



**XXIII Congresso Nazionale  
della Società Chimica Italiana**

**5 - 10 Luglio 2009**

**Centro Congressi  
Hilton Sorrento Palace, Sorrento**



**Programma dei Lavori della Divisione di Chimica Organica**

<b>Lunedì 6</b>	
	<b>(Sala Ulisse)</b>
9:00 – 9:30	Consegna Medaglie e Premi alla Ricerca della Divisione di Chimica Organica Consegna Premi CINMPIS 2009
	<b>Chair: G. Guanti</b>
9:30 – 10:10 ORG-KN-1	<b>Medaglia Mangini</b> M. Prato Functionalization of Carbon Nanotubes for Materials and Nanomedical Applications: Synthesis and Challenges
10:10 – 10:30 ORG-OR-1	A. Abbotto, N. Manfredi, C. Marinzi, F. De Angelis, E. Mosconi, S. Fantacci, J.-H. Yum, Z. Xianxi, M. K. Nazeeruddin, M. Grätzel Highly efficient organic and organometallic sensitizers for dye-sensitized solar cells
10:30 – 10:50 ORG-OR-2	F. Gassa, M. L. Gelmi, G. Fontana Diastereoselective synthesis of $\alpha$ -hydroxy- $\beta$ -amino acids
10:50 – 11:10 ORG-OR-3	G. Gattuso, A. Notti, M. F. Parisi, A. Pappalardo, S. Pappalardo Supramolecular polymers based on the calix[5]arene/alkylammonium recognition motif
	<b>Chair: M.C. Aversa</b>
11:10 – 11:30 ORG-OR-4	M. Gruttadauria, P. Agrigento, A. M. P. Salvo, R. Noto, F. Giacalone Proline- and prolinamide-supported polystyrene: powerful and highly recyclable organocatalysts for the asymmetric aldol reaction
11:30 – 11:50 ORG-OR-5	E. Licandro, S. Maiorana, G. Prencipe, D. Prosperi, P. Verderio Anchoring Peptide Nucleic Acids (PNAs) to ferrimagnetic iron oxide nanoparticles for DNA targeting
11:50 – 12:10 ORG-OR-6	P. Franchi, C. Gentilini, L. Pasquato, M. Lucarini Formation of patches on 3D self-assembled monolayers driven by thiols with immiscible chains observed by ESR spectroscopy
12:10 – 12:30 ORG-OR-7	M. Mba, S. Lovat, M. Pontini, E. Nagy, C. Zonta, G. Licini $C_3$ symmetric amine triphenolate complexes as oxidation catalysts
12:30 – 13:00 ORG-KN-2	<b>Premio alla ricerca: Chimica organica nei suoi aspetti meccanicistici e teorici</b> A. Facchetti Synthesis, characterization, and properties of semiconducting and dielectric polymers for organic electronics
	<b>Sessione Poster</b>
13:00 – 14:30	Poster ORG-PO-1 / 34
<b>Martedì 7</b>	
	<b>Sessione Poster</b>
13:00 – 14:30	Poster ORG-PO-35 / 68
	<b>(Sala Ulisse)</b>
	<b>Chair: F. Naso</b>
14:30 – 15:10 ORG-KN-3	<b>Medaglia Ciamician</b> L. J. Prins Dynamic covalent capture: merging covalent and noncovalent synthesis
15:10 – 15:50 ORG-IL-1	O. De Lucchi Opportunities by benzocyclotrimers
	<b>Sessione congiunta con il Gruppo Chimica Organometallica (Sala Ulisse)</b>
	<b>Chair: F. Sannicolò</b>
16:00 – 16:30 ORG-KN-4	<b>Premio alla ricerca: Chimica organica nei suoi aspetti sintetici: metodologie e prodotti</b> S. Cacchi 30 years in the organic chemistry of palladium

