

# Curriculum Vitae

## Personal information

Surname(s) / First name(s) **Dondio Giulio Massimo**  
Address(es)  
Telephone(s)  
E-mail(s)  
Nationality(-ies)  
Date of birth  
Gender Male

## Summary

G. Massimo Dondio got his Industrial Chemistry Degree at the University of Milan in 1986. From 1986 to 1992 he worked for SmithKline Beecham (SB) Italy as Senior Medicinal Chemist achieving considerable experience in the CNS in particular in the opioid system. In 1992, he was appointed Senior Team Leader of the Delta Opioid Agonists Programme and in this role he brought to the pre-clinical stage several novel chemical entities as antihyperalgesics for neuropathic syndromes and antitussive agents. In 1999 he was appointed Assistant Director Medicinal Chemistry Italy.

In 2001 together with other R&D Managers of SB he founded the spin-off named NiKem Research a CRO involved in integrated medicinal chemistry services. He was Director of DMPK and Developability Sciences. In this role he coordinated the set up of the new DMPK team aimed to in vitro early ADMET and in vivo PK in rodent determinations.

In 2012 he moved to Cyathus Exquirere Italia a CRO involved in the Analytical Development and Testing, R&D of new Drug Formulations, Clinical Pharmacokinetics and in vitro and in vivo ADMET. He was in charge as Project Manager.

In 2013 he moved to Aphad Srl an independent CRO involved in the in vitro and in vivo ADMET, Analytical Development and Testing, R&D of new Drug Formulations, Clinical Pharmacokinetics. He is a cofounder of Aphad and presently is in charge as COO.

Good experience in coordinating the operations in different CROs to get the accreditation to perform Pharmacokinetic, Metabolism and Bioequivalence analyses for clinical trials of Phase I, II and III (GCP according to art. 1 and 2 of D.M. 19 March 1998) and to get the certification from the Italian Ministry of Health for preclinical GLP bioanalyses and veterinary studies on residuals.

G. Massimo Dondio is author of 46 articles on international journals and of 17 published patent applications. He presented his Medicinal Chemistry and ADME/PK works at several national or international conferences. He held several lectures at Italian Universities for Master Courses in Pharmacy (University of Milan, Pisa, Siena and Pavia).

Since 2002 he has been Contract Professor at the Faculty of Pharmacy of the University of Genova, Pavia and Pisa.

Creative and versatile, good organizational skills along with an enthusiastic professional attitude for new experiences in challenging environments; capable to work under pressure dealing with multi-tasking projects and short dead-lines; good interactions with external and internal customers to ensure maximum value on deliverables.

## Education and training

Dates	March-April 2008
Name and type of organisation providing education and training	CPA (Milan- Italy)
Principal subjects/Occupational skills covered	<b>Fondamenti della Buona Pratica di Laboratorio (GLP)</b>
Dates	October 10-11, 2007
Name and type of organisation providing education and training	Falconbury Business Seminars (London, UK)
Principal subjects/Occupational skills covered	<b>Finance for Non-Financial Managers in the Pharma Industry</b>
Dates	July 5-6, 2000
Name and type of organisation providing education and training	SDA Bocconi (Milano)
Principal subjects/Occupational skills	<b>Change Managment</b>
Dates	June 26-30, 2000
Name and type of organisation providing education and training	Management center Europe, Helvetham Hall (UK)
Principal subjects/Occupational skills	<b>Heading for Leadership Workshop</b>
Dates	May 23-25, 2000
Name and type of organisation providing education and training	Metodologia la Bottega del Futuro (Milano)
Principal subjects/Occupational skills	<b>Self Marketing: la Percezione della Comunicazione</b>
Dates	May 21-22, 1998
Name and type of organisation providing education and training	SmithKline Beecham Course (Milano)
Principal subjects/Occupational skills	<b>Leadership Focus: How to Improve the Management of Human Resources</b>
Dates	November 13-14, 1997
Name and type of organisation providing education and training	SmithKline Beecham Course (Milano)
Principal subjects/Occupational skills	<b>Workshop: teamwork, How to Work in Team</b>
Dates	Settember 17-20, 1997
Name and type of organisation providing education and training	Leiden/Amsterdam Center for Drug Research (Amsterdam, The Netherland)
Principal subjects/Occupational skills	<b>Course in Pharmacokinetic-Pharmacodynamic Modelling - Concepts and Applications</b>
Dates	March 26-28, 1996
Name and type of organisation providing education and training	University of Hertforshire (UK)
Principal subjects/Occupational skills	<b>Practical Course on Molecular Biology</b>
Dates	1990
Name and type of organisation providing education and training	Congress/school (Ischia, NA, Italia)
Principal subjects/Occupational skills	<b>5<sup>th</sup> IASOC Ischia Advanced School of Organic Chemistry</b>
Dates	1989 and 1988

