



## CURRICULUM VITAE

<b>Name</b>	Michele D'Amico
<b>Position</b>	Full Professor of Pharmacology
<b>Address</b>	Department of Experimental Medicine, Division of Pharmacology, Faculty of Medicine and Surgery 2nd University, Via Costantinopoli, 16-80138-Naples, Italy
<b>tel:</b>	+39-(0)81 5665920
<b>fax:</b>	+39-(0)81 5667503
<b>Date of Birth</b>	25 <sup>th</sup> April 1958
<b>Nationality</b>	Italian
<b>Marital Status</b>	Married

**h index: 28 (Scopus source)**

**168 publications total:**

- Peer review journals: **146**

**Total citations: 2809**

## **Education**

1989	Degree in Biology 2nd University of Naples
1991-1995	PhD in Pharmacology and Toxicology, Faculty of Medicine and Surgery, 2nd University Via Costantinopoli, 16-80138-Naples, Italy
2000	Specialization in Pharmacology, Faculty of Medicine and Surgery, 2nd University Via Costantinopoli, 16-80138-Naples, Italy

## **Experience**

1988-1989	Research student
1989-1991	Research student graduate
1991-1995	PhD student
1995-	PhD
1996	Professor of Toxicology Nurse's School 2nd University of Naples
1999-	Professor of Pharmacology School for Dental Care 2nd University of Naples

## **Languages**

English and French written and spoken

## **Awards**

1993 Research Prize from "Academy of Medical Sciences",  
Naples

1999 Research Prize from "Academy of Medical Sciences",  
Naples

### **Grants**

1991-1995 Research grant in Pharmacology and Toxicology  
MURST, Italy

1994 Research fellowship by Italian Pharmacological  
Society

1995 Research grant in Pharmacology by National Council  
for Research, Italy

1996- Post-doctoral fellowship

### **Membership**

1992- Italian Pharmacological Society

1992- European Neuropeptide Club

1993- Italian Society for Cardiovascular Research

1996- British Pharmacological Society

1997- New York Academy of sciences

### **Scientific Interest**

1988-1990 Central role of excitatory amino acids in the regulation  
of cardiovascular function

1991-1994 Relationship between chemical structure an  
pharmacological activity of antiinflammatory,  
analgesic and related compounds

1993- Central role of vasoactive peptides in the regulation of

cardiovascular function

2000-  
The mediators of inflammation in the genesis of cardiovascular pathologies

Diabetes, obesity and metabolic syndrome as risk factors for cardiovascular pathologies: the myocardial infarctio, heart failure, and the atherosclerotic plaque.

2014-  
Ocular pharmacology of the diabetic retinopathy and endotoxic uveitis

## Collaborations

1992-4  
Institute of Pharmaceutical Sciences  
University of Genoa

1992  
Dept of Chemical Pharmacology  
University "La Sapienza" Rome

1993-1994  
Institute of Pharmaceutical Sciences  
University of Naples

1993-1994  
Institute of Chemical Pharmacology  
University of Milan

1995-  
The William Harvey Research Institute  
London

- ◆ **Prof. Mauro Perretti**, Department of Biochemical Pharmacology, Centre for Biochemical Pharmacology, William Harvey Research Institute, Barts and The London SMD John Vane Science Centre, London, UK

- ◆ **Prof. Rod Flower**, Department of Biochemical Pharmacology, Centre for Biochemical Pharmacology, William Harvey Research Institute, Barts and The London SMD John Vane Science Centre, London, UK
- ◆ **Prof. Anca Hermenean** Department of Life Sciences, Vasile Goldis University, Arad, Romania
- ◆ **Prof. Oliver Soehnlein** Institute for Cardiovascular Prevention, Ludwig Maximilians University Munich, 80336 Munich, Germany
- ◆ **Prof. Guðmundur Jóhann Árason** Department of Immunology, Institute of Laboratory Medicine, Reykjavík, Iceland
- ◆ **Prof. Stephen J. Getting** Senior Lecturer University of Westminster School of Biosciences Department of Human and Health Sciences, London, UK
- ◆ **Prof. Roberto Motterlini**, Head of Vascular Biology Unit, Department of Surgical Research, Northwick Park Institute for Medical Research Harrow, Middlesex, UK
- ◆ **Prof. Timothy D. Warner**, Department of Vascular Inflammation, William Harvey Research Barts and The London SMD John Vane Science Centre, London, UK
- ◆ Prof. **Dario Giugliano**, Dipartimento di Geriatria e Malattie del Metabolismo, Seconda Università di Napoli
- ◆ Prof. **Giuseppe Paolisso**, Dipartimento di Geriatria e Malattie del Metabolismo, Seconda Università di Napoli
- ◆ Prof. **Raffaele Marfella**, Dipartimento di Geriatria e Malattie del Metabolismo, Seconda Università di Napoli