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16:30 – 16:50 ORG-OR-8/GICO	<u>M. Bonchio</u> , M. Carraro, A. Sartorel, G. Scorrano Hybrid catalysts: the merging of organic and inorganic domains to design new functional systems
16:50 – 17:10 ORG-OR-9 / GICO	<u>A. Operamolla</u> , O. H. Omar, F. Babudri, G. M. Farinola, F. Naso Novel synthetic strategies to conjugated oligomers bearing S-acetyl thiol groups and characterization of their self-assembled monolayers
17:10 – 17:30 ORG-OR-10 / GICO	<u>L. Veltri</u> , B. Gabriele, G. Salerno, M. Vetere, M. Attià, R. Mancuso, P. Plastina A novel synthesis of functionalized pyrroles by a PdI <sub>2</sub> -catalyzed oxidative carbonylation approach
17:30 – 18:00 ORG-IL-2 / GICO	<u>M. Aresta</u> , A. Dibenedetto Synthesis and characterization of “labile” transition metal hydrides and their relevance to catalysis
<b>Mercoledì 8</b>	
	<b>(Sala Ulisse)</b>
	<b>Chair: A. Brandi</b>
9:00 – 9:40 ORG-KN-5	<b>Medaglia Pino</b> R. Ungaro Multivalent calixarene ligands and catalysts
9:40 – 10:00 ORG-OR-11	<u>G. Della Sala</u> , A. Lattanzi, S. Santoro, C. Santi Highly enantioselective organocatalytic desymmetrization of meso-aziridines by trialkylsilylchalcogenides
10:00 – 10:20 ORG-OR-12	P. Crotti, L. Favero, A. Fiasella, F. Macchia, <u>V. Di Bussolo</u> Stereospecific synthesis of (±)-4-amino-2,3-unsaturated aza-O-glycosides via diastereoisomeric iminoglycal-derived N-nosyl aziridines
10:20 – 10:40 ORG-OR-13	<u>G. Reginato</u> , A. Mordini, B. Pezzati Synthesis of enantiomerically enriched aminosulphides via diastereoselective sulfonation of allylsilanes
10:40 – 11:00 ORG-OR-14	<u>F. Troisi</u> , T. Pierro, C. Gaeta, P. Neri The <i>p</i> -bromodienone route: turning nucleophilic calixarene rings to a versatile electrophilic system
	<b>Chair: R. Ballini,</b>
11:00 – 11:05 ORG-FL-1	<u>C. Coppola</u> , S. Licen, G. Di Fabio, L. De Napoli, P. Tecilla, D. Montesarchio CyPLOS, novel synthetic ionophores based on amphiphilic disaccharide macrocycles
11:05 – 11:10 ORG-FL-2	R. Bernini, E. Mincione, M. Barontini, G. Fabrizi, <u>F. Crisante</u> A new procedure for the synthesis of hydroxytyrosol and dopamine derivatives by homogeneous and heterogeneous 2-iodoxybenzoic acid (IBX)
11:10 – 11:15 ORG-FL-3	<u>G. Delogu</u> , M. J. Matos, C. Picciau, G. Podda, E. Quezada, L. Santana, E. Uriarte Regioselective synthesis of halogenated 3-phenylcoumarins
11:15 – 11:20 ORG-FL-4	<u>S. Ferrini</u> , S. Fusi, F. Ponticelli Densely functionalized cyclopentadienes: synthesis and reactivity
11:20 – 11:25 ORG-FL-5	<u>R. Mancuso</u> , S. Mehta, B. Gabriele, G. Salerno, R. C. Larock New synthesis of dihydroisobenzofurans and isochromenes by iodocyclization of 2-alkynyl benzyl alcohols
11:25 – 11:30 ORG-FL-6	<u>A. Migliorini</u> , M. Bock, A. Kirschning Synthesis of Thuggacin derivatives: promising antibiotic agents against tuberculosis
11:30 – 11:35 ORG-FL-7	<u>L. Panzella</u> , A. Pezzella, A. Napolitano, M. d'Ischia Developing effective, natural-product inspired antinitrosating agents: the superior activity of piceatannol derivatives
11:35 – 11:40 ORG-FL-8	G. Cevasco, <u>A. Piatek</u> , C. Scapolla, S. Thea New fluorescent reagents with benzofurazan skeleton for the determination of carboxylic acids in biological fluids
11:40 – 11:45 ORG-FL-9	L. Beverina, S. Bradamante, G. A. Pagani, <u>P. Salice</u> , S. Versari Heterocycle-based squaraines in Photodynamic Therapy: towards theranostic applications
11:45 – 11:50 ORG-FL-10	E. Altieri, M. Cordaro, G. Grassi, F. Risitano, <u>A. Scala</u> Synthesis of a new series of hydroindolone derivatives
11:50 – 12:20 ORG-KN-6	<b>Premio alla ricerca: Chimica organica nei suoi aspetti di determinazione strutturale e interazioni molecolari</b> E. Dalcanale Molecular recognition with phosphonate cavitands
12:20 – 13:00 ORG-IL-3	<u>M. V. D'Auria</u> , A. Zampella, V. Sepe Bioactive peptides from sponges of the Lithistida order
13:00 – 14:30	Assemblea della Divisione

