

Curriculum



Nome Name:	Chiara
Cognome Surname:	BRULLO

ORCID:	n.d.
Scopus Author ID:	n.d.
WOS Author ID:	n.d.
Sito WEB WEB site:	n.d.

POSIZIONE PROFESSIONALE ATTUALE / CURRENT PROFESSIONAL POSITION:

Posizione attuale Current position:	In Servizio
Qualifica Qualification:	Professore Associato (L. 240/10)
Ateneo/Ente/Azienda University/Institution/Company:	Università degli Studi di GENOVA
Nazione Ateneo/Ente/Azienda University/Institution/Company Country:	ITA
Anno inizio Start Year:	2015
Anno fine End Year:	n.d.

PRECEDENTI ESPERIENZE LAVORATIVE (ULTIMI 10 ANNI) / PREVIOUS WORK EXPERIENCE (LAST 10 YEARS):

LINGUE / LANGUAGES:

Lingua Language:	Inglese
Scrittura Writing:	B2
Comunicazione Communication:	B2

Lingua Language:	Francese
Scrittura Writing:	B1
Comunicazione Communication:	B1

AREA/SETTORE SCIENTIFICO-DISCIPLINARE / AREA/SECTOR SCIENTIFIC-DISCIPLINARY

Area scientifico-disciplinare Area scientific-disciplinary:	Scienze chimiche
Area scientifico-disciplinare codice Area scientific-disciplinary code:	03
Settore scientifico-disciplinare codice Sector scientific-disciplinary code:	-Chimica farmaceutica
Settore scientifico-disciplinare codice Sector scientific-disciplinary code:	-CHEM-07/A

DESCRIZIONE DEI PRINCIPALI RISULTATI SCIENTIFICI CONSEGUITI NEGLI ULTIMI 10 ANNI (CON ANNESSO ELENCO DI MASSIMO 10 PUBBLICAZIONI) / DESCRIPTION OF THE MAIN SCIENTIFIC RESULTS ACHIEVED IN THE LAST 10 YEARS (WITH ATTACHED LIST OF MAXIMUM 10 PUBLICATIONS):

Descrizione Description:	<p><i>Publications: 109. Bibliometric parameters (Scopus): Citations: 3365 H index: 32 Scientific activity research: The scientific activity research, aimed at the design and synthesis of new compounds potentially active in the pharmacological field, can be summarized in different main lines: 1. benzopyrano[4,3-d]pyrimidine derivatives active on the cardiovascular system. 2. pyrazole[3,4-b]pyridine derivatives 3. pyrazole[3,4-d] pyrimidine derivatives endowed with antiproliferative action and able to interfere with different intracellular kinases (Src, Abl, Fyn, Pim, Hck). 4. pyrazole and imidazo-pyrazole derivatives able to interfere with the neutrophils and HUVEC chemotaxis and migration. 5. Rolipram analogues as inhibitor of phosphodiesterase 4D (PDE4D) enzyme. 6. Pyrazole and imidazo-pyrazole derivatives endowed with antioxidant activity able to treat neuroinflammation. 7. Pyrazole-based compounds endowed with antimicrobial activity.</i></p>
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	8. <i>Other compounds useful as anti-inflammatory or analgesic compounds.</i>
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PUBBLICAZIONI / PUBLICATIONS:

Anno della pubblicazione Year of publication:	2015
Citazione Citation:	C. Tintori, A.L. Fallacara, M. Radi, C. Zamperini, E. Dreassi, E. Crespan, G. Maga, S. Schenone, F. Musumeci, C. Brullo, A. Richters, F. Gasparrini, A. Angelucci, C. Festuccia, S. Delle Monache, D. Rauh, M. Botta "Combining X-ray Crystallography and Molecular Modeling toward the Optimization of Pyrazolo[3,4-d]pyrimidines as Potent c-Src Inhibitors Active in Vivo against Neuroblastoma" <i>J. Med. Chem.</i> , 2015, 58, 347-361. Doi: 10.1021/jm5013159. WOS:000347743700023

Anno della pubblicazione Year of publication:	2015
Citazione Citation:	C. Tintori, G. La Sala, G. Vignaroli, L. Botta, A.L. Fallacara, F. Falchi, M. Radi, C. Zamperini, E. Dreassi, L. Dello Iacono, D. Orioli, G. Biamonti, M. Garbelli, A. Lossani, F. Gasparrini, T. Tuccinardi, I. Laurenzana, A. Angelucci, G. Maga, S. Schenone, C. Brullo, F. Musumeci, A. Desogus, E. Crespan, M. Botta "Studies on the ATP binding site of Fyn kinase for the identification of new inhibitors and their evaluation as potential agents against tauopathies and tumors" <i>J. Med. Chem.</i> 2015, 58, 4590-4609. Doi: 10.1021/acs.jmedchem.5b00140. WOS:000356316600014.