Name and type of organisation providing education and training	Congress/school (Gargnano, BS, Italia)
Principal subjects/Occupational skills	<b>14<sup>th</sup> and 13<sup>th</sup> Summer School in Organic Chemistry A.Corbella Summer School in Organic Chemistry A.Corbella</b>
Dates	1986
Name and type of organisation providing education and training	Università Di Milano
Title of qualification awarded	<b>Professional qualification of Chemistry</b>
Dates	1986
Name and type of organisation providing education and training	Università Di Milano – Facoltà di Chimica Industriale
Principal subjects/Occupational skills	<b>Degree in Industrial Chemistry</b> (Organic-Synthetic guidance) 108/110, with a experimental thesis entitled: Stereoselective synthesis of advanced precursors of poliols by addition of allylsophinil anions to chiral $\alpha$ -alkoxyaldehydes. Prof. M. Cinquini, Prof. F. Cozzi.
Title of qualification awarded	Industrial Chemistry MS
Dates	1979
Name and type of organisation providing education and training	Istituto Tecnico Industriale Statale 'Cobianchi' (Intra, VB)
Principal subjects/Occupational skills covered	<b>Diploma Industrial Chemistry Technician</b> (full marks, 60/60)
Title of qualification awarded	Industrial Chemistry Technician
 <b>Work experience</b>	
Dates	<b>September 2013 – Today</b>
Occupation or position held	<b>COO, DMPK Manager</b>
Main activities and responsibilities	In charge as COO he is responsible to coordinate all the operations and the analytical, bioanalytical and PK services activities. He has successfully coordinated the operations to get the accreditation to perform Pharmacokinetic, Metabolism and Bioequivalence analyses for clinical trials of Phase I, II and III (GCP) according to art 1 and 2 of D.M. 19 March 1998 and to get the certification from the Italian Ministry of Health for preclinical GLP bioanalyses and veterinary studies on residuals.  He is acting as Customer Service Specialist.
Name and address of employer	Aphad Srl, Via della Resistenza 65, 20090 Buccinasco (MI), Italia
Type of business or sector	Contract Research Organization: Metabolism and Pharmacokinetics, Formulations
Dates	<b>September 2012 – June 2013</b>
Occupation or position held	<b>Project Manager, Manager</b>
Main activities and responsibilities	In charge as Project Manager he was responsible to coordinate all the analytical, bioanalytical and PK service activities.  He has successfully coordinated the operations to get the accreditation to perform Pharmacokinetic, Metabolism and Bioequivalence analyses for clinical trials of Phase I, II and III (GCP). Together with BD he acted as Customer Service Specialist.
Name and address of employer	Cyathus Exquirere Italy Srl, Via Lepetit, 21040 Gerenzano (VA), Italia
Type of business or sector	Contract Research Organization: Metabolism and Pharmacokinetics, Formulations
Dates	<b>August 2001 – June 2012</b>
Occupation or position held	<b>Director, Manager</b>
Main activities and responsibilities	In charge as Director of the DMPK and Developability departments. In this role he has coordinated the set up of i) the Developability Team that is taking care of early (in vitro)

