

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

Name **Fidilio Annamaria**
Address **Via Libertà, 111 95124, Pachino (SR), Italy**
Telephone **+393407786040**
E-mail [**annafidilio@yahoo.it**](mailto:annafidilio@yahoo.it)
Nationality **Italian**
Place and Date of Birth **RAGUSA (RG) OCTOBER 11 1980**

WORK EXPERIENCE

- November **2018** – November **2019**
 - Research programm **Research Fellowship**
Analysis of the TGF-beta 1 pathway in animal models of chronic stress and depression associated with cognitive dysfunction
 - Name and type of organization **University of Catania, Department of Drug Sciences, Viale Andrea Doria, 6. 95124.**

- August **2017** – June **2018**
 - Research programm **Research Fellowship - PON01_01434 RE.A.C.T. (Retinopathies Advanced Care Therapies) - SIFI S.p.A**
Study of the efficacy and safety profile of ophthalmic formulations on retinal and corneal cells
 - Name and type of organization **University of Catania, Department of Biomedical and Biotechnological Sciences, Section of Pharmacology, Via Santa Sofia, 89. 95123.**

- July **2016** - July **2017**
 - Research programm **Research Fellowship**
Study of the efficacy and safety profile of ophthalmic formulations on differentiated cells
 - Name and type of organization **University of Catania, Department of Biomedical and Biotechnological Sciences, Section of Pharmacology, Via Santa Sofia, 89. 95123.**

- September **2015**- December **2015**
 - Research programm **Stage within the Regulatory Disciplines of Medication**
*New Regulation on clinical trials in Europe: what changes?
The role and responsibilities of the study director in accordance with the principles of Good Laboratory Practice, GLP.*
 - Name and type of organization **UNIFARM Research Centre, Viale Andrea Doria 21, 95125 Catania**

- June **2015** - December **2015**
 - **Fixed-term contract - PON01_00110 - Industrial development - SOOFT**

- Research programm
 - Name and type of organization

- February 2015 - May 2015
 - Research programm
 - Name and type of organization

- January 2014 - January 2015
 - Research programm
 - Name and type of organization

- January 2013 - December 2013
 - Research programm
 - Name and type of organization

- February 2011 - January 2012
 - Research programm
 - Name and type of organization

Italia

Innovative nanotechnological platforms for the delivery of drugs in ophthalmology

University of Catania, Department of Biomedical and Biotechnological Sciences, Section of Pharmacology, Viale Andrea Doria 6, 95124.

Co.co.co for technical support within the foreseen activities in the project

Study of the behavioral phenotype of D3 and Dysbindin Knock out mice

University of Catania, Department of Biomedical and Biotechnological Sciences, Section of Pharmacology, Viale Andrea Doria 6, 95124.

Co.co.co for technical and management assistance for the training intervention foreseens by PON01_00110 - Training of researchers in neuropharmacology with PhD qualification.

Innovative nanotechnological platforms for the delivery of drugs in ophthalmology

University of Catania, Department of Molecular and Clinical Biomedicine, Section of Pharmacology, Viale Andrea Doria 6, 95124.

Research Grant for the Scientific-Disciplinary Sector BIO/14 "Pharmacology"

Cerebral Ischemia, Stroke and Inflammation: proapoptotic cytokines as molecular target for innovative therapy.

University of Catania, Department of Molecular and Clinical Biomedicine, Section of Pharmacology, Viale Andrea Doria 6, 95124.

Research Fellowship Bristol-Myers Squibb S.r.l.

Evaluation of chronic myeloid leukemia treatment using biological drugs, aimed at defining a correct diagnostic-therapeutic pathway for patients with chronic myeloid leukemia

University Hospital Policlinico-Vittorio Emanuele - Catania

EDUCATION AND TRAINING

- October 10 - 13 2016
 - Name and type of organization providing education and training
 - Teacher

- January 15 2016
 - Name and type of organization providing education and training
 - Title and professional qualification obtained

- March 18 2011

Animal experimentation course in ocular pharmacology field

University of Catania, Department of Biomedical and Biotechnological Sciences, Section of Pharmacology, Via Santa Sofia, 89. 95123.

Prof. Claudio Bucolo

Master in Regulatory Disciplines of Medication

University of Catania, Department of Biomedical and Biotechnological Sciences, Section of Pharmacology, Viale Andrea Doria 6, 95124.

Master in Regulatory Disciplines of Medication. Vote 110/110

PhD in Medical Embryology, Pathology and Experimental Hematology

- Name and type of organization providing education and training
- Title and professional qualification obtained

XXIII cycle, University of Catania

University of Catania, Department of Biomedical Sciences, Section of General Pathology, Via Androne 83, 95124.

PhD in Medical Embryology, Pathology and Experimental Hematology

- September 10 **2007**
 - Name and type of organization providing education and training
 - Title and professional qualification obtained

B&M Degree in Biology

University of Catania, Faculty of Mathematical, Physical and Natural Sciences, Department of Biology.

B&M Degree in Biology. Vote 110/110 cum laude

PUBLICATIONS

- Title **UNSUCCESSFULL DASATINIB THERAPY IN A REFRACTORY PATIENT WITH CHRONIC LYMPHOCYTIC LEUKEMIA.**
Stagno F, Vigneri P, Del Fabro V, Fidilio A, Spina P, Massimino M, Messina A, Di Raimondo F.
Acta Haematol. 2010;124(2):103-4. doi: 10.1159/000316000.
- Title **IRF5 PROMOTES THE PROLIFERATION OF HUMAN THYROID CANCER CELLS.**
Michele Massimino, Paolo Vigneri, Manuela Fallica, Annamaria Fidilio, Alessandra Aloisi, Francesco Frasca and Livia Manzella.
Mol Cancer. 2012 Apr 16;11:21. doi: 10.1186/1476-4598-11-21.
- Title **DOPAMINE D3 RECEPTOR-DEPENDENT CHANGES IN ALPHA6 GABAA SUBUNIT EXPRESSION IN STRIATUM MODULATE ANXIETY-LIKE BEHAVIOUR: RESPONSIVENESS AND TOLERANCE TO DIAZEPAM.**
Gian Marco Leggio, Sebastiano A Torrisi, Alessandro Castorina, Chiara Bianca Maria Platania, Agata Antonia Rita Impellizzeri, Annamaria Fidilio, Filippo Caraci, Claudio Bucolo, Filippo Drago, Salvatore Salomone.
Eur Neuropsychopharmacol. 2015 Sep;25(9):1427-36. doi: 10.1016/j.euroneuro.2014.11.004.
- Title **GABAPENTIN ATTENUATES OCULAR INFLAMMATION: IN VITRO AND IN VIVO STUDIES**
Anfuso CD, Olivieri M, Fidilio A, Lupo G, Rusciano D, Pezzino S, Gagliano C, Drago F, Bucolo C
Front Pharmacol. 2017 Apr 4;8:173. doi: 10.3389/fphar.2017.00173.
- Title **ANTIOXIDANT AND OSMOPROTECTING ACTIVITY OF TAURINE IN DRY EYE MODELS**
Bucolo C, Fidilio A, Platania CBM, Geraci F, Lazzara F, Drago F.
J Ocul Pharmacol Ther. 2017 Aug 3. doi: 10.1089/jop.2017.0008.
- Title **TOPICAL OCULAR DELIVERY OF TGF- β 1 TO THE BACK OF THE EYE: IMPLICATIONS IN AGE-RELATED NEURODEGENERATIVE DISEASE.**
Platania CBM, Fisichella V, Fidilio A, Geraci F, Lazzara F, Leggio GM, Salomone S, Drago F, Pignatello R, Caraci F, Bucolo C.
Int J Mol Sci. 2017 Sep 30;18(10). pii: E2076. doi: 10.3390/ijms18102076.

- Title **EFFECTS OF NOVEL NITRIC OXIDE-RELEASING MOLECULES AGAINST OXIDATIVE STRESS ON RETINAL PIGMENTED EPITHELIAL CELLS**
Pittalà V, Fidilio A, Lazzara F, Platania CBM, Salerno L, Foresti R, Drago F, Bucolo C.
Oxid Med Cell Longev. 2017;2017:1420892. doi: 10.1155/2017/1420892. Epub 2017 Oct 12.

- Title **RETINAL PROTECTION AND DISTRIBUTION OF CURCUMIN IN VITRO AND IN VIVO**
Platania CBM, Fidilio A, Lazzara F, Piazza C, Geraci F, Giurdanella G, Leggio GM, Salomone S, Drago F, Bucolo C.
Front Pharmacol. 2018 Jun 22;9:670. doi: 10.3389/fphar.2018.00670. eCollection 2018.

- Title **NAP MODULATES HYPERGLYCAEMIC/INFLAMMATORY EVENT OF DIABETIC RETINA BY COUNTERACTING OUTER BLOOD RETINAL BARRIER DAMAGE**
Agata Grazia D'Amico, Grazia Maugeri, Daniela Rasà, Concetta Federico, Salvatore Saccone, Francesca Lazzara, Annamaria Fidilio, Filippo Drago, Claudio Bucolo, Velia D'Agata
J Cell Physiol. 2019 Apr;234(4):5230-5240. doi: 10.1002/jcp.27331. Epub 2018 Oct 30.

- Title **CHK1 INHIBITION RESTORES INOTUZUMAB OZOGAMICIN CITOTOXICITY IN CD22-POSITIVE CELLS EXPRESSING MUTANT P53**
Elena Tirrò, Michele Massimino, Chiara Romano, Maria Stella Pennisi, Stefania Stella, Silvia Vitale, Annamaria Fidilio, Livia Manzella, Nunziatina Parrinello, Fabio Stagno, Giuseppe Palumbo, Piera La Cava, Alessandra Romano, Francesco Di Raimondo and Paolo Vigneri
Front Oncol. 2019 Feb 18;9:57. doi: 10.3389/fonc.2019.00057. eCollection 2019.

- Title **NOVEL OPHTHALMIC FORMULATION OF MYRIOCIN: IMPLICATIONS IN RETINITIS PIGMENTOSA**
Chiara Bianca Platania, Michele Dei Cas, Simona Cianciolo, Annamaria Fidilio, Francesca Lazzara, Rita Paroni, Rosario Pignatello, Enrica Strettoì, Riccardo Ghidoni, Filippo Drago, Claudio Bucolo
Drug Deliv. 2019 Dec;26(1):237-243. doi: 10.1080/10717544.2019.1574936

- Title **FLUOXETINE AND VORTIOXETINE REVERSE DEPRESSIVE-LIKE PHENOTYPE AND MEMORY DEFICITS INDUCED BY A β ₁₋₄₂ OLIGOMERS IN MICE: A KEY ROLE OF TRANSFORMING GROWTH FACTOR- β 1.**
Torrisi SA, Geraci F, Tropea MR, Grasso M, Caruso G, Fidilio A, Musso N, Sanfilippo G, Tascetta F, Palmeri A, Salomone S, Drago F, Puzzo D, Leggio GM, Caraci F.
Front Pharmacol. 2019 Jun 21;10:693. doi: 10.3389/fphar.2019.00693. eCollection 2019.

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

	ENGLISH
• Reading skills	Good
• Writing skills	Good
• Verbal skills	Good
TECHNICAL SKILLS AND COMPETENCES	<p><i>In vitro</i> experiments: experiment design ability, immortalized and primary cell cultures, cell proliferation and survival assays (Luciferase Reporter Assay, MTT assay, LDH assay, COMET assay), nucleid acids and proteins extraction, PCR, qRT-PCR, RT-PCR, PCR mutagenesis reaction, Western Blotting, ELISA assay, immunofluorescence, FACS analysis of the cell cycle, Annexin V assay, DNA cloning of plasmid and lentiviral vectors, transfection and lentiviral infection of immortalized cells, isolation of lymphocytes from donors and patients.</p> <p><i>In vivo</i> experiments: breeding, housing animals (rabbits, mice and rats), handling animals, behavioral experiments, in vivo and ex vivo treatments, intraperitoneal injection, intravitreal injection, ocular paracentesis procedure, corneal epithelium removal, oral gavage treatment, ocular enucleation, ocular tissues isolation, generic tissues isolation, anesthesia, euthanasia.</p>
COMPUTER SKILLS	Windows and MacOSX operating systems - BD FACStation™ software - SkanIt™ Software - Word, Excel, Power Point, Freehand, Photoshop, Gene Works.
DRIVING LICENSES	A and B

I hereby authorize the handling of my personal information in accordance with Legislative Decree 196/2003

Signature

Place: Catania



Date: 04/04/19