10**

Papers:

27) G. Fumagalli, B. Stella, I. Pastushenko, F. Ricci, **M. S. Christodoulou**, G. Damia, D. Mazza, S. Arpicco, C. Giannini, L. Morosi, F. Dosio, P. A. Sotiropoulou and D. Passarella "Heteronanoparticles by self-Assembly of Doxorubicin and Cyclopamine Conjugates" ***ACS Med. Chem. Lett.*** DOI: 10.1021/acsmedchemlett.7b00262

26) **M. S. Christodoulou**, F. Caporuscio, V. Restelli, L. Carlino, G. Cannazza, E. Costanzi, C. Citti, L. Lo Presti, P. Pisani, R. Battistutta, M. Broggini, D. Passarella and G. Rastelli "Probing an Allosteric Pocket of CDK2 with Small Molecules" ***ChemMedChem*** 2017, *12*, 33-41.

25) **M. S. Christodoulou**, G. Fumagalli, B. Riva, I. Revuelta, C. Marucci, V. Collico, D. Prosperi, S. Riva, D. Perdicchia, I. Bassanini, A. García-Argáez, L. Dalla Via and D. Passarella "Self-assembled 4-(1,2-diphenylbut-1-en-1-yl)aniline based nanoparticles: podophyllotoxin and aloin as building blocks" ***Org. Biomol. Chem.***, 2017, *15*, 1106-1109.

24) J. Marangon, **M. S. Christodoulou**, F. V. M. Casagrande, G. Tiana , L. Dalla Via , A. Aliverti, D. Passarella, G. Cappelletti and S. Ricagno "Tools for the rational design of bivalent microtubule-targeting drugs" ***Biochem. Biophys. Res. Commun.*** 2016, *479* , 48-53.

23) A. S. Moriello, L. Luongo, F. Guida F, **M. S. Christodoulou**, D. Perdicchia, S. Maione, D. Passarella, V. Di Marzo and L. De Petrocellis "Chalcone derivatives activate and desensitize the transient receptor potential ankyrin 1 cation channel, subfamily A, member 1 TRPA1 ion channel: structure-activity relationships in vitro and anti-nociceptive and anti-inflammatory activity in vivo" ***CNS Neurol. Disord. - Drug Targets*** 2016, *15*, 987-994.

22) **M. S. Christodoulou***, M. Zarate, F. Ricci, G. Damia, S. Pieraccini, F. Dapiaggi, M. Sironi, L. Lo Presti, A. N. García-Argáez, L. Dalla Via and D. Passarella "4-(1,2-diarylbut-1-en-1-yl)isobutyranilide as new scaffold for topoisomerase II inhibition" ***Eur. J. Med. Chem.*** 2016, *118*, 79-89.

21) C. Marucci, **M. S. Christodoulou**, S. Pieraccini, M. Sironi, F. Dapiaggi, D. Cartelli, A. M. Calogero, G. Cappelletti, C. Vilanova, S. Gazzola, G. Broggini and D. Passarella "Synthesis of pironetin-dumetorine hybrids as new tubulin binders" ***Eur. J. Org. Chem.*** 2016, *11*, 2029-2036.

20) **M. S. Christodoulou**, R. Navakauskiene, M. Mori, A. Zentelyte, B. Botta, L. Dalla Via, F. Ricci, G. Damia, D. Passarella, C. Zilio and N. Martinet "Histone demethylating agents as potential *S*-adenosyl-L-methionine-competitors" ***Med. Chem. Comm.*** 2016, *7*, 1245-1255.

19) G. Fumagalli, D. Mazza, **M. S. Christodoulou**, G. Damia, F. Ricci, D. Perdicchia, B. Stella, F. Dosio, P. A. Sotiropoulou and D. Passarella "Cyclopamine–Paclitaxel-Containing Nanoparticles:Internalization in Cells Detected by Confocal and Super- Resolution Microscopy" ***ChemPlusChem*** 2015, *80*, 1380–1383.

18) **M. S. Christodoulou**, M. Mori, R. Pantano, R. Alfonsi, P. Infante, M. Botta, G. Damia, F. Ricci, P. A. Sotiropoulou, S. Liekens, B. Botta and D. Passarella "Click Reaction as a Tool to Combine Pharmacophores: The Case of Vismodegib" ***ChemPlusChem*** 2015, *80*, 938–943.