	ADME determinations and the ii) the in vivo Pharmacokinetics Team for PK profiling of NCEs in rodents.
	He has also successfully coordinated the realization of a new laboratory for bioanalysis receiving from the Italian Ministry of Health, the GLP certification. Furthermore, the laboratory got also the qualification to perform Pharmacokinetic, Metabolism and Bioequivalence analyses for clinical trials of Phase I, II and III (GCP).
	He was also responsible to interact with the Clients drafting quotations, along with to identify cost effective compound profiling strategies and when needed, also to give an expert feedback on data produced ensuring maximum delivery and value.
	He coordinated the set up of a Computational Chemistry Team as support for the Medicinal Chemistry Department.
Name and address of employer	NiKem Research srl, Via Zambelletti 25, 20024 Baranzate, (Mi), Italia
Type of business or sector	Contract Research Organization: Medicinal Chemistry, Metabolism and Pharmacokinetics
Dates	<b>2001- today</b>
Occupation or position held	<b>Contract Professor/Lecturer</b>
Main activities and responsibilities	Courses on the Role of Pharmacokinetics and Metabolism during the Lead Optimization Phase of Novel Chemical Entities
Name and address of employer	University of Milano, Pavia, Genova, Pisa, Siena:
	<ul style="list-style-type: none"> <li>• Faculties of Pharmacy and Pharmaceutical Chemistry</li> <li>• Master Courses (II level) in Design and Development of New Drugs</li> </ul>
Type of business or sector	University
Dates	<b>1992- August 2001</b>
Occupation or position held	<b>Middle Manager – Assistant Director</b>
Main activities and responsibilities	In charge as Assistant Director of the Medicinal Chemistry Dept. supervising two chemistry laboratories working in CNS area.
	In charge as Senior Team Leader for the <i>Delta</i> Agonists Programme, aim: design and synthesis of novel, selective, non-peptide <i>delta</i> agonists useful as pain relief agents.
	Interaction with Corporate Intellectual Properties and local Patent Attorneys for the preparation of patents.
Name and address of employer	SmithKline Beecham SpA Via Zambelletti 25, 20024 Baranzate, (Mi), Italia
Type of business or sector	Pharmaceutical R&D
Dates	<b>1988- 1992</b>
Occupation or position held	<b>Researcher – Team Leader</b>
Main activities and responsibilities	In charge as junior researcher in the Analgesic Programme. Involved in the design and synthesis of selective, non-peptide <i>kappa</i> and <i>delta</i> opioid agonists
Name and address of employer	Zambelletti-Beecham SpA Via Zambelletti 25, 20024 Baranzate, (Mi), Italia
Type of business or sector	Pharmaceutical R&D
Dates	<b>1986- 1987</b>
Occupation or position held	<b>Fellowship/collaboration</b>
Main activities and responsibilities	Collaboration for the Organic Chemistry Dept. (Prof. M. Cinquini, Prof. F. Cozzi) for the study of stereoselective intramolecular cycloaddition of nitriloxides on chiral olefins
Name and address of employer	Università degli Studi di Milano – Dipartimento di Chimica Organica Industriale
Type of business or sector	University

## Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
A2	B1	A2	A2	A1

(\*) Common European Framework of Reference (CEF) level

Organisational skills and competences

Creative and versatile, good organizational skills along with an enthusiastic professional attitude for new experiences in challenging environments; capable to work under pressure dealing with multi-tasking projects and short dead-lines; good interactions with external and internal customers to ensure maximum value on deliverables

Technical skills and competences

Broad experience of Pharma R&D process;

Computer skills and competences

Regular use of the following softwares:

- office automation: Word, Excel, Power Point, Isis, ChemDraw,.
- bibliographic search: Medline, Current Contents, Scifinder,
- Pharmacokinetics: WinNonLin Phoenix

Other skills and competences

Sport: Ski, pilates

Driving licence(s)

Driving licence B

Additional information

Member in good standing of the "Italian Chemical Society" (SCI) divisions of Medicinal Chemistry

## FULL PAPERS

Intramolecular Nitrile Oxide Cycloaddition on Chiral Olefins: A Stereocontrolled Approach to  $\beta$ -Ketol Precursors.

R. Annunziata, M. Cinquini, F. Cozzi, **G. Dondio** and L. Raimondi.

**Tetrahedron**, 1987, 43, 2369-2380

Enantiospecificity of *Kappa* Receptors: Comparison of Racemic Compounds and Active Enantiomers in Two Novel Series of *Kappa* Agonist Analgesics.

R. Colle, G.D. Clarke, **G. Dondio**, G. Giardina, G. Petrone, M. Sbacchi and V. Vecchietti.

**Chirality**, 1992, 4, 8-15.

Structure-Activity Relationships in *Kappa* Opioid Analgesics: Piperidines Containing Novel Oxo-Acylating Moieties.

