

Poster	Gruppo	Autori	Titolo
1.	Prof. Davide Ambrosetti	Gobbi G, Reggiani F, Donati B, Torricelli F, Do Valle IF, Sauta E, Castellani G, Remondini D, Ciarrocchi A, Ambrosetti DC, Sancisi V	Exploring new therapeutic strategies for non-small cell lung cancer
2.	Prof.ssa Manuela Bartolini	Tedesco D, Naldi M, Ierardi F, Štrancar A, Cernigoj U, Bartolini M	Immunoaffinity-based CIM- $\alpha$ HSA monolithic columns: a versatile tool for depletion and isolation of albumin from blood-derived biological samples
3.	Prof.ssa Alessandra Bisi	Di Martino RMC, Tarozzi A, Seghetti F, Paglione M, Di Schiavi E, Rampa A, Gobbi S, Bisi A, Martinez A, Pruccoli L, Belluti F	Curcumin-based neuroprotective agents targeting NRF2 and GSK-3b
4.		Caciolla J, Martini S, Bisi A, Belluti F, Rampa A, Magistrato A, Gobbi S	Design and synthesis of potential dual aromatase inhibitors and SERMs as agents targeting breast cancer
5.	Prof.ssa Maria Laura Bolognesi	Pinheiro PSM et al.	HDAC inhibition: from modeling studies to the design of new dual ligands
6.		Rossi M et al.	Cashew Nut Shell Liquid (CNSL) derivatives as sustainable multi-target drugs for the treatment of Alzheimer's disease
7.	Prof.ssa Patrizia Brigidi	Biagi E, Rampelli S, Barone M, Soverini M, D'Amico F, Palladino G, Musella M, Turrone S, Brigidi P, Candela M	Controlling microbiomes circulations for better food systems
8.	Prof. Giovanni Capranico	Russo et al.	Innate immune response genes in human cancers: a PANcancer survey
9.	Prof.ssa Rita Casadio	Casadio R, Martelli PL, Capriotti E, Savojardo C e Turina MP	Bioinformatics for functional genomics at the Biocomputing Group
10.	Prof. Stefano Ciurli	Musiani F; Masetti M; Gioia D; Bernetti M; Falchi F; Recanatini M; Cavalli A; Ciurli S	How proteins handle poisonous Ni(II) ions: the case of urease activation
11.		Broll V., Mazzei L., Casali L., Evangelisti E., Silva M., Baltrusaitis J., Braga D., Grepioni F., Musiani F., Ciurli S.	Ammonia mono-oxygenase: a biotech approach to improve the efficiency of inorganic nitrogen soil fertilisation
12.		Beniamino Y, Musiani F, Zambelli B	Nickel and human health: structural and biophysical characterization of

			NDRG1, a protein involved in nickel dependent carcinogenesis
13.		Mazzei L, Cianci M, Benini S, Musiani F, Contaldo U, Wenzel MN, Palombo M, Casini A, Ciurli S	Structural insights on the reactivity and inhibition of urease, a nickel-enzyme involved in human pathogenesis and environmental issues
14.	Dott.ssa Fulvia Farabegoli	Farabegoli F, Pinheiro M, Granja A, Sousa CT, and Reis S	Lipid Epigallocatechin-3-gallate nanoparticles as targeted drug delivery system in breast carcinoma cells in vitro
15.	Prof. Fabrizio Ferrè	Ferrè et al.	RNA syntax and semantics: investigating the transcriptome complexity
16.	Prof.ssa Romana Fato	Bergamini C, Calonghi N, Fato R, Fiorentini D, Frisco G, Liparulo I, Prata C, Rizzardi N, Sartor G, Zambonin L	Prodotti di ossidazione lipidica e modulazione della segnalazione redox on modelli animali e cellulari
17.	Prof. Stefano Ferroni	Masotti M, Delprete C, Dothel G, Rimondini R, Donadio V, Liguori R, Di Parisio C, Di Cesare Mannelli L, Caprini M	Visceral pain in the Fabry disease mouse model: functional and molecular studies
18.		Formaggio F, Fazzina M, Caprini M, Ferroni S	Chemically defined medium promotes the functional differentiation of primary cultured astrocytes
19.	Prof. Giorgio Gallinella	Bua G, Conti I, Gallinella G	Identification of compounds with antiviral activity against Parvovirus B19
20.		Reggiani A, Manaresi E, Gallinella G	A recombinant minigenome of Parvovirus B19 for the overexpression of NS1 protein
21.	Dott. Federico Manuel Giorgi	Giorgi et al.	Pan-Cancer and Single-Cell Modeling of Genomic Alterations Through Gene Expression
22.	Prof. Stefano Girotti	Girotti et al.	Gruppo di Chimica Analitica
23.	Prof. Alejandro Hochkoepler	Hochkoepler et al.	Substrate activation of the low-molecular-weight protein tyrosine phosphatase from Mycobacterium tuberculosis
24.	Prof.ssa Patrizia Hrelia / Prof.ssa Sabrina Angelini	Ravegnini et al.	Identificazione di biomarcatori circolanti predittivi di risposta e tossicità alla terapia nel paziente oncologico
25.	Prof. Stefano Iotti	Iotti et al.	Osteogenic differentiation of osteosarcoma cells: role of Mg in the early stages of mineral formation of hydroxyapatite
26.	Prof.ssa Barbara Luppi	Cerchiara T*, Giordani B, Melgoza LM, Parolin C, Dalena F, Abruzzo A, Bigucci F, Luppi B, Vitali B	New Spanish Broom's dressing loaded with Vitamin E and Lactobacillus plantarum for superficial skin wounds