17) M. Stucchi, S. Cairati, R. Cetin-Atalay, **M. S. Christodoulou**, G. Grazioso, G. Pescitelli, A. Silvani, D. C. Yildirim and G. Lesma "Application of the Ugi reaction with multiple amino acid-derived components: synthesis and conformational evaluation of piperazine-based minimalist peptidomimetics" ***Org. Biomol. Chem.*** 2015, *13*, 4993–5005.

16) **M. S. Christodoulou**, F. Calogero, M. Baumann, A. N. García-Argáez, S. Pieraccini, M. Sironi, F. Dapiaggi, R. Bucci, G. Broggini, S. Gazzola, S. Liekens, A. Silvani, M. Lahtela-Kakkonen, N. Martinet, A. Nonel-Canals, E. Santamaría-Navarro, I. Baxendale, L. Dalla Via and D. Passarella "Boehmeriasin A as new lead compound for the inhibition of Topoisomerases and SIRT2" ***Eur. J. Med. Chem.*** 2015, *92*, 766–775.

15) S. Borrelli, D. Cartelli, F. Secundo, G. Fumagalli, **M. S. Christodoulou**, A. Borroni, D. Perdicchia, F. Dosio, P. Milla, G. Cappelletti and D. Passarella "Self-assembled Squalene-based Fluorescent Hetero-Nanoparticles" ***ChemPlusChem*** 2015, *80*, 47–49.

14) S. Borrelli, **M. S. Christodoulou**, I. Ficarra, A. Silvani, G. Cappelletti, D. Cartelli, G. Damia, F. Ricci, M. Zucchetti, F. Dosio and D. Passarella "New class of squalene-based releasable nanoassemblies of paclitaxel, podophyllotoxin, camptothecin and epothilone A" ***Eur. J. Med. Chem.*** 2014, *85*, 179–190.

13) P. S. Colombo, G. Flamini, **M. S. Christodoulou**, G. Rodondi, S. Vitalini, D. Passarella and G. Fico "Farinose alpine *Primula* species: Phytochemical and morphological investigations" ***Phytochemistry*** 2014, *98*, 151–159.

12) **M. S. Christodoulou**, A. Sacchetti, V. Ronchetti, S. Caufin, A. Silvani, G. Lesma, G. Fontana, F. Minicone, B. Riva, M. Ventura, M. Lahtela-Kakkonen, E. Jarho, V. Zuco, F. Zunino, N. Martinet, F. Dapiaggi, S. Pieraccini, M. Sironi, L. Dalla Via, O. M. Gia and D. Passarella "Quinazolinecarboline Alkaloid Evodiamine as Scaffold for Targeting Topoisomerase I and Sirtuins" ***Bioorg. Med. Chem.*** 2013, *21*, 6920–6928.

11) **M. S. Christodoulou**, N. Fokialakis, D. Passarella, A. N. García-Argáez, O. M. Gia, I. Pongratz, L. Dalla Via and S. A. Haroutounian "Synthesis and biological evaluation of novel tamoxifen analogues" ***Bioorg. Med. Chem.*** 2013, *21*, 4120–4131.

10) F. Calogero, S. Borrelli, G. Speciale, **M. S. Christodoulou**, D. Cartelli, D. Ballinari, F. Sola, C. Albanese, A. Ciavolella, D. Passarella, G. Cappelletti, S. Pieraccini and M. Sironi, “9-Fluorenone-2-carboxylic acid as scaffoldfor new tubulin interacting compounds" ***ChemPlusChem*** 2013, *78*, 663–669.

9) E. Riva, M. Mattarella, S. Borrelli, **M. S. Christodoulou**, D. Cartelli, M. Main, S. Faulkner, D. Sykes, G. Cappelletti, J. S. Snaith and D. Passarella, "Preparation of Fluorescent Tubulin Binders" ***ChemPlusChem*** 2013, *78*, 222–226.

8) C. Peruzzotti, S. Borrelli, M. Ventura, R. Pantano, G. Fumagalli, **M. S. Christodoulou**, D. Monticelli, M. Luzzani, A. L. Fallacara, C. Tintori, M. Botta and D. Passarella, "Probing the Binding Site of Abl Tyrosine Kinase Using in Situ Click Chemistry" ***ACS Med. Chem. Lett.*** 2013, *4*, 274–277.