**G. Dondio**, R. Colle, G. Giardina, G. Petrone, M. Sbacchi, V. Vecchietti and G.D. Clarke.

**Pharmacol. Res.**, 1992, 25, 234-235.

Substituted 1-(Aminomethyl)-2-(arylacetyl)-1,2,3,4-tetrahydroisoquinolines: A Novel Class of Very Potent Antinociceptive Agents with Varying Degrees of Selectivity for  $\mu$  and  $\delta$  Opioid Receptors.

V. Vecchietti, G.D. Clarke, R. Colle, **G. Dondio**, G. Giardina, G. Petrone and M. Sbacchi.

**J. Med. Chem.**, 1992, 35, 2970-2978.

Molecular Modelling Comparison of Potent and Selective *Kappa* Agonists Belonging to Different Chemical Structures: A First Attempt at *Kappa* Receptor Mapping.

F. Bellucci, **G. Dondio**.

**Trends in QSAR and Molecular Modelling**, 1993, 461.

Potent and Selective Non-Peptidic *Delta* Opioid Ligands Based on the Novel Heterocycle-Condensed Octahydroisoquinoline Structure.  
**G. Dondio**, G. D. Clarke, G. Giardina, P. Petrillo, L. Rapalli, S. Ronzoni and V Vecchietti.  
**Regulatory Peptides**, 1993, 21, 43.

Opioid Receptors Within the Blood Brain Barrier Mediated *Kappa* Agonist-induced Water Diuresis.  
D. P. Brooks, G. Giardina, M. Gellai, **G. Dondio**, R. M. Edwards, G. Petrone, P. D. De Palma, M. Sbacchi, M. Jugus, P. Misiano, Y. X. Wang and G. D. Clarke.  
**J. Pharmacol. Exp. Ther.**, 1993, 266, 164-170.

Selective  $\kappa$ -Opioid Agonists: Synthesis and Structure-Activity Relationships of Piperidines Incorporating an Oxo-Containing Acyl Group.  
G. Giardina, G.D. Clarke, **G. Dondio**, G. Petrone, M. Sbacchi and V. Vecchietti.  
**J. Med. Chem.**, 1994, 37, 3482-3491.

Facile and Efficient Syntheses of (s)- and (R)-3-Fluoropyrrolidines and 3,3-Difluoropyrrolidine.  
G. Giardina, **G. Dondio** and M. Grugni.  
**SYNLETT.**, 1995, 1, 55-57.

The Role of the "Spacer" in the Octahydroisoquinoline Series: Discovery of SB 213698, a Non-peptidic, Potent and Selective *Delta* Opioid Agonist.  
**G. Dondio**, G.D. Clarke, G. Giardina, P. Petrillo, G. Petrone, S. Ronzoni, L. Visentin and V. Vecchietti.  
**Analgesia**, 1995, 1:4-6, 394-399.

*Delta* opioid receptor activation in cortical neurons *in vitro*  
L. Bresciani, G.D. Clarke, **G. Dondio**, V. Orlandi, G. Racagni, A. Ambrosini  
**Pharm. Research**, 1995, 31, Supplement 1, 117.

Recent Advances in the Development of a Non-Peptide  $\mu$  opioid analgesics (*review*)  
G.D. Clarke and **G. Dondio**  
**Pharmacology Communications**, 1997, 9, 49-60.

Discovery of a Novel Class of Substituted Pyrrolooctahydroisoquinolines as Potent and Selective *Delta* Opioid Agonists, Based on an Extension of the Message-Address Concept  
**G. Dondio**, S. Ronzoni, D. Eggleston, M. Artico, P. Petrillo, L. Visentin, C. Farina, V. Vecchietti and G. D. Clarke.  
**J. Med. Chem.**, 1997, 40, 3192-3198.

Non-peptide  $\mu$  opioid agonists and antagonists (*review*).  
**G. Dondio**, S. Ronzoni and P. Petrillo  
**Exp. Opin. Ther. Patents**, 1997, 7(10), 1075-1098.

Pyrrolooctahydroisoquinolines as Potent and Selective  $\delta$  Opioid Receptor Ligands: SAR Analysis and Docking Studies.  
**G. Dondio**, S. Ronzoni, P. Petrillo, R.L. DesJarlais and L.F. Raveglia  
**Bioorg. Med. Chem. Lett.**, 1997, 7(23), 2967-2973.