Anno della pubblicazione Year of publication:	2016
Citazione Citation:	C. Brullo, R. Ricciarelli, J. Prickaerts, O. Arancio, M. Massa, C. Rotolo, A. Romussi, C. Rebosio, B. Marengo, M.A. Pronzato, B.T. van Hagen, N.P. van Goethem, P. D'Ursi, A. Orro, L. Milanese, S. Guariento, E. Cichero, P. Fossa, E. Fedele, O. Bruno "New insights into selective PDE4D inhibitors: 3-(Cyclopentyloxy)-4-methoxybenzaldehyde O-(2-(2,6-dimethylmorpholino)-2-oxoethyl) oxime (GEBR-7b) structural development and promising activities to restore memory impairment" <i>Eur J. Med Chem.</i> 2016, 124, 82-102. doi: 10.1016/j.ejmech.2016.08.018. WOS:000388544600007

Anno della pubblicazione Year of publication:	2017
Citazione Citation:	E. Meta, C. Brullo, A. Sidibe, B.A. Imhof, O. Bruno O. "Design, synthesis and biological evaluation of new pyrazolyl-ureas and imidazopyrazolecarboxamides able to interfere with MAPK and PI3K upstream signaling involved in the angiogenesis". <i>Eur. J. Med. Chem.</i> 2017, 133, 24-35. doi: 10.1016/j.ejmech.2017.03.066. WOS:000401388900003

Anno della pubblicazione Year of publication:	2017
Citazione Citation:	R. Ricciarelli, C. Brullo, J. Prickaerts, O. Arancio, C. Villa, C. Rebosio, E. Calcalgno, M. Balbi, B.T.J. van Hagenc, E.K. Argyrousic, M.A. Pronzato, O. Bruno, E. Fedele "Memory-enhancing effects of GEBR-32a, a selective PDE4D inhibitor with improved pharmacokinetic and safety profile, and potential for the treatment of Alzheimer's disease" Scientific Report, 2017, 7, 46320. Doi: 10.1038/srep46320. WOS:000398989900001

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	C. Brullo, F. Rapetti, S. Abbate, T. Prosdocimi, A. Torretta, M. Semrau, M. Massa, S. Alfei, P. Storici, E. Parisini, O. Bruno. Design, synthesis, biological evaluation and structural characterization of novel GEBR library PDE4D inhibitors. Eur. J. Med. Chem. 2021, 223, 113638. doi: 10.1016/j.ejmech.2021.113638. WOS:000695696100023.

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	E. Morretta, A. Sidibè, A. Spallarossa, A. Petrella, E. Meta, O. Bruno, M.C. Monti, C. Brullo *. "Synthesis, functional proteomics and biological evaluation of new 5-pyrazolyl ureas as potential anti-angiogenic compounds" Eur J Med Chem. 2021, 226, 113872. doi: 10.1016/j.ejmech.2021.113872. WOS:000703119000046

Anno della pubblicazione Year of publication:	2024
Citazione Citation:	A. M. Schito, D. Caviglia, S. Penco, A. Spallarossa, E. Cichero, B. Tasso, C. Brullo "New pyrazolyl thioureas active against the Staphylococcus genus", Pharmaceuticals, 2024, 17(3), 376. Doi: 10.3390/ph17030376. WOS:001193526400001. Scopus: 2-s2.0-85189041856

Anno della pubblicazione Year of publication:	2023
Citazione Citation:	M. Lusardi, B. Wehrle-Haller b, A. Sidibe, M. Ponassi, E. Iervasi, C. Rosano, C. Brullo, A. Spallarossa. Novel 5-aminopyrazoles endowed with anti-angiogenetic properties. Europ. J. Med. Chem. 2023, 260, 115727. Doi: 10.1016/j.ejmech.2023.115727. WOS:001059042500001

Anno della pubblicazione Year of publication:	2024
Citazione Citation:	M. Lusardi, R. Belvedere, A. Petrella, E. Iervasi, M. Ponassi, C. Brullo, A. Spallarossa. Novel tetrasubstituted 5-Arylamino pyrazoles able to

	interfere with angiogenesis and Ca ²⁺ mobilization. European Journal of medicinal chemistry, 2024 276, 116715. DOI:10.1016/j.ejmech.2024.116715
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DESCRIZIONE DEI PRINCIPALI PROGETTI DI RICERCA E PREMI CONSEGUITI NEGLI ULTIMI 10 ANNI (CON ANNESSO ELENCO DI MASSIMO 10 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, PRINCIPAL INVESTIGATOR O COORDINATORE LOCALE DI PROGETTI DI RICERCA COMPETITIVI NAZIONALI O INTERNAZIONALI, SIGNIFICATIVI PREMI CONSEGUITI PER LA PROPRIA ATTIVITÀ DI RICERCA)/ DESCRIPTION OF THE MAIN RESEARCH PROJECTS AND AWARDS AWARDED IN THE LAST 10 YEARS (WITH ATTACHED LIST OF MAXIMUM 10 ACHIEVEMENTS, INCLUDING, FOR EXAMPLE, PRINCIPAL INVESTIGATOR OR LOCAL COORDINATOR OF NATIONAL OR INTERNATIONAL COMPETITIVE RESEARCH PROJECTS, SIGNIFICANT AWARDS AWARDED FOR YOUR RESEARCH ACTIVITY):

Descrizione Description:	
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Descrizione Description:	Research Grant: □ Italian Ministry of University and Research PRIN 2017SA5837_004, 2017-2020, role: Co-investigator. □ Alan and Helene Goldberg grant (CAAT grant), Project #2023-02 - Title: "The use of an advanced model of in-vitro hypertension to test therapeutic properties of Imidazo-Pyrazolil Ureas in human endothelial cells under flow condition without the use of animals. Role: Co-PI; □ MTA with University of Husselt and University of Maastricht : "Synthesis of Additional amount of 2 grams of Gebr32a (racemate)". Importo: 4.000,00 EUR. dal 21-01-2020 al 21-01-2022
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI DI SVILUPPO DI RETI E RELAZIONI SCIENTIFICHE NAZIONALI E INTERNAZIONALI (CON ANNESSO ELENCO DI MASSIMO 5 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, PARTECIPAZIONE O ORGANIZZAZIONE DI CONVEGNI NAZIONALI E INTERNAZIONALI; CONTRIBUTI A CONSORZI DI RICERCA) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF DEVELOPMENT OF NATIONAL AND INTERNATIONAL SCIENTIFIC NETWORKS AND RELATIONS (WITH ATTACHED LIST OF MAXIMUM 5 RESULTS, INCLUDING, FOR EXAMPLE, PARTICIPATION OR ORGANIZATION OF

**NATIONAL AND INTERNATIONAL CONFERENCES;
CONTRIBUTIONS TO RESEARCH CONSORTIA):**

Descrizione Description:	<i>Collaboration with national research group: Prof. A.M Schito, M.G. Signorello, C. Domenicotti, B. Marengo, R. Ricciarelli, E. Fedele, M. Milanese, E. Russo, A. Alfei (university of Genova, Italy), prof. S. Collina (University of Pavia), Prof. M.R. Pasca (University of Pavia), prof. M.C. Monti (University Federico II, Naples, Italy), Prof. A. Petrella (University of Salerno, Italy), Dott. C. Rosano and M. Ponassi (IRCSS San Martino, Genoa, Italy), Dott. L. Calvillo (IRCSS Istituto Auxologico, Milan, Italy). Collaboration with international research group Prof. E. Parisini (IIT, Milan, Latvian Institute of Organic Synthesis, Riga, Latvia), Prof. M. Ladomery and Prof. A. Greenhough (University of the West of England, UK), Prof. J. Prickaerts (University of Maastricht, Netherlands), Prof. T. van Mierlo (University of Hasselt, Belgium), Prof. O. Arancio (Columbia University, N.Y, USA), S. G. Franzblau (University of Illinois, Chicago, USA), M. Baumann (University College Dublin, Dublin, Irland).</i>
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Descrizione Description:	04/23/2018 speaker at 9èmes Journées Franco-Italiennes de Chimie, 2018, Genova 04/17/2012 invited speaker at 6èmes Journées Franco-Italiennes de Chimie, 2012, Marseille 11/15/2024 invited speaker at 42° Congresso Nazionale SIF, Sorrento, 2024
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI DI SUPPORTO ALLA COMUNITÀ SCIENTIFICA (CON ANNESSO ELENCO DI MASSIMO 5 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, RESPONSABILITÀ DI DIREZIONE DI COMITATI EDITORIALI; INCARICHI DI VALUTAZIONE DELLA RICERCA PRESSO ISTITUZIONI NAZIONALI O INTERNAZIONALI; RESPONSABILITÀ ISTITUZIONALI ALL'INTERNO DELL'ISTITUZIONE DI APPARTENENZA O DI ALTRE ISTITUZIONI) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF SUPPORT TO THE SCIENTIFIC COMMUNITY (WITH ATTACHED LIST OF MAXIMUM 5 RESULTS, INCLUDING, FOR EXAMPLE, MANAGEMENT RESPONSIBILITIES OF EDITORIAL COMMITTEES; RESEARCH EVALUATION ROLES AT NATIONAL OR INTERNATIONAL INSTITUTIONS; INSTITUTIONAL RESPONSIBILITIES WITHIN THE INSTITUTION OF AFFILIATION OR OTHER INSTITUTIONS):

Descrizione Description:	• From 2023 to date member of editorial board of Frontiers (Frontiers Media SA) • From 2022 to
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	<p>date member of Topical Advisory Panel Member of International Journal of Molecular Sciences (MDPI) • From 2021 to date member of editorial board of Molecules (MDPI) • From 2019, member of Board of Doctorate in Sciences and Technologies of Chemistry and Materials Sciences and Technologies of Chemistry • from 2015 to date member of "Commissione Paritetica", Department of Pharmacy, University of Genova • from 2021 to date President of "Commissione Paritetica", School of Medical and pharmaceutical sciences, University of Genova. • From 2000 to date Member of SCI (Società Chimica Italiana-Medicinal Chemistry Division). • From November 2024 Vice-Director of Department of Pharmacy, University of Genova, Italy. Referee for international journals (European Journal of Medicinal Chemistry, Bioorganic Medicinal Chemistry, Arabian Journal of Chemistry, MDPI journals, Medicinal Chemistry).</p>
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<p>Descrizione Description:</p>	<p>• From 2023 to date member of editorial board of Frontiers (Frontiers Media SA) • From 2022 to date member of Topical Advisory Panel Member of International Journal of Molecular Sciences (MDPI) • From 2021 to date member of editorial board of Molecules (MDPI) • From 2019, member of Board of Doctorate in Sciences and Technologies of Chemistry and Materials Sciences and Technologies of Chemistry</p>
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI VALORIZZAZIONE DELLE CONOSCENZE (CON ANNESSO ELENCO DI MASSIMO 3 RISULTATI, RELATIVI ALLA PARTECIPAZIONE DEL CANDIDATO ALLE ATTIVITÀ DI VALORIZZAZIONE DELLE CONOSCENZE) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF KNOWLEDGE VALORIZATION (WITH ATTACHED LIST OF MAXIMUM 3 RESULTS, RELATING TO THE CANDIDATE'S PARTICIPATION IN KNOWLEDGE VALORIZATION ACTIVITIES):

<p>Descrizione Description:</p>	<p>Patent: 1) EU14425015.6/WO2015121212, 2015 "New compounds having a selective PDE4D inhibiting activity". Inventors: Olga Bruno, Chiara Brullo, Alessia Romussi, Ernesto Fedele (Department of Pharmacy, University of Genoa, Italy), Roberta Ricciarelli (Department of Experimental Medicine, University of Genoa, Italy), Ottavio Arancio (Columbia University, New York, USA), Jos Prickaerts (University of Maastricht, Maastricht, NL). 2) EP 2907806 A1 20150819, 2015, "Preparation of 3-phenyl-1H-pyrazole and 3-phenyloxazole derivatives as selective phosphodiesterase 4D (PDE4D) inhibitors" Bruno, Olga; Brullo, Chiara; Romussi, Alessia; Fedele, Ernesto (Department of Pharmacy, University of Genoa, Italy), Roberta Ricciarelli (Department of Experimental Medicine,</p>
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	<p>University of Genoa, Italy), Ottavio Arancio (Columbia University, New York, USA), Jos Prickaerts (University of Maastricht, Maastricht, NL). 3) EP 2033955 A1 20090311, 2009 "Preparation of ureidopyrazolecarboxylates with neutrophil chemotaxis inhibiting activity" Inventors: Bruno, Olga; Bondavalli, Francesco; Brullo, Chiara; Schenone, Silvia.</p>
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Informazioni aggiornate alla data di candidatura 16-05-2025

Chiara BRULLO

Il presente curriculum costituisce allegato e parte integrante dell'incarico sottoscritto