Giovedì 9	
	<b>(Sala Ulisse)</b>
	<b>Chair: C.Trombini</b>
9:00 – 9:40 ORG-IL-4	E. Marcantoni Recent applications of CeCl <sub>3</sub> as environmentally friendly promoter in organic chemistry
9:40 – 10:10 ORG-KN-7	<b>Premio alla ricerca: Chimica organica nei suoi aspetti sintetici</b> A. Guarna Diversity Oriented Synthesis (DOS): Strategies and applications in drug discovery
10:10 – 10:30 ORG-OR-15	<u>M. Baroncini</u> , S. Silvi, A. Credi, M. Venturi Photocontrol of the rate of Threading/Dethreading in Pseudorotaxanes
10:30 – 10:50 ORG-OR-16	A. Giovine, S. Florio, <u>R. Luisi</u> <i>ortho</i> -Lithiated aziridines and benzylic amines for the preparation of new difluoroborates as useful Suzuki-Miyaura reagents
10:50 – 11:10 ORG-OR-17	<u>L. Minuti</u> , E. Ballerini Synthesis of cannabinoids via high pressure Diels-Alder reaction
	<b>Chair: M. D'Auria</b>
11:10 – 11:30 ORG-OR-18	<u>L. Pretali</u> , F. Tilocca, E. Fasani, A. Albini Photochemical Reaction Paths of Fleroxacin
11:30 – 11:50 ORG-OR-19	A. Astarita, F. Cermola, M. R. Iesce, L. Previtera, <u>M. Rubino</u> New tools in the photooxygenation reaction of furans
11:50 – 12:10 ORG-OR-20	G. Angelini, C. Chiappe, P. De Maria, A. Fontana, M. Pierini, <u>G. Siani</u> The base catalyzed keto-enol interconversion of 2-nitrocyclohexanone in ionic liquids
12:10 – 12:20	<b>Celebrazione Paternò-Büchi</b> M. D'Auria Emanuele Paternò- 100 years after his contribution to the birth of photochemistry
12:20 – 13:00 ORG-IL-5	A. G. Griesbeck The Paternò-Büchi reaction 100 years after the first experiments: chemo-, regio-, and stereocontrol as a matter of spin properties
	<b>Sessione Poster</b>
13:00 – 14:30	Poster ORG-PO-69 / 93, ORG-FL-1 / 10
Venerdì 10	
	<b>Sessione congiunta con la Divisione di Chimica dei Sistemi Biologici (Sala Ulisse)</b>
	<b>Chair: F. Gasparrini, R. Purrello</b>
9:00 – 9:40 ORG-KN-8	<b>Medaglia Quilico</b> G. Appendino Adventurous TRPs: Picking drugs leads and interesting chemistry in the garden of spices
9:40 – 10:00 CSB-OR-10	A. Messere RNA Interference by RNA-3' or 5'-PNA Chimeras
10:00 – 10:20 ORG-OR-21 / DCSB	<u>L. Izzo</u> , G. Acosta, J. Tulla-Puche, F. Albericio Solid-phase synthesis of Kahalalide F analogues
10:20 – 10:40 CSB-OR-11	B. Ziaco, D. Diana, C. Pedone, R. Fattorusso, <u>L. D. D'Andrea</u> Peptides modulators of VEGF-dependent angiogenesis
10:40 – 11:00 ORG-OR-22 / DCSB	<u>B. Punzo</u> , A. Berstetskiy, A. Andolfi, A. Motta, A. Evidente The phytotoxins produced by <i>Alternaria sonchi</i> , a potential mycoherbicide for <i>Sonchus arvensis</i> biocontrol
11:00 – 11:20	Pausa
	<b>Chair: R. Lanzetta, M. Franceschin</b>
11:20 – 11:40 ORG-OR-23 / DCSB	L. Luzzatto, C. Nativi, <u>B. Richichi</u> Synthesis of GPI anchor for PNH studies
11:40 – 12:00 CSB-OR-12	G. Paradossi Novel polymer shelled microbubbles for diagnostic and therapeutic purposes
12:00 – 12:20 ORG-OR-24 / DCSB	<u>S. Sforza</u> , T. Tedeschi, A. Calabretta, R. Corradini, R. Marchelli Design and synthesis of a Peptide Nucleic Acid embedding a pseudopeptide nuclear localization sequence in the backbone: a new peptide mimic
12:20 – 13:00 CSB-KN-6	M. Botta The fight against AIDS. The “old” Reverse Transcriptase (RT) and the “new” DDX3