Non-peptide  $\delta$  opioid agonists and antagonists (Part II) (*review*).  
**G. Dondio**, S. Ronzoni, P. Petrillo.  
**Expert Opin. Ther. Patents**, 1999, 9(4), 353-374.

Synthesis, Molecular Modelling Studies and Structure-Activity Relationships of Amidic Indole Derivatives with a Basic Side Chain Acting as histamine H1-Receptor Antagonists.  
S. Battaglia, E. Boldrini, F. Da Settimo, **G. Dondio**, C. La Motta, A.M. Marini, G. Primofiore.  
**Eur. J. Med. Chem.**, 1999, 34(2), 93-105.

Synthesis and NMR Characterization of a Novel Class of Thienomorphinans.  
S. Ronzoni, A. Cerri, **G. Dondio**, G. Fronza, P. Petrillo, L.F. Raveglia, P.A. Gatti.  
**Org. Lett.**, 1999, 1(3), 513-515.

The Antitussive Activity of *Delta* Opioid Receptor Stimulation in Guinea Pigs  
C.J. Kotzer, D.W.P. Hay, **G. Dondio**, G. Giardina, P. Petrillo and D.C. Underwood  
**J. Pharmacol. Exp. Ther.** 2000, 292, 803-809.

Development of Novel Pain Relief Agents Acting Through the Selective Activation of the Delta-Opioid Receptor.

**G. Dondio**

**Farmaco**, 2000, 55(3), 178-180.

Pharmacological Profiles of Selective Non-Peptidic *Delta* Opioid Receptor Ligands

X. Jiang, K. Chaturvedi, N. Chinen, P. Bandari, **G. Dondio**, L.F. Raveglia, S. Ronzoni, R.D. Howells.

**Mol. Brain Res.** 2000, 80(2), 166-176

Selective Delta Opioid Receptor Agonists for Inflammatory and Neuropathic Pain

**Giulio Dondio**, Silvano Ronzoni, Carlo Farina, Davide Graziani, Carlo Parini,

Paola Petrillo and Giuseppe Giardina.

**Farmaco**, 2001, 56, 117-119.

Morphinan Derivatives – A Review of the Recent Patent Literature

Stefania Gagliardi, **Giulio Dondio** and Giuseppe AM Giardina

**IDrugs** 2003 6(2): 129-137.

From drug design to drug development.

**Giulio M. Dondio**. Seminars in Organic Synthesis, Summer School "A. Corbella", 28th, Gargnano, Italy, June 16-20, 2003 (2003), 71-90. Publisher: Societa Chimica Italiana, Rome, Italy.

Evidence for a Selective role of the  $\delta$ -Opioid Agonist [8R-(4bS\*,8a[,8a[,12b[])]7,10-Dimethyl-1-Methoxy-11-(2-methylpropyl)oxycarbonyl 5,6,7,8,12,12b-hexahydro-(9H)-4,8-methanobenzofuro[3,2-e]isoquinoline Hydrochloride in Blocking Hyperalgesia Associated with Inflammatory and Neuropathic Pain.

Paola Petrillo, Ornella Angelici, Sharon Bingham, Giovanna Ficalora, Martine Garnier, Paola F. Zaratini, Giuseppe Petrone, Ottorino Pozzi, Massimo Sbacchi, Tania O. Stean, Neil Upton, **Giulio M. Dondio** and Mark A. Scheideler.

**J. Pharmacol. Exp. Ther.** 2003, 307, 1079-1089.

Synthesis and Biological Activity of Flurbiprofen Analogues as Selective Inhibitors of  $\beta$ -Amyloid<sub>1-42</sub> Secretion

Peretto I., Radaelli S., Parini C., Zandi M., Raveglia L., **Dondio G.**, Fontanella L., Misiano P., Bigogno C., Rizzi A., Riccardi B., Biscailoli M., Marchetti S., Puccini P., Catinella S., Rondelli I., Cenacchi V., Bolzoni P.T., Caruso P., Villetti G., Facchinetti F., Del Giudice E., Moretto N. and Imbimbo B.