- ◆ Prof. Salvatore Cuzzocrea, Dipartimento di Medicina Clinica e Sperimentale e Farmacologia, Facoltà di Medicina, Università di Messina

### Invited Speaker

July 1990	XIth International Congress of Pharmacology, Amsterdam, NL
September 1991	X Convegno Nazionale della Divisione di Chimica della Società Chimica Italiana, Siena
September 1992	3rd International Symposium on the Chemistry and Pharmacology of Pyridazines, Como
September 1992	XXVI National Congress of Italian Society of Pharmacology, Napoli
May 1993	Riun. Monatem. Nazion. Soc. Italiana Farmacologia, Siena
August 1993	3rd Int. Congress on Amino Acids, Peptides and Analogues, Vienna, A
September 1993	V Joint meeting British and Italian Societies of Pharmacology, Rome
March 1994	Incontro Nazionale di Farmacologia del Cuore, dei Vasi e del Microcircolo, Padova
September 1994	XXVII Congresso Nazionale della Società Italiana di Farmacologia, Torino
September 1994	X Congresso della Società Italiana di Tossicologia, Pavia
June 1995	First European Congress of Pharmacology, Milano
October 1995	49° Congresso Nazionale della Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva, Sorrento
December 1995	British Pharmacological Society meeting, Brighton, U.K.
September 1996	3° Incontro Nazionale di Farmacologia del cuore dei vasi e del microcircolo, Maratea
December 1996	British Pharmacological Society meeting, Brighton, U.K.
May 1997	XXVIII Congresso Nazionale della Società Italiana di Farmacologia, Bari
May 1997	7 <sup>th</sup> Annual Meeting of the European Neuropeptide Club, Marburg, Germany
July 1997	International Symposium of the European Pharmacological Societies, Firenze
September 1997	British Pharmacological Society meeting, Edinburgh, U.K.
October 1997	XIV National Congress of Italian Society of Hypertension, Firenze
May 1998	6 <sup>th</sup> Joint Meeting of the Italian, Hungarian and Polish Pharmacological Societies, Pisa
June 1998	17 <sup>th</sup> Scientific Meeting of International Society of Hypertension, Amsterdam
July 1998	XIIIth International Congress of Pharmacology, Munchen, Germany
September 1998	British Pharmacological Society meeting, Southampton U.K.
June 1999	IXth European meeting of the European Society of Hypertension, Milan
June 1999	XXIX Congress of the Italian Society of Pharmacology, Florence

January 2000	British Pharmacological Society meeting, Cambridge U.K.
June 2000	XI International Congress on Prostaglandins and Leukotriens, Florence
December 2000	British Pharmacological Society e SIF meeting, Birmingham U.K.
December 2000	Congres of Società Italiana di Cardiologia, Roma
May 2001	XXX Congress of the Italian Society of Pharmacology, Symposium, Capri
May 2001	XXX Congress of the Italian Society of Pharmacology, Genova
October 2001	Monotematico Nazionale di Farmacologia Cardiovascolare, SIF, Amalfi
May 2002	Congresso Nazionale di Farmacologia Oculare, Catania
May 2002	Monotematico di Farmacologia del Monossido D'Azoto, SIF, Milano
October 2004	International Congress of the Society of Hypertension, Florence

## Referees

1990-	Prof. F. Rossi, Institute of Pharmacology and Toxicology, Faculty of Medicine and Surgery 2nd University of Naples, Italy
1994	Prof. K.M. Spyer, Department of Physiology Royal Free Hospital School of Medicine - London
1995- The College	Prof. Timothy D. Warner c/o Prof Sir John R. Vane, William Harvey Research Institute-The Medical of St. Bartolomew's Hospital Charterhouse Square, Londra EC1M 6BQ
1997	Prof. Cherry L. Wainwright. Department of Physiology and Pharmacology. University of Strathclyde, Royal College. Glasgow, Scotland
1997-	Prof. Mauro Perretti. Department of Biochemical Pharmacology The St. Bartholomew's and Royal London School of Medicine and Dentistry, Charterhouse Square, London EC1M 6BQ