<b>Elenco Poster Divisione di Chimica Organica</b>	
ORG-PO-01	Luca Bau, Fabrizio Mancin <i>Tunable amplification in intracellular probes</i>
ORG-PO-02	Caterina Frascchetti, Francesco Gasparini, Stefano Levi Mortera, Marco Pierini, Maurizio Speranza, Claudio Villani. <i>Gas-phase multi-body self-assembling complexes analyzed by original multiconformational molecular docking procedure</i>
ORG-PO-03	Pasquale De Santis, Cesare Giordano, Stefano Morosetti, Pasqualina Punzi, Anita Scipioni <i>Cyclopeptides with regular enantiomeric sequences: a wide class of modular architectures for nanotechnological applications</i>
ORG-PO-04	Assunta Marrocchi, Mirko Seri, Fabio Silvestri, Choongik Kim, Antonio Facchetti, Aldo Taticchi, Tobin J. Marks <i>Acetylene-derived materials as versatile p-type semiconductors in field-effect transistors and in bulk heterojunction solar cells</i>
ORG-PO-05	Antonello Di Crescenzo, Paolo De Maria, Gabriella Siani, Moreno Meneghetti, Maurizio Prato, Antonella Fontana <i>Disaggregation of single-walled carbon nanotubes promoted by a ionic liquid-based surfactant in aqueous solution</i>
ORG-PO-06	Paola Franchi, Elisabetta Mezzina, Marco Lucarini <i>Increasing the persistency of stable nitroxide: synthesis of the first paramagnetic [1]rotaxane</i>
ORG-PO-07	Alessandro Dondoni, Lisa Moni, Alberto Marra, Alessia Ciogli, Ilaria D'Acquarica, Francesco Gasparini <i>Synthesis of sugar-silica gels and sialoside-based materials via click azide-alkyne cycloaddition</i>
ORG-PO-08	Carmen Talotta, Francesco Troisi, Carmine Gaeta, Placido Neri <i>Enantioselective HPLC Resolution of Inherently Chiral Meta-Substituted Calix[4]arenes</i>
ORG-PO-09	Ilaria Giannicchi, Antonella Dalla Cort, Gustavo Portalone, Massimo Cametti, Luca Schiaffino <i>Zn-salophen complexes as versatile building blocks for molecular architectures</i>
ORG-PO-10	Marianna Arzillo, Alessandro Pezzella, Alessandra Napolitano, Marco d'Ischia, Veronica Ambrogi, Paola Persico, Cosimo Carfagna, Luigi Paduano, Gaetano Mangiapia, Alessandro Molisso <i>Oxidative polymerization of 5,6-dihydroxyindole in polyvinylalcohol/phosphate buffer: toward innovative bioinspired functional materials with tailored melanin-mimicking structures</i>
ORG-PO-11	Angela Scala, Giovanni Grassi, Nataliya Sergeeva, Mathias O. Senge <i>An investigation of Stille coupling reactions for the synthesis of porphyrin arrays</i>
ORG-PO-12	Giuseppe Cremonesi, Piero Dalla Croce, Concetta La Rosa <i>Stereoselective synthesis of polyhydroxy-<math>\alpha</math>-amino acids by ring opening of 4,5-dihydroisoxazolyl derivative</i>
ORG-PO-13	Silvana Alfei, Marco Pocci, Francesco Lucchesini, Vincenzo Bertini <i>Synthesis of linear glycopolymers containing D-galactose units and their glycosylation with benzylamine derivatives</i>
ORG-PO-14	Cinzia Chiappe, Marco Malvaldi, Christian Silvio Pomelli <i>Chemical reactivity in ionic liquids: a rationalization via computational models</i>
ORG-PO-15	Omar Hassan Omar, Paolo Rinaldi, Adriana Pedone, Alessandra Operamolla, Francesco Babudri, Gianluca Farinola, Francesco Naso <i>Conjugated Oligomers Functionalized with Biomolecules for Sensing and Labelling Application</i>