**J. Med.Chem.**, 2005, 48, 5705-5720

Discovery of Diaryl Imidazolidin-2-one Derivatives, a Novel Class of Muscarinic M3 Selective Antagonists (Part1)

Ilaria Peretto, Roberto Forlani, Claudia Fossati, Giuseppe A.M. Giardina, Alessandra Giardini, Matilde Guala, Elena LaPorta, Paola Petrillo, Stefano Radaelli, Luigi Radice, Luca F. Raveglia, Enza Santoro, Roberta Scudellaro, Francesca Scarpitta, Chiara Bigogno, Paola Misiano, **Giulio M. Dondio**, Andrea Rizzi, Elisabetta Armani, Gabriele Amari, Maurizio Civelli, Gino Villetti, Riccardo Patacchini, Marco Bergamaschi, Maurizio Delcanale, Carolina Salcedo, Andres G. Fernandez and Bruno P. Imbimbo

**J. Med.Chem.**, 2007, 50, 1571-1583

Discovery of Diaryl Imidazolidin-2-one Derivatives, a Novel Class of Muscarinic M3 Selective Antagonists (Part2)

Ilaria Peretto, Claudia Fossati, Giuseppe A.M. Giardina, Alessandra Giardini, Matilde Guala, Elena LaPorta, Paola Petrillo, Stefano Radaelli, Luigi Radice, Luca F. Raveglia, Enza Santoro, Roberta Scudellaro, Francesca Scarpitta, Alberto Cerri, Sergio Menegon, **Giulio M. Dondio**, Andrea Rizzi, Elisabetta Armani, Gabriele Amari, Maurizio Civelli, Gino Villetti, Riccardo Patacchini, Marco Bergamaschi, Franco Bassani, Maurizio Delcanale and Bruno P. Imbimbo

**J. Med.Chem.**, 2007, 50, 1693-1697.

Evaluation of *in vitro* brain penetration: Optimized PAMPA and MDCKII-MDR1 assay comparison.

Simone Carrara, Veronica Reali, Paola Misiano, **Giulio Dondio** and Chiara Bigogno

**Int. J. Pharmaceutics**, 2007, 342, 125-133

New perspectives in bio-analytical techniques for preclinical characterization of a drug candidate: UPLC-MS/MS in *in vitro* metabolism and pharmacokinetic studies.

S. Pedraglio, MG Rozio, P. Misiano, V. Reali **G Dondio** and C. Bigogno

**J. Pharm. Biomed Anal.** 2007, 44, 665-673.

Synthesis and biological evaluation of N-hydroxyphenylacrylamides and N-hydroxypyridin-2-ylacrylamides as novel histone deacetylase inhibitors.

Thaler F, Colombo A, Mai A, Amici R, Bigogno C, Boggio R, Cappa A, Carrara S, Cataudella T, Fusar F, Gianti E, di Ventimiglia SJ, Moroni M, Munari D, Pain G, Regalia N, Sartori L, Vultaggio S, **Dondio G**, Gagliardi S, Minucci S, Mercurio C, Varasi M. **J. Med. Chem.** 2010, 53(2), 822-39.

Synthesis and Biological Characterization of Amidopropenyl Hydroxamates as HDAC Inhibitors.

Thaler F, Varasi M, Colombo A, Boggio R, Munari D, Regalia N, Rozio MG, Reali V, Resconi AE, Mai A, Gagliardi S, **Dondio**, Minucci S, Mercurio C.

**ChemMedChem** 2010, 5(8), 1359 – 1372.

Synthesis and biological evaluation of new N-alkyl 1-aryl-5-(1H-pyrro1-yl)-1H-pyrazole-3-carboxamides as cannabinoid receptor ligands.

Silvestri R, Ligresti A, La regina G, Piscitelli F, Gatti V, La Vecchia A, Brizzi A, Pasquini S, Allarà M, Fantini N, Carai MAM, Bigogno C, Rozio MG, Sinisi, R, Novellino E, Colombo G, Di Marzo V, **Dondio G** and Corelli F.

**Eur. J. Med. Chem.** 2010, 45, 5878-5896

Discovery, Synthesis, and Pharmacological Evaluation of Spiropiperidine-Hydroxamic Acid Based Derivatives as Structurally Novel Histone Deacetylase (HDAC) Inhibitors.

Varasi M, Thaler F, Abate A, Bigogno C, Boggio R, Carezzi G, Cataudella T, Dal Zuffo r, Fulco MC, Rozio MG, Mai A, **Dondio G**, Minucci S, Mercurio C.