## Publications

### 1990

#### Abstracts

A1. D. Donnoli, A. Filippelli, R. Marrazzo, N. Carapella, L. Molinario, **M. D'Amico**, M. Marmo, C. Lucarelli, L. Cilenti, A. Loffreda, M. Carnevale: Vasomotor reactivity in rats exposed pre-and postnatally to toxic agents and drugs. *Pharmacol Res* 1990; 22 (Suppl 2): 175

A2. S. Maione, S. Vitagliano, D. De Santis, W. Filippelli, N. Carapella, M. A. Costantino, C. Matera, **M. D'Amico**, A. Loffreda: Participation of mechanisms mediate by the adrenergic system and by arginine vasopressin in the hypertension induced by intracerebral administration of NMDA in freely moving and anesthetized rats. *Pharmacol Res* 1990; 22 (Suppl 1): 85

A3. S. Maione, S. Vitagliano, D. De Santis, W. Filippelli, N. Carapella, M. A. Costantino, C. Matera, **M. D'Amico**, A. Loffreda: Participation of mechanisms mediate by the adrenergic system and by arginine vasopressin in the hypertension induced by intracerebral administration of NMDA in freely moving and anesthetized rats. *Pharmacol Res* 1990; 22 (Suppl 2): 287

### 1992

#### Original Scientific Paper on Journals (enclosed in SCI Journal Citation Reports)

L1. F. Manna, F. Chimenti, A. Bolasco, M.L. Cenicola, **M. D'Amico**, C. Parrillo, F. Rossi, E. Marmo: Anti-inflammatory, analgesic and antipyretic N-acetyl-d<sup>2</sup>-pyrazolines and dihydrothienocumarines. *Eur J Med Chem* 1992; 27: 633-639

L2. F. Bondavalli, O. Bruno, A. Ranise, P. Schenone, **M. D'Amico**, C. Parrillo, W. Filippelli, F. Rossi: 3,5-diphenyl-1H-pyrazole derivates IX. 2-substituted 4-phenyl-5-(3,5-diphenyl-1H-pyrazol-1-yl) pyrimidines with platelet antiaggregating and others activities. *Il Farmaco.* 1992; 47 (2): 171-190

L3. L. Mosti, G. Menozzi, P. Fossa, P. Schenone, E. Lampa, C. Parrillo, **M. D'Amico**, F. Rossi: 4-Substituted 1-methyl-1H-indazoles with analgesic, antiinflammatory and antipyretic activities. *Il Farmaco* 1992; 47 (5): 267-284

L4. S.Schenone, O. Bruno, A. Ranise, F. Bondavalli, **M. D'Amico**, C. Parrillo, E. Lampa, F. Rossi: N-Substituted O-(3-amino-2-hydroxypropyl)oximes of 1,3,3-trimethyl-5-endo-(1-piperidinyl or 4-morpholinyl)-2-oxabicyclo (2.2.2)-octan-6-ones-with platelet antiaggregating and local anesthetic activities *Il Farmaco* 1992; 47 (10):1249-1262

L5. O. Bruno, A. Ranise, F. Bondavalli, P. Schenone, **M. D'Amico**, E. Lampa, C: Falzarano, F. Rossi: 3,5-Diphenyl-1H-pyrazole derivates X. N-Substituted 1-(2-aminopropyl)-and 1-(3-amino-2-hydroxypropyl)-3,5-diphenyl-1H-pyrazoles with antiinflammatory and other activities. *Il Farmaco* 1992; 47 (10): 1235-1248

L6. G. Menozzi, L. Mosti, P. Schenone, **M. D'Amico**, A. Filippelli, F. Rossi: 4H-thieno(3,4-c)pyrazole derivates with antiinflammatory, analgesic, antipyretic and platelet antiaggregating activities. *Il Farmaco* 1992; 47 (12): 1495-1511

L7. A. Ranise, F. Bondavalli, O. Bruno, S. Schenone, **M. D'Amico**, C. Parrillo, R. Marrazzo, F. Rossi: Dialkylaminoalkyl esters of N-phenyl aminethiocarboximidic acids with local anesthetic and other activities. *Il Farmaco* 1992; 47 (10): 1263-1283

L8. A. Bargagna, M. Longobardi, E. Mariani, P. Schenone, F. Rossi, **M. D'Amico**, C. Falzarano: Cyclohepta(b)pyran derivates with antiaggregating and other activities. *Il Farmaco.* 1992; 47 (3): 345-355