27.		Abruzzo A*, Giordani B, Parolin C, Vitali B, Frisco G, Calonghi N, Cerchiara T, Bigucci F, di Cagno MP, Luppi B	Biosurfactants to increase transdermal permeation of hydrocortisone
28.		Giordani B*, Basnet P, Mishchenko E, Luppi B, Škalko-Basnet N	Phytosomes containing quercetin and gallic acid for the treatment of vaginal diseases
29.	Prof.ssa Elena Maestrini	Viggiano M, Cameli C, Visconti P, Rochat M, Maestrini E, Bacchelli E	Whole Exome Sequencing analysis in a twin family with Autism Spectrum Disorders
30.	Dott.ssa Laura Menotti	Menotti L, Avitabile E, Gatta V, Appolloni I, Campadelli-Fiume G, Malatesta P.	Retargeted, armed, and reporter-expressing oncolytic herpesviruses: efficacy in murine models
31.	Prof.ssa Laura Mercolini	Protti M, Mandrioli R, Sberna P, Mercolini L	Is sample stability the next milestone in anti-doping analysis research? One year into a WADA-supported project
32.	Prof.ssa Anna Minarini	Anna Minarini, Michela Rosini, Filippo Basagni	Pro-electrophilic compounds as pharmacologic tools for investigating the amyloidogenic pathway in Alzheimer's disease
33.	Prof.ssa Barbara Monti	Petralla S, Poeta E, Barile SN, Pena Altamira LA, Celauro L, Anderson S, Lasorsa FM, Monti B	Proliferation/differentiation dysregulation in agc1 deficiency brain precursor cells
34.	Prof. Moreno Paolini	Vivarelli F, Canistro D, Cirillo S, Mussoni M, Paolini M	Co-carcinogenic effects of vitamin E in prostate
35.	Prof. Giovanni Perini	Ciaccio R, Giorgio Milazzo G, Liu PY, Tee AE, Hannan K, Maag J, Bartonicek N, Peng H, Ho N, Mayoh C, Sun Y, Parisi N, Lombardi S, De Rosa P, Henderson M, Lan Q, Cheung BB, Wang J, Simon T, Fischer M, Zhang XD, Marshall GM, Norris MD, Haber M, Vandesompele J, Li J, Mattick JS, Mestdagh P, Hannan RD, Dinger ME, Liu T, Perini G	The novel long non-coding RNA RP1X cooperates to N-Myc stabilization and poor prognosis in high-risk neuroblastoma
36.	Prof. Ferruccio Poli	Lianza M, Mandrone M, Bonvicini F, Sanna C, Tomasi P, Gentilomi AG, Poli F	Metabolomics, antibacterial activity and cytotoxicity of <i>Arbutus unedo</i> L. leaves collected in ten different areas of Sardinia

37.		Chiocchio I, Mandrone M, Barbanti L, Marincich L, Poli F	Metabolomic study of sorghum ( <i>Sorghum bicolor</i> (L.) Moench) growing on twelve fields in northern Italy
38.	Prof. Maurizio Recanatini	Masetti M, Ocello R, Recanatini M)	Biomolecular Modeling and Simulations@CompMedChem
39.		Cabrelle C, Giorgi FM, Masetti M, Recanatini M	Using Network-based Approaches on a Set of Antiproliferative Compounds: from Chemical Space to Heterogeneous Networks
40.	Prof.ssa Marinella Roberti	Brusa I, Roberti M, Sondo E, Falchi F, Pedemonte N, Cavalli A	Development of novel ubiquitin-ligase rnf5 inhibitors as therapeutic strategy in cystic fibrosis
41.	Prof. Vincenzo Scarlato	Palombo M, Scarlato V and Roncarati D	Molecular characterization of the heat-shock regulatory circuit in <i>Campylobacter jejuni</i>
42.		Zannoni A, Musiani F, Roncarati D & Scarlato V	Study of HP1043, the <i>Helicobacter pylori</i> essential transcriptional regulator
43.	Prof. Paolo Trost	Gurrieri L, Distefano L, Pirone C, Horrer D, Seung D, Zaffagnini M, Rouhier N, Trost P, Santelia D, Sparla F	The $\alpha$ -amylase 3 of <i>Arabidopsis thaliana</i> is protected by S-glutathionylation in vitro
44.		Rossi J, Tagliani A, Meloni M, De Mia M, Marchand CH, Bandini L, Lemaire SD, Fermani S, Trost P, Zaffagnini M	Functional characterization of S-nitrosoglutathione reducing systems in model plant organisms
45.		Beltrami S, Gradogna A, Lagostena L, Scholz-Starke J, Picco C, Sparla F, Trost P, Carpaneto A	Linking the trans-membrane electron currents elicited by cytochrome b561 in mesophyll vacuoles to flowering time control in <i>Arabidopsis</i> plants
46.	Prof. Davide Zannoni	Gezzi D et al.	Caves: Ancient and unexplored reservoir for antimicrobial compounds discovery
47.		Fedi S et al.	The role of the genes <i>relA</i> and <i>spoT</i> coding for the stringent response in <i>Pseudomonas furukawaii</i> KF707
48.	Dott. Giampaolo Zuccheri	Miti A et al.	Bioapplications of DNA nanotechnology
49.	Gruppo Computazionali	Capriotti E, Casadio R, Ferrè F, Giorgi FM, Malucelli E, Martelli PL, Masetti M, Musiani F, Recanatini M, Savojardo S	Computational BioSciences Community @FaBiT
50.	Gruppo tecnici	n. 1	
51.	Comitato Terza Missione	Comitato Terza Missione, dottorandi e assegnisti coinvolti nella Notte Europea dei Ricercatori 2019	Il Labirinto del Farmaco Notte Europea dei Ricercatori 2019

52.	Comitato Terza Missione	Comitato Terza Missione	Active Patents Department of Pharmacy and Biotechnology
53.	Brevetto Prof. Paolo Blasi	Calvitti M, Giovagnoli S, Lilli C, Ricci M, Rossi C, Schoubben AMD, Vedovelli A	Pharmacological adjuvants for thermal ablation of cancer
54.	Brevetto Dott.ssa Cristina Cavallari, Prof.ssa Barbara Luppi	Rodriguez L, Di Pietra AM	Pharmaceutical preparations for transdermal use
55.	Brevetto Prof. Andrea Cavalli, Prof.ssa Maria Laura Bolognesi	Prati F, Bottegoni G, Favia AD, Pizzirani D, Scarpelli R	Dual inhibitor compounds for the treatment of neurodegenerative disorders and Alzheimer's disease
56.	Brevetto Prof. Alberto Danielli, Michela Nigro, Edoardo Sarti, Francesco Starinieri	Calvaresi M, Cantelli A, Di Giosia A	Piattaforma modulare di vettori fagici per terapia sonodinamica
57.	Brevetto Dott.ssa Laura Menotti	Campadelli G	Herpes simplex virus (HSV) with modified tropism, uses and process of preparation thereof
58.	Brevetto Prof.ssa Laura Mercolini	Raggi MA	Procedimento per la conservazione di un campione di fluido biologico e sua analisi
59.	Brevetto Prof. Davide Zannoni, Dott.ssa Martina Cappelletti	Turner R, Presentato A, Piacenza E, Anikovskiy M	Rhodococcus aetherivorans bcp1 as cell factory for the production of intracellular tellurium and/or selenium nanostructures (nanoparticles or nanorods) under aerobic conditions