7) **M. S. Christodoulou**, F. Zunino, V. Zuco, S. Borrelli, D. Comi, G. Fontana, M. Martinelli, J. B. Lorens, L. Evensen, M. Sironi, S. Pieraccini, L. Dalla Via, O. M. Gia and D. Passarella, "Camptothecin-7-yl-methanthiole: Semisynthesis and Biological Evaluation" ***ChemMedChem*** 2012, *7*, 2134–2143.

6) **M. S. Christodoulou**, N. Fokialakis, S. Nam, R. Jove, A.-L. Skaltsounis and S. A. Haroutounian, "Synthesis and In Vitro Biological Evaluation of Novel Pyrazole Derivatives as Potential Antitumor Agents" ***Med. Chem.*** 2012, *8*, 779–788.

5) F. Colombo, C. Tintori, A. Furlan, S. Borrelli, **M. S. Christodoulou**, R. Dono, F. Maina, M. Botta, M. Amat, J. Bosch and D. Passarella, "'Click' synthesis of a triazole-based inhibitor of Met functions in cancer cells" ***Bioorg. Med. Chem. Lett.*** 2012, *22*, 4693–4696.

4) R. Gaggeri, D. Rossi, **M. S. Christodoulou**, D. Passarella, F. Leoni, O. Azzolina and S. Collina, "Chiral Flavanones from Amygdalus lycioides Spach: Structural Elucidation and Identification of TNFalpha Inhibitors by Bioactivity-guided Fractionation" ***Molecules*** 2012, *17*, 1665–1674.

3) **M. S. Christodoulou**, F. Colombo, D. Passarella, G. Ieronimo, V. Zuco, A. De Cesare and F. Zunino, "Synthesis and biological evaluation of imidazolo[2,1-b]benzothiazole derivatives, as potential p53 inhibitors" ***Bioorg. Med. Chem.*** 2011, *19*, 1649–1657.

2) **M. S. Christodoulou**, S. Liekens, K. M. Kasiotis and S. A. Haroutounian, "Novel Pyrazole Derivatives: Synthesis and Evaluation of Anti-angiogenic Activity" ***Bioorg. Med. Chem.*** 2010, *18*, 4338–4350.

1) **M. S. Christodoulou**, K. M. Kasiotis, N. Fokialakis, I. Tellitu and S. A. Haroutounian, "PIFA mediated synthesis of novel pyrazoloquinolin-4-ones as potential ligands for the estrogen receptor" ***Tet. Lett.*** 2008, *49*, 7100–7102.

Reviews:

7) E. Bonandi, **M. S. Christodoulou**, G. Fumagalli, D. Perdicchia, G. Rastelli and D. Passarella "The 1,2,3-triazole ring as a bioisostere in medicinal chemistry" ***Drug Discov. Today*** DOI: 10.1016/j.drudis.2017.05.014

6) D. Cartelli, **M. S. Christodoulou**, D. Passarella and G. Cappelletti "Microtubule-directed therapeutic strategy for neurodegenerative disorders: starting from the basis and looking on the emergences" ***Curr. Pharm. Des.*** 2017, *23*, 784–808.

5) G. Fumagalli, C. Marucci, **M. S. Christodoulou**, B. Stella, F. Dosio and D. Passarella "Self-assembly drug conjugates for anticancer treatment" ***Drug Discov. Today*** 2016, *21*, 1321–1329.

4) D. Perdicchia, **M. S. Christodoulou**, G. Fumagalli, F. Calogero, C. Marucci and D. Passarella "Enzymatic Kinetic Resolution of 2-Piperidineethanol for the Enantioselective Targeted and Diversity Oriented Synthesis" ***Int. J. Mol. Sci.*** 2016, *17*, 17.

3) C. Marucci, G. Fumagalli, F. Calogero, A. Silvani, **M. S. Christodoulou** , N. Martinet and D. Passarella "Natural Products and Cancer Stem Cells" ***Curr. Pharm. Des.*** 2015, 21, 5547–5557.

2) **M. S. Christodoulou**, A. Thomas, S. Poulain, M. Vidakovic, M. Lahtela-kakkonen, D. Matulis, P. Bertrand, E. Bartova, C. Blanquart, E. Mikros, N. Fokialakis, D. Passarella, R. Benhida and N. Martinet "Can we use the epigenetic bioactivity of caloric restriction and phytochemicals to promote healthy ageing?" ***Med. Chem. Comm.*** 2014, *5*, 1804–1820.

1) A. Sotiropoulou, **M. S. Christodoulou**, A. Silvani, C. Herold-Mende and D. Passarella "Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells" ***Drug Discov. Today*** 2014, *19*, 1547–1562.

Presentations - Oral

- "Povarov reaction for the synthesis of cylcopenta[*c*]quinoline deerivatives as allosteric modulators of the CDK2 protein" 4th International Workshop on Pericyclic Reactions and Synthesis of Hetero- and Carbocyclic Systems, Milan (Italy), 28th-30th June, 2017.
- "Synthesis and biological evaluation of novel Vismodegib analogues" 2nd Working Group Meeting of COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Budapest (Hungary), 27th -28th March, 2014.
- "Structural Modifications of Natural Products. Synthesis and Biological Evaluation" 1st Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Milano (Italy), 3rd-5th July, 2012.
- "Novel heterocyclic molecules as p53 inhibitors: Synthesis and biological activity evaluation" Meeting of 2 and 3 Working groups – CM0602 Action: Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation, Dublin (Ireland), 7th-9th May, 2010.
- "Synthesis of p53 inhibitors" 3rd Workshop – CM0602 COST Action: Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation, Favignana (Italy), 16th-18th October, 2009.
- "Results of COST STS mission in Bilbao. Collaboration between AUA-UPV" 4th Meeting of the working group D28/008/03: Natural Products as a Source for Discovery, Synthesis, and Application of New Pharmaceuticals, Athens (Greece), 17th March, 2007.

Presentations - Poster

- **Michael S. Christodoulou**, Gaia Fumagalli, Panagiota A. Sotiropoulou, Franco Dosio, Davide Mazza, and Daniele Passarella, "Self-assembled Squalene-based Fluorescent Hetero-Nanoparticles", 2nd Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells & CIBICAN Conference on Molecular Pharmacology and Mechanisms of New Anticancer Drugs, Puerto de la Cruz, Tenerife (Spain), 14th-15th October, 2014.
- F. Calogero, **M.S. Christodoulou**, R. Bucci, F. Dapiaggi, D. Passarella, “Convenient Synthesis of enantiopure Boehmeriasin A", Anglo-Italian Meeting on Heterocyclic Chemistry, Windsor, Berkshire (United Kingdom), 29th June-1st July, 2014.
- C. Marucci, **M. Christodoulou**, R. Bucci, D. Passarella, “Design and Synthesis of Dumetorine-Pironetin hybrids", XXXIX “A. Corbella" International Summer School, Gargnano (Italy), 15th-20th June, 2014.
- **Michael S. Christodoulou**, Tarja Kokkola, Elina Jarho, Nadine Martinet, Maija Lahtela-Kakkonen and Daniele Passarella, "Evodiamine and Camptothecin as Scaffolds for Targeting Sirtuins", Epigenetics: From Bench To Bedside, COST Conference, Athens (Greece), 5th-8th May, 2014.
- **Michael S. Christodoulou**, Panagiota A. Sotiropoulou, Giovanna Damia, Maurizio Botta and Daniele Passarella, "Novel Vismodegib analogues: synthesis and biological evaluation", 2nd Working Group Meeting-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Warsaw (Poland),19th-20th September, 2013.
- **Michael S. Christodoulou** and Daniele Passarella, "Camptothecin scaffold modification: synthesis and biology", Chemistry and Biology in Action: Joint meeting of COST actions TD0905-Epigenetics: from bench to bedside, CM0804-Chemical Biology with Natural Products and CM1106-Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Salerno (Italy), 5th-6th November, 2012.
- **M. Christodoulou**, K. Kasiotis, and S. Haroutounian, "Small sized heterocyclic molecules: Synthesis and antitumor properties", 1st Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Milano (Italy), 3rd-5th July, 2012.
- **Michael S. Christodoulou**, Daniele Passarella, "Synthesis and biological evaluation of imidazolo[2,1-*b*]benzothiazole derivatives, as potential p53 inhibitors", COST CM0602 - Inhibitors of angiogenesis: design, synthesis and biological exploitation (ANGIOKEM), Smolenice (Slovakia), 11th-14th June, 2011.
- **Michael S. Christodoulou**, Evangelia N. Tzanetou, and Serkos A. Haroutounian, "Novel Pyridinyl Acetamides and Acrylamides as Potential Antiangiogenesis Agents", 14th Hellenic Symposium on Medicinal Chemistry, Thessalonica (Greece), 23th-25th April, 2010.
- **Michael S. Christodoulou**, Konstantinos M. Kasiotis and Serkos A. Haroutounian, "PIFA MEDIATED SYNTHESIS OF NOVEL PYRAZOLOQUINOLIN-4-ONES", 2nd Hellenic Symposium in Organic Synthesis: From Chemistry to Biology, Medicine and Material Science, Athens (Greece), 19th–21st April, 2007.

- **M. Christodoulou**, C. M. Athanassopoulos, T. Garnelis and D. Papaioannou, "Applications of Nα, Nω Ditritylated Bisamides to the Synthesis of Internally Guanylated Polyamines and of Polyamine Analogs Incorporating Tetrazole Moieties", 6th International Conference of Medicinal Chemistry: Drug Discovery and Design, Patra (Greece), 10th– 12th March, 2005.
- Constantinos Athanassopoulos, Thomas Garnelis, Evangelia Pantazaka, **Michalis Christodoulou** and Dionissios Papaioannou, "EFFICIENT GUANYLATION OF Nα,Nω DITRITYLATED POLYAMINES AT THE SECONDARY AMINO FUNCTIONS", 8th Conference of Chemistry Greece - Cyprus: Chemistry, Quality of life and education, Thessalonica (Greece), 10th–13th December, 2004.

Organizing and Scientific Committees

- Member of the Organizing Committee: "4th Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells", Chioggia (Italy), 10th-11th March, 2016.
- Group Coordinator: "Training School-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells", Lisbon (Portugal), 23th-25th November, 2015.
- Member of the Organizing and Scientific Committee: "Targeting Hedgehog Signaling in Cancer Stem Cells. Focused Joint-meeting for ESRs", Barcelona (Spain), 19th-20th January, 2015.
- Member of the Organizing Committee: "1st Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells", Milano (Italy), 3rd-5th July, 2012.

Conferences, Workshops and Symposiums

- 4th International Workshop on Pericyclic Reactions and Synthesis of Hetero- and Carbocyclic Systems, Milan (Italy), 28th–30th June, 2017.
- Working Group 1 meeting of COST Action CM1407: Challenging organic syntheses inspired by nature - from natural products chemistry to drug discovery, Rome (Italy), 7th April, 2017.
- 3rd Meeting of COST Action CM1407: Challenging organic syntheses inspired by nature - from natural products chemistry to drug discovery, Krakow (Poland), 2nd–3rd March, 2017.
- Nanomedicine Symposium CEN@UniMiB: Towards translation and European Networking, Milan (Italy), 18th October, 2016.
- 2nd Meeting of COST Action CM1407: Challenging organic syntheses inspired by nature - from natural products chemistry to drug discovery, Madrid (Spain), 4th–5th April, 2016.
- 4th Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Chioggia (Italy), 10th–11th March, 2016.
- Training School-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Lisbon (Portugal), 23rd –25th November, 2015.
- 1st Meeting of COST Action CM1407: Challenging organic syntheses inspired by nature - from natural products chemistry to drug discovery, Rome (Italy), 5th–6th October, 2015.
- 3rd Working Group Meeting-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Athens (Greece) 26th–27th March, 2015.
- Targeting Hedgehog Signaling in cancer Stem Cells Focused Joint-meeting for ESRs, Barcelona (Spain), 19th–20th January, 2015.
- 2nd Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells & CIBICAN Conference on Molecular Pharmacology and Mechanisms of New Anticancer Drugs, Puerto de la Cruz, Tenerife (Spain), 14th–15th October, 2014.
- Epigenetics: From Bench To Bedside, COST Conference, Athens (Greece), 5th–8th May, 2014.
- 2nd Working Group Meeting-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Budapest (Hungary), 27th–28th March, 2014.
- 2nd Working Group Meeting-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Warsaw (Poland), 19th–20th September, 2013.
- 1st Working GroupMeeting-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Porto (Portugal), 21st–22nd February, 2013.
- Chemistry and Biology in Action: Joint meeting of COST actions TD0905-Epigenetics: from bench to bedside, CM0804-Chemical Biology with Natural Products and CM1106-Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, Salerno (Italy), 5th–6th November, 2012.
- 1st Workshop-COST Action CM1106: Chemical Approaches to Targeting Drug Resistance in

Cancer Stem Cells, Milano (Italy), 3rd–5th July, 2012.

- COST CM0602 - ANGIOKEM: Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation, Smolenice Castle (Slovakia) 11th–14th June, 2011.
- Training School – Inhibitors of Angiogenesis: design, synthesis and biological exploitation, Rhodes (Greece), 27th–30th September, 2010.
- 3rd European Workshop in Drug Synthesis, Siena (Italy), 23rd–27th May, 2010.
- Meeting of 2 and 3 Working groups – CM0602 Action: Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation, Dublin (Ireland), 7th–9th May, 2010.
- 3rd Workshop – CM0602 COST Action: Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation, Favignana (Italy), 16th–18th October, 2009.
- Meeting of the CM0602 COST Action: Inhibitors of Angiogenesis: Design, Synthesis and Biological Exploitation, Athens (Greece), 14th March, 2009.
- 4th Meeting of the working group D28/008/03: Natural Products as a Source for Discovery, Synthesis, and Application of New Pharmaceuticals, Athens (Greece), 17th March, 2007.
- 2nd Hellenic Symposium in Organic Synthesis: From Chemistry to Biology, Medicine and Materials Science, Athens (Greece), 19th–21st April, 2007.
- 6th Conference of Medicinal Chemistry: Drug Discovery and Design, Patra (Greece), 10th–12th March, 2005.
- 8th Conference of Chemistry Greece - Cyprus: Chemistry, Quality of life and education, Thessalonica (Greece), 10th–13th December, 2004.
- 1st Hellenic Symposium in Organic Synthesis: From Chemistry to Biology, Medicine and Materials Science, Athens (Greece), 4th–6th November, 2004.
- 4th Hellenic Forum on Bioactive Peptides, Patra (Greece), 22nd–24th April, 2004.
- 5th Conference of Medicinal Chemistry: Drug Discovery and Design, Patra (Greece), 11th–13th March, 2004.
- 4th Conference of Medicinal Chemistry: Drug Discovery and Design, Patra (Greece), 13th–14th March, 2003.

Stages and Contracts

4/11/2013– 14/11/2013 Short Term Scientific Mission, Mind the Byte, S.L., Barcelona, Spain

13/2/2011 – 12/4/2011 Short Term Scientific Mission, Università degli Studi di Milano, Italy

1/3/2010 – 30/6/2010 Short Term Scientific Mission, Università degli Studi di Milano, Italy

2/9/2009 – 31/1/2010 Coordinated Continuative Collaboration with Università degli Studi di Milano, Italy

27/4/2009 – 27/5/2009 Short Term Scientific Mission, Università degli Studi di Milano, Italy

1/2/2009 – 31/8/2009 Verification of methods, Benaki Phytopathological Institute

1/12/2008 31/1/2009 Chemical analysis of samples, Benaki Phytopathological Institute

1/10/2008 – 31/11/2008 Development of methods for the laboratory of pesticides analysis, Agricultural University of Athens

1/6/2008 – 31/7/2008 Development of standards for the laboratory of pesticides analysis, Agricultural University of Athens

1/9/2007 – 31/5/2008 Preparation, process and chemical analysis of samples, Agricultural University of Athens

6/10/2006 – 23/7/2007 Utilization of the particularity of products of the traditional agricultural production, Agricultural University of Athens

14/11/2006 – 14/12/2006 Short Term Scientific Mission, University of the Basque Country, Bilbao, Spain

11/4/2005 – 31/6/2006 Synthesis of novel tamoxifen and pyrazole analogues with estrogenic activity, Agricultural University of Athens

Member of the Editorial Board

- EC Pharmacology and Toxicology (ECPT) https://www.ecronicon.com/ECPP-EB.php
- Journal of Targeted Drug Delivery http://sciaeon.org/targeted-drug-delivery/editorial-board