### **Abstracts**

A4. F. Bondavalli, O. Bruno, P. Schenone, **M. D'Amico**: SAR in 3,5-diphenyl1-H-pyrazole with pharmacological activities. *Pharmacol Res* 1992; 26 (Suppl 1): 241

A5. F. Manna, F. Chimenti, A. Bolasco, F. Rossi, M.L. Cenicola, **M. D'Amico**, C. Parrillo: Anti-inflammatory, analgesic and antipyretic N-acetyl-d<sup>2</sup>-pyrazolines and dihydrothienocumarines. *Pharmacol Res* 1992; 26 (Suppl 1):267

**1993**

### **Original Scientific Paper on Journals (enclosed in SCI Journal Citation Reports)**

L9. S. Maione, **M. D'Amico**, L. Berrino, A. Filippelli, J. Leyva, F. Rossi: Involvement of PAG area NMDA receptors on Endothelin-induced behavioural effects. *Eur J Pharmacol* 1993; 250: 209-212.

- L10. E. Abignente, P. De Caprariis, M. G. Rimoli, L. Avallone, L. Gomez Paloma, F. Rossi, **M. D'Amico**, V. Calderaro, C. Parrillo: Research on heterocyclic compounds. XXXI. Synthesis and antiinflammatory activity of 2-arylimidazo(1,2-a) pyrazine-3-carboxylic acids. *Eur J Med Chem* 1993; 28: 337- 347
- L11. G. Menozzi, L. Mosti, P. Schenone, **M. D'Amico**, C. Falzarano, F. Rossi: N-Substituted 4-carboxy-1-phenyl-1-H-pyrazole-5-propanamides with antiinflammatory, analgesic, antipyretic and platelet antiaggregating activities. *Il Farmaco* 1993; 48 (4): 539-549
- L12. A. Ranise, O. Bruno, F. Bondavalli, **M. D'Amico**, C. Falzarano, A. Filippelli, E. Lampa N-Acyl-4,7,7-Trimethyl-N-Phenyl-3-(1-Piperidinyl or dimethylamino)bicyclo2.2.1hept-2-ene-2-Carbothioamides with platelet antiaggregating and others activities. *Il Farmaco* 1993; 48 (4): 551-565
- L13. O. Bruno, A. Ranise, F. Bondavalli, P. Schenone, **M. D'Amico**, A. Filippelli, W. Filippelli, F. Rossi: 3,5-Diphenyl-1H-Pyrazole derivates XI. N-Aryl-5(3)-Phenyl-4-(3,5-Diphenyl-1-Pyrazolyl)-3(5)-Pyrazole amines, 5-substituted 4,5-Dihydro-3-Phenyl-4-(3,5-Diphenyl-1-Pyrazolyl)-1H-Pyrazoles and 2,6-disubstituted 1,6-Dihydro-4-Phenyl-5-(3,5-Diphenyl-1-Pyrazolyl)Pyrimidines with antipyretic, antiinflammatory and other activities. *Il Farmaco* 1993; 48 (7): 949 - 966
- L14. O. Bruno, A. Ranise, F. Bondavalli, P. Schenone, **M. D'Amico**, A. Filippelli, M. Falciani, F. Rossi: N-substituted 4,5(3-diphenyl-3(5)-pyrazoleamines with antipyretic, antiarrhythmic, hypotensive and other activities. *Il Farmaco* 1993; 48 (7): 967-977
- L15. M. Longobardi, A. Bargagna, E. Mariani, P. Schenone, **M. D'Amico**, A. Filippelli, C. Falzarano, E. Lampa: 2H-1-Benzopyran derivatives with platelet antiaggregating and others activities. *Il Farmaco* 1993, 48 (8): 1121-1130
- L16. O. Bruno, A. Ranise, S. Schenone, F. Bondavalli, **M. D'Amico**, M. Falciani, L. Berrino, F. Rossi: 3-(Arylamino)-6,7-dihydro-6-methylpyrano[4,3-c]pyrazol-4(1H or 2H)-ones with antipyretic, analgesic, antiarrhythmic, hypotensive and other activities. *Il Farmaco* 1993, 48 (12): 1697-1708.

1994

*Original Scientific Paper on Journals (enclosed in SCI Journal Citation Reports)*

L17. S. Vitagliano, L. Berrino, A. Pizzirusso, **M. D'Amico**, V. Calderaro, S. Maione, F. Rossi: Metabotropic glutamate receptors are involved in the control of breathing at medulla oblongata level of anaesthetized rat. *Neuropharmacology* 1994, 33: 859-864

L18. **M. D'Amico**, L. Berrino, A. Filippelli, S. Maione, F. Rossi: Relationship between L-arginine-NO pathway and Endothelin-1 effect in the Periaqueductal Gray area of the rat. *J Cardiovasc Pharmacol* 1994, 24:974-978

L19. E. Abignente, A. Sacchi, S. Laneri, F. Rossi, **M. D'Amico**, L. Berrino, V. Calderaro, C. Parrillo: Research on heterocyclic compounds. XXXII. Synthesis and cyclooxygenase-independent antiinflammatory and analgesic activity of imidazo[1,2-a]pyrimidine derivates. *Eur J Med Chem* 1994, 29: 279-286

L20. G. Cignarella, G.A. Pinna, M.M. Curzu, D. Barlocco, **M. D'Amico**, A. Filippelli; V. De Novellis, F. Rossi: Synthesis and pharmacological evaluation of thienocinnoli-3-(2H)-ones, bioisosters of antihypertensive and antithrombotic benzo(h)cinnolinones. *Eur J Med Chem* 1994, 29:447-454

L21. P. De Caprariis, F. Palagiano, F. Bonina, L. Montenegro, **M. D'Amico**, F. Rossi: Synthesis and pharmacological evaluation of oligoethylene ester derivatives as indometacin oral prodrugs. *J Pharmacol Sci.* 1994, Vol.83, No 11:1578-1581

L22. G. Menozzi, L. Mosti, P. Schenone, **M. D'Amico**, M. Falciani, W. Filippelli: 1-aryl-1H-pyrazoles-5-acetic acids with antiinnflammatory, analgesic and other activities. *Il Farmaco* 1994, 49 (2): 115-119.

L23. L. Mosti, G. Menozzi, P. Schenone, **M. D'Amico**, M. Falciani, F. Rossi: Ethyl or methyl 6-substituted 3-(benzoylamino)-2-oxo-2H-pyran-5-carboxylates and 3-(benzoylamino)-7,8-dihydro-2H-1-benzopyran-2,5(6H)-diones with local anesthetic, platelet antiaggregating and other activities. *Il Farmaco* 1994, 49: 45-50.

L24. S. Schenone, O. Bruno, A. Ranise, F. Bondavalli, **M. D'Amico**, C. Vacca, M. Falciani, A. Filippelli: O-[ $\omega$ -(Dialkylamino)alkyl]oximes of (+)-1,7,7-trimethylbicyclo[2.2]heptan-2-one with hypotensive, antiinflammatory, analgesic, local anaesthetic and other activities. *Il Farmaco* 1994, 49(9): 545-550

L25. E. Mariani, A. Bargagna, M. Longobardi, P. Schenone, **M. D'Amico**, W. Filippelli, M. Falciani, A. Filippelli. O-(2-Dialkylaminoethyl)oximes of 5-(Arylmethylene)-1,3,3-trimethyl-2-

oxabicyclo[2.2.2]octan-6-ones with hypotensive, antiarrhythmic and other activities. *Il Farmaco* 1994, 49(4): 267-270

L26. O. Bruno, A. Ranise, F. Bondavalli, S. Schenone, **M. D'Amico**, M. Falciani, C. Vacca, A. Filippelli. 3,5-Diphenyl-1H-pyrazole derivatives XII. N-substituted 4-amino-1-(2-Hydroxy-or2-alkylaminoethyl)-3,5-diphenyl-1H-pyrazoles with local anaesthetic, analgesic and platelet antiaggregating activities. *Il Farmaco* 1994, 49(9): 533-540

L27. L. Mosti, P. Schenone, M. del Mar Mahiques, P. Dorigo, D. Fraccarollo, G. Santostasi, **M. D'Amico**, M. Falciani, E. Lampa. Synthesis and Pharmacological activities of ethyl 5-cyano-1,6-dihydro-6-oxo-2-(2,3,4-pyridyl)-3-pyridinecarboxylates and derivatives. *Il Farmaco* 1994, 49(9): 559-566

L28. S. Shenone, O. Bruno, A. Ranise, F. Bondavalli, **M. D'Amico**, M. Piu, W. Filippelli, L. Berrino: 5-[ $\omega$ -(Dialkylamino)alkoxy]methylene]-1,3,3-trimethyl-2-oxabicyclo[2.2.2]octan-6-ones with hypotensive, local anaesthetic, antiarrhythmic and other activities. *Il Farmaco* 1994, 49(9): 541-544