ORG-PO-16	Paolo De Maria, Antonello Di Crescenzo, Antonella Fontana, Jeffrey A. Hubbell, Diana Velluto <i>Aqueous polymeric dispersions of carbon nanotubes: a potential tool for intracellular transport of drugs</i>
ORG-PO-17	Guido Viscardi, Ermanno Barni, Claudia Barolo, Roberto Buscaino, Md. Khaja Nazeeruddin, Michaël Grätzel, Emma Artuso <i>Optimized Synthesis and Purification of N719 a Landmark DSC Dye</i>
ORG-PO-18	Alberto Minassi, Lavinia Cicione, Giovanni Appendino <i>Multi-component reaction of cyclic dicarbonyls, aldehydes, and electron-rich (hetero)arenes</i>
ORG-PO-19	Voichita Mihali, Michele Penso, Aaron Tagliabue, Francesca Foschi, Vittoria Lupi, Dario Landini <i>Regioselective synthesis of enantiopure 2,6-disubstituted morpholines under SL-PTC conditions</i>
ORG-PO-20	Ulma Cersosimo, Fabio Benedetti, Sara Drioli, Claudio Brancolini <i>Synthesis and pro-apoptotic activity of cytotoxic analogues of 3,5-bis(4-nitro-benzylidene)-tetrahydrothiopyran-4-one-1,1-dioxide (G5)</i>
ORG-PO-21	Annalisa Bertoli, Fulvia Felluga, Giuliana Pitacco, Ennio Valentin <i>Chemoenzymatic synthesis of optically active <math>\alpha</math>-methylene-<math>\gamma</math>-lactone and <math>\gamma</math>-lactams</i>
ORG-PO-22	Cesare Daniele Venneri, Fulvia Felluga, Giuliana Pitacco, Ennio Valentin <i>A facile chemo-enzymatic asymmetric synthesis of <math>\beta,\beta'</math>-dialkylated <math>\gamma</math>-aminobutyric acids</i>
ORG-PO-23	Francesca Foschi, Michele Penso, Aaron Tagliabue, Vittoria Lupi, Dario Landini <i>Stereoselective synthesis of <math>\alpha</math>-quaternary <math>\alpha</math>-aryl-<math>\alpha</math>-amino acid derivatives</i>
ORG-PO-24	Iacopo Degani, Rita Fochi, Claudio Magistris, Mara Migliaccio <i>Preparation of N,N-Dimethyl-N'-Arylureas Using S,S-Dimethyl Dithiocarbonate as a Carbonylating Reagent</i>
ORG-PO-25	Iacopo Degani, Rita Fochi, Claudio Magistris <i>O,S-Dimethyl Dithiocarbonate as a Phosgene Substitute: Synthesis of S-Methyl Thiocarbamates</i>
ORG-PO-26	Miriam Mba, Marta Pontini, Eszter Nagy, Cristiano Zonta, Giulia Licini <i>Self-assembling heterochiral Ti(IV) dinuclear <math>\eta</math>-oxo complexes as platforms for new catalysts and functional materials</i>
ORG-PO-27	Lorenzo Di Bari, Sebastiano Di Pietro, Gennaro Pescitelli, José M. Saà, Fernando TurLn <i>BINOLAM<sub>3</sub>: propeller-shaped lanthanide complexes.</i>
ORG-PO-28	Giuseppe Falini, Andrea Gualandi, Diego Savoia <i>Rhodium/Graphite-Catalyzed Hydrogenation of Carbocyclic and Heterocyclic Aromatic Compounds</i>
ORG-PO-29	Annalisa Cozza, Monica Nardi, Manuela Oliverio, Rosina Paonessa, Giovanni Sindona, Antonio Procopio

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	<i>Er(OTf)<sub>3</sub>-promoted condensation reactions for 1,5-benzo diaze-, oxaze- and thiazepines</i>
ORG-PO-30	<u>Marta Dal Molin</u> , Leonard J. Prins, Paolo M. Scrimin <i>Catalyst discovery using dynamic covalent capture</i>
ORG-PO-31	Augusto Gambacorta, Tecla Gasperi, M. Antonietta Loreto, Antonