PERSONAL INFORMATION

Francesco Leonetti

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Sex Male | Date of birth XXXXXXXXXXXX| Nationality Italian

WORK EXPERIENCE

2001- 2017	Assistant Professor of Medicinal Chemistry in the Faculty of Pharmacy, University of Bari "Aldo Moro"
2017-present	Associate Professor of Medicinal Chemistry in the Faculty of Pharmacy, University of Bari "Aldo Moro"
2016-2017	Member of the Board of Directors, "University of Bari Aldo Moro"
2018-present	Head of the Department of Pharmacy-Pharmaceutical Sciences, "University of Bari Aldo Moro"
2019-present	Member of Academic Senate, University of Bari "Aldo Moro"

RESEARCH FOCUS

The design and synthesis of small molecule through parallel organic synthesis, both on solid phase and in solution, with potential pharmacological activity toward pathologies such as cancer (Aromatase, Protein Kinases (JNK), MDR and HDAC inhibitors) and neurodegenerative disease (AchE and MAOB inhibitors)

TEACHING ACTIVITIES

2005-2010	Teacher of "Drug Analysis II" Department: Pharmacy-Pharmaceutical Sciences, University of Bari "Aldo Moro"
2011-2015	Teacher of "Medicinal and Toxicological Analysis of Drugs II" Department: Pharmacy-Pharmaceutical Sciences, University of Bari "Aldo Moro"
2015-present	Teacher of "Medicinal and Toxicological Chemistry II" Department: Pharmacy-Pharmaceutical Sciences, University of Bari "Aldo Moro"
2017-2018	Teacher of "Drug analysis II" Faculty of Pharmacy, University Cattolica "Nostra Signora del Buon Consiglio" Kompleksi Spitalor Universitar "Zoja e Këshillit të Mirë" Rruga "Dritan Hoxha", Tirana, Albania
2018-present	Teacher of "Medicinal and Toxicological Chemistry II" Faculty of Pharmacy, University Cattolica "Nostra Signora del Buon Consiglio" Kompleksi Spitalor Universitar "Zoja e Këshillit të Mirë" Rruga "Dritan Hoxha", Tirana, Albania
2003-2013	Committee Member for the PhD Course "Medicinal Chemistry", Faculty of Pharmacy, University of Bari "Aldo Moro"
2013-present	Committee Member for the PhD Course "Biomolecular, Pharmaceutical and Medical Sciences", Faculty of Pharmacy, University of Bari "Aldo Moro"
2020-present	Committee Member for the PhD Course "Pharmaceutical Sciences", Faculty of Pharmacy, University of Bari

EDUCATION AND TRAINING

1995	Degree in Chemistry and Pharmaceutical Technology, Grade: Cum Laude, University of Bari, Italy
1996	Qualification as Pharmacist, University of Bari, Italy.
1999	PhD in "Medicinal Chemistry", awarded to Italian Ministry of University and Research
1999-2000	Post-doc fellowship

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PERSONAL SKILLS

DEPARTMENT of CHEMISTRY - UNIVERSITY of BERKELEY, California (USA).
(http://ellman.chem.yale.edu/people/past)

Mother tongue(s) ITALIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1/2	B1/2	B1/2	B1/2	B1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills: Good communication skills gained through my experience as University teacher

Organisational/ managerial skills: Leadership: Head of Department of Pharmacy and Pharmaceutical science, University of Bari “Aldo Moro”

Computer skills: Good command of Microsoft “Office” tools, Chem Draw, Prism Graph Pad, PyMOL

Driving licence: B

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PUBBLICATIONS
Co-authored 67 publications

Iacobazzi, R.M., Cutrignelli, A., Stefanachi, A., Porcelli, L., Lopedota, A.A., Di Fonte, R., Lopalco, A., Serratì, S., Laquintana, V., Silvestris, N., Franco, M., Cellamare, S., Leonetti, F., Azzariti, A., Denora, N.
Hydroxy-propil-β-cyclodextrin inclusion complexes of two biphenylnicotinamide derivatives: Formulation and anti-proliferative activity evaluation in pancreatic cancer cell models
(2020) International Journal of Molecular Sciences, 21 (18), art. no. 6545, pp. 1-14.
DOI: 10.3390/ijms21186545

Carofiglio, F., Trisciuzzi, D., Gambacorta, N., Leonetti, F., Stefanachi, A., Nicolotti, O.
Bcr-Abl Allosteric Inhibitors: Where We Are and Where We Are Going to
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Blasi, D., Sarcina, L., Tricase, A., Stefanachi, A., Leonetti, F., Alberga, D., Mangiatordi, G.F., Manoli, K., Scamarcio, G., Picca, R.A., Torsi, L.
Enhancing the Sensitivity of Biotinylated Surfaces by Tailoring the Design of the Mixed Self-Assembled Monolayer Synthesis
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Spinelli, F., Giampietro, R., Stefanachi, A., Riganti, C., Kopecka, J., Abatematteo, F.S., Leonetti, F., Colabufo, N.A., Mangiatordi, G.F., Nicolotti, O., Perrone, M.G., Brea, J., Loza, M.I., Infantino, V., Abate, C., Contino, M.
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Carofiglio, F., Lopalco, A., Lopedota, A., Cutrignelli, A., Nicolotti, O., Denora, N., Stefanachi, A., Leonetti, F.
Bcr-abl tyrosine kinase inhibitors in the treatment of pediatric cml
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DOI: 10.3390/ijms21124469

Denora, N., Lee, C., Iacobazzi, R.M., Choi, J.Y., Song, I.H., Yoo, J.S., Piao, Y., Lopalco, A., Leonetti, F., Lee, B.C., Kim, S.E.
TSPO-targeted NIR-fluorescent ultra-small iron oxide nanoparticles for glioblastoma imaging
(2019) European Journal of Pharmaceutical Sciences, 139, art. no. 105047, .
DOI: 10.1016/j.ejps.2019.105047

Leopoldo, M., Nardulli, P., Contino, M., Leonetti, F., Luurtsema, G., Colabufo, N.A.
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DOI: 10.1080/13543776.2019.1618273

Brunetti, O., Badalamenti, G., De Summa, S., Calabrese, A., Argentiero, A., Fucci, L., Longo, V., Galetta, D., Soccorsa Perrotti, P.M., Pinto, R., Petriella, D., Danza, K., Tommasi, S., Leonetti, F., Silvestris, N.
Molecular characterization of a long-term survivor double metastatic non-small cell lung cancer and pancreatic ductal adenocarcinoma treated with gefitinib in combination with gemcitabine plus nab-paclitaxel and mFOLFOX6 as first and second line therapy
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Mapping ligand binding pockets in chloride ClC-1 channels through an integrated in silico and experimental approach using anthracene-9-carboxylic acid and niflumic acid
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Leonetti, F., Stefanachi, A., Nicolotti, O., Catto, M., Pisani, L., Cellamare, S., Carotti, A.
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Stefanachi, A., Favia, A.D., Nicolotti, O., Leonetti, F., Pisani, L., Catto, M., Zimmer, C., Hartmann, R.W., Carotti, A.
Design, synthesis, and biological evaluation of imidazolyl derivatives of 4,7-disubstituted coumarins as aromatase inhibitors selective over 17-α-hydroxylase/C17-20 lyase
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Nicolotti, O., Pisani, L., Catto, M., Leonetti, F., Giangreco, I., Stefanachi, A., Carotti, A.
Discovery of a potent and selective hetero-bivalent AChE inhibitor via bioisosteric replacement
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