L29. A. Ranise, O. Bruno, F. Bondavalli, S. Schenone, **M. D'Amico**, M. Falciani, W. Filippelli, F. Rossi. 5-substituted 2,3dihydro-6-mercaptop-1,3-diphenyl-2-thioxo-4(3H)-pyrimidinones and their 6-(acylthio) derivatives with platelet antiaggregating, antiinflammatory, antiarrhythmic, antihyperlipidemic and other activities. *Il Farmaco* 1994, 49(9): 551-558

### **Abstracts**

A6. L. Berrino, **M. D'Amico**, A. Pizzirusso, S. Vitagliano, F. Rossi: Excitatory amino acids modulate the cardiovascular effects of endothelin-1 in the periaqueductal grey area. *Br J Pharmacol* 1994, 111: 173P

**1995**

### **Original Scientific Paper on Journals (enclosed in SCI Journal Citation Reports)**

L30. **M. D'Amico**, L. Berrino, S. Maione, A. Filippelli, A. Pizzirusso, S. Vitagliano, F. Rossi: Endothelin-1 in rat central gray induces hypertension via glutamatergic receptors. *Hypertension* 1995, Vol.25, No 4(1):507-510

- L31. L. Stella, V. de Novellis, S. Maione, J. Leyva, **M. D'Amico**, L. Berrino, A. Filippelli, F. Rossi: Relationship between purinergic and glutamatergic systems in the opiate withdrawal syndrome. *Res Comm Mol Pathol Pharmacol* 1995, 87: 55-56
- L32. **M. D'Amico** and T. D. Warner: Involvement of endothelin in the pressor response following injection of NMDA to the periaqueductal gray area of rats. *Brit J Pharmacol* 1995, 116: 2787-2789
- L33. **M. D'Amico**, L. Berrino, S. Maione, A. Pizzirusso, F. Rossi. Effects of L-NAME on endothelin-1-induced barrel-rolling in periaqueductal gray area of rats. *Life Sci* 1995, 57: PL357-PL359
- L34. F. Palagiano, L. arenare, E. Luraschi, P. de Caprariis, E. Abignente, **M. D'Amico**, W. Filippelli, F. Rossi. Research on heterocyclic compounds. XXXIV. Synthesis and SAR study of some imidazo[2,1-b]thiazoe-carboxylic and.acetic acids with anti-inflammatory and analgesic activities. *Eur J Med Chem* 1995, 30:901-909
- L35. M. Longobardi, a. Bargagna, E. Mariani, P. Schenone, **M. D'Amico**, M. Falciani, W. Filippelli, C. Contaldi: Cycloocta[b]pyran derivatives with local anaesthetic, platelet antiaggregating and other activities. *Il Farmaco* 1995, 50(1): 55-59
- L36. S. Schenone, O. Bruno, A. Ranise, F. Bondavalli, **M. D'Amico**, W. Filippelli, G. Falcone, V. de Novellis: 2-Aryl-3-phenylamino-4,5-dihydro-2H-benz[g]indazoles with antiarrhythmic and local anaesthetic activities. *Il Farmaco* 1995, 50(3): 179-182
- L37. E. Furaschi, F. Arena, A. Sacchi, S. Laneri, E. Abignente, **M. D'Amico**, L. Berrino, F. Rossi: Research on heterocyclic compounds. XXXIII-synthesis and analgesic activity of imidazo[1,2-b] pyridazine-2-acetic acid derivatives. *Il Farmaco* 1995, 50(5): 349-354

1996

*Original Scientific Paper on Journals (enclosed in SCI Journal Citation Reports)*

- L38. L. Berrino, A. Pizzirusso, S. Maione, S. Vitagliano, **M. D'Amico**, F. Rossi: Hypothalamic paraventricular nucleus involvement in PAG area NMDA-induced hypertension *Naunyn Schmiedeberg's Archives of Pharmacol* 1996, 353: 157-60
- L39. **M. D'Amico**, L. Berrino, S. Maione, F. Rossi. Selective and non-selective ET antagonists reveal an ET<sub>B</sub> receptors mediate ET-1-induced behavioural effect in conscious rats. *Life Sci* 1996, 58: PL177-PL180

- L40. **M. D'Amico**, L. Berrino, A. Pizzirusso, S. Vitagliano, V. de Novellis, F. Rossi. Opposing effects on blood pressure following the activation of metabotropic and ionotropic glutamate receptors in raphe obscurus in anaesthetized rat. *Naunyn Scmiedeberg's Archives of Pharmacol* 1996, 353: 302-305
- L41. **M. D'Amico**, L. Berrino, S. Maione, A. Filippelli, V. de Novellis, F. Rossi: Endothelin-1 in periaqueductal gray area of mice induces analgesia via glutamatergic receptors. *Pain* 1996, 65:205-209
- L42. A. Filippelli, M. Falciani, A. Palla, **M. D'Amico**, C. Vacca, F. Rossi. Different distribution of ET-1 receptors subtypes in rat portal vein. *J Cardiovasc Pharmacol* 1996, 22:113-118
- L43. **M. D'Amico**, M.R. Dashwood, T.D. Warner. Endothelin and the periaqueductal grey area of the rat: an autoradiographic and functional pharmacological study. *Brit J Pharmacol* 1996, 118:21-26
- L44. S. Vitagliano, L. Berrino, **M. D'Amico**, S. Maione, V. de Novellis, F. Rossi. Involvement of nitric oxide in cardiorespiratory regulation in the nucleus tractus solitarii. *Neuropharmacology* 1996, 35:625-631
- L45. **M. D'Amico**, C. Di Filippo, L. Berrino, F. Rossi. Angiotensin II, via an action at AT1 receptors may modulate behavioural effects of ET-1 in conscious rats. *Life Sci* 1996, 59:PL355-PL358
- L46. **M. D'Amico**, F. Rossi, T.D. Warner. Cardiovascular responses induced by injection of endothelin-1 into the superior colliculus of rats. *Eur J Pharmacol* 1996, 316:245-247
- L47. L. Stella, V. de Novellis, L. Berrino, **M. D'Amico**, F. Rossi. Evidence that A<sub>2a</sub> and not A<sub>2b</sub> purinoceptors are coupled to production of nitric oxide in the central regulation of blood pressure. *Environmental Toxicol Pharmacol* 1996, 2:327-329

### **Abstracts**

- A7. **M. D'Amico**, M.R. Dashwood, T.D. Warner. Endothelin and the periaqueductal grey area of the rat: an autoradiographic and functional pharmacological study. *Brit J Pharmacol* 1996, 117:12P

A8. **M. D'Amico**, M.R. Dashwood, T.D. Warner, F. Rossi. Endothelin and the periaqueductal grey area of the rat: an autoradiographic and functional pharmacological study. *Fund Clin Pharmacol* 1996, 10:182P

A9. A. Filippelli, M. Falciani, A. Palla, **M. D'Amico**, C. Vacca, F. Rossi. Different distribution of endothelin-1 receptor subtype in rat portal vein. *Fund Clin Pharmacol* 1996, 10:188P

## 1997

### *Original Scientific Paper on Journals (enclosed in SCI Journal Citation Reports)*

L48. **M. D'Amico**, C. Di Filippo, L. Berrino, F. Rossi. AT<sub>1</sub> receptors mediate pressor responses induced by Angiotensin II in the periaqueductal gray area of rats. *Life Sci* 1997, 61:PL17-PL20

L49. **M. D'Amico**, F. Rossi, T.D. Warner. Regulation of blood pressure by L-arginine-nitric oxide pathway within the superior colliculus of rats. *Eur J Pharmacol* 1997, 328:65-67

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Di Filippo C, Rossi C, Ferraro B, Maisto R, De Angelis A, Ferraraccio F, Rotondo A, **D'Amico M.** Involvement of proteasome and macrophages m2 in the protection afforded by telmisartan against the acute myocardial infarction in zucker diabetic fatty rats with metabolic syndrome. *Mediators Inflamm.* 2014, *in press*

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## 2015

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## 2016

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Maisto R, Gesualdo C, Trotta MC, Grieco P, Testa F, Simonelli F, Barcia JM, D'Amico M, Di Filippo C, Rossi S. Melanocortin receptor agonists MCR(1-5) protect photoreceptors from high-glucose damage and restore antioxidant enzymes in primary retinal cell culture. *J Cell Mol Med.* 2017 May;21(5):968-974.

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Siniscalco D, Trotta MC, Brigida AL, Maisto R, Luongo M, Ferraraccio F, D'Amico M, Di Filippo C. Intraperitoneal Administration of Oxygen/Ozone to Rats Reduces the Pancreatic Damage Induced by Streptozotocin. *Biology (Basel).* 2018; 7(1).

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## 2019

Platania CBM, Maisto R, Trotta MC, D'Amico M, Rossi S, Gesualdo C, D'Amico G, Balta C, Herman H, Hermenean A, Ferraraccio F, Panarese I, Drago F, Bucolo C. Retinal and circulating miRNA expression patterns in diabetic retinopathy: an in silico and in vivo approach. *Br J Pharmacol.* 2019 Mar 18.