**J. Med. Chem.** 2011, 54, 3051-3064.

Design and Synthesis of 2-Heterocycl-3-arylthio-1H-indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability.

Silvestri R, La Regina G, Bai R, Rensen W, Coluccia A, Piscitelli F, Gatti V, Bolognesi A, Lavecchia A, Granata I, Porta A, Maresca B, Soriani A, Iannitto LM, Mariani M, Santoni A, Brancale A, Ferlini C, **Dondio GM**, Varasi M, Mercurio C, Hamel E, Lavia P and Novellino E

**J. Med. Chem.** 2011, 54, 8394-8406.

Aryltriflates as a Neglected Moiety in Medicinal Chemistry: A Case Study from a Lead Optimization of CXCL8 Inhibitors.

A Moriconi, C. Bigogno, G. Bianchini, A. Caligiuri, A. Resconi, **M.G. Dondio**, G. D'Anniballe and M. Allegretti.

**Med. Chem. Lett.**, 2011, 2 (10), pp 768–773.

Spiro[chromane-2,4'-piperidine] Based Histone Deacetylase Inhibitors with Improved in vivo Activity.

Thaler F, Varasi M, Carezzi G, Colombo A, Abate A, Bigogno C, Boggio R, Carrara S, Cataudella T, Dal Zuffo R, Reali V, Vultaggio S, **Dondio G**, Gagliardi S, Minucci S and Mercurio C.

**ChemMedChem** 2012, 7 (4), pp7 09-21.

Toward highly potent cancer agents by modulating the C-2 group of the arylthioindole class of tubulin polymerization inhibitors.

La Regina G, Bai R, Rensen WM, Di Cesare E, Coluccia A, Piscitelli F, Famigliani V, Reggio A, Nalli M, Pelliccia S, Da Pozzo E, Costa B, Granata I, Porta A, Maresca B, Soriani A, Iannitto ML, Santoni A, Li J, Miranda Cona M, Chen F, Ni Y, Brancale A, **Dondio G**, Vultaggio S, Varasi M, Mercurio C, Martini C, Hamel E, Lavia P, Novellino E, Silvestri R.

**J. Med. Chem.** 2013, 56(1):123-49.

Synthesis and biological characterization of spiro[2H-(1,3)-benzoxazine-2,4'-piperidine] based histone deacetylase inhibitors.

Thaler F, Varasi M, Abate A, Carezzi G, Colombo A, Bigogno C, Boggio R, Zuffo RD, Rapetti D, Resconi A, Regalia N, Vultaggio S, **Dondio G**, Gagliardi S, Minucci S, Mercurio C.

**Eur J Med Chem.** 2013, 64:273-84.

The Chiral Resolution and Pharmacological Characterization of the Enantiomers of the Hsp90 Inhibitor 2-Amino-7-[4-fluoro-2-(3-pyridyl)phenyl]-4-methyl-7,8-dihydro-6h-quinazolin-5-one oxime.

R. Amici, C. Bigogno, R. Boggio, A. Colombo, S. M. Courtney, R. Dal Zuffo, **G. Dondio**, F. Fusar, S. Gagliardi, S. Minucci, M. Molteni, C. A. G. N. Montalbetti, A. Mortoni, M. Varasi, S. Vultaggio and C. Mercurio.

**ChemMedChem** 2014, 9(7), pp 1574-85.

Cinnamic Anilides as New Mitochondrial Permeability Transition Pore Inhibitors Endowed with Ischemia-Reperfusion Injury Protective Effect in Vivo.

D. Fancelli, A. Abate, R. Amici, P. Bernardi, M. Ballarini, A. Cappa, G. Carezzi, A. Colombo, C. Contursi, F. Di Lisa, **G.Dondio**, S. Gagliardi, E. Milanese, S. Minucci, G. Pain, P.G. Pelicci, A. Saccani, M. Storto, F. Thaler, M. Varasi, M. Villa and S. Plyte

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## ORAL COMMUNICATIONS and INVITED LECTURES

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## POSTERS

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Il sottoscritto, consapevole che – ai sensi dell'art. 76 del D.P.R. 445/2000 – le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità.

Il sottoscritto dichiara di aver ricevuto l'informativa sul trattamento dei dati personali.

Luogo e data: Buccinasco (Mi), 20/12/2022

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