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\* Share first authorship

## Meetings with personal contributions

Luglio 1990	XIth International Congress of Pharmacology, Amsterdam, NL
Settembre 1991	X Convegno Nazionale della Divisione di Chimica della Società Chimica Italiana, Siena
Settembre 1992	3rd International Symposium on the Chemistry and Pharmacology of Pyridazines, Como
Settembre 1992	XXVI National Congress of Italian Society of Pharmacology, Napoli
Maggio 1993	Riun. Monotem. Nazion. Soc. Italiana Farmacologia, Siena
Agosto 1993	3rd Int. Congress on Amino Acids, Peptides and Analogues, Vienna, A
Settembre 1993	V Joint meeting British and Italian Societies of Pharmacology, Rome
Marzo 1994	Incontro Nazionale di Farmacologia del Cuore, dei Vasi e del Microcircolo, Padova
Settembre 1994	XXVII Congresso Nazionale della Società Italiana di Farmacologia, Torino
Settembre 1994	X Congresso della Società Italiana di Tossicologia, Pavia
Giugno 1995	First European Congress of Pharmacology, Milano
Ottobre 1995	49° Congresso Nazionale della Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva, Sorrento
Dicembre 1995	British Pharmacological Society Meeting, Brighton, U.K.
Settembre 1996	3° Incontro Nazionale di Farmacologia del Cuore dei Vasi e del Microcircolo, Maratea
Dicembre 1996	British Pharmacological Society meeting, Brighton, U.K.
Maggio 1997	XXVIII Congresso Nazionale della Società Italiana di Farmacologia, Bari
Maggio 1997	7th Annual Meeting of the European Neuropeptide Club, Marburg, Germany
Luglio 1997	International Symposium of the European Pharmacological Societies, Firenze
Settembre 1997	British Pharmacological Society meeting, Edinburgh, U.K.
Ottobre 1997	XIV Congresso Nazionale della Società Italiana dell'Ipertensione Arteriosa, Firenze
Maggio 1998	6 <sup>th</sup> Joint Meeting of the Italian, Hungarian and Polish Pharmacological Societies, Pisa
Giugno 1998	17 <sup>th</sup> Scientific Meeting of International Society of Hypertension, Amsterdam
Luglio 1998	XIIIth International Congress of Pharmacology, Munchen, Germany
Settembre 1998	British Pharmacological Society meeting, Southampton U.K.
Giugno 1999	IXth European meeting of the European Society of Hypertension, Milano
Giugno 1999	XXIX Congress of the Italian Society of Pharmacology, Firenze
Dicembre 1999	British Pharmacological Society meeting, Cambridge U.K.
Gennaio 2000	British Pharmacological Society meeting, Cambridge U.K.
Giugno 2000	XI International Congress on Prostaglandins and Leukotriens, Florence

Dicembre 2000	British Pharmacological Society e SIF meeting, Birmingham U.K.
Dicembre 2000	Congresso Società Italiana di Cardiologia, Roma
Maggio 2001	XXX Congress of the Italian Society of Pharmacology, Symposium, Capri
Maggio 2001	XXX Congress of the Italian Society of Pharmacology, Genova
Ottobre 2001	Monotematico Nazionale di Farmacologia Cardiovascolare, SIF, Amalfi
Maggio 2002	Congresso Nazionale di Farmacologia Oculare, Catania
Maggio 2002	Monotematico di Farmacologia del Monossido D'Azoto, SIF, Milano
Ottobre 2004	XXI Congresso Nazionale della società Italiana Ipertensione, Firenze
2003	XXXI Congress of the Italian Society of Pharmacology, Trieste
2005	XXXII Congress of the Italian Society of Pharmacology, Napoli
2007	XXXIII Congress of the Italian Society of Pharmacology, Cagliari
2009	XXXIV Congress of the Italian Society of Pharmacology, Rimini
2011	XXXV Congress of the Italian Society of Pharmacology, Bologna
Ottobre 2013	XXXVI Congress of the Italian Society of Pharmacology, Turin
Ottobre 2015	XXXVII Congress of the Italian Society of Pharmacology, Naples
Ottobre 2016	XXXVIII Congress of the Young Italian Society of Pharmacology, Rimini
Maggio 2017	ARVO Meeting, Baltimore
Ottobre 2017	XXXVIII Congress of the Italian Society of Pharmacology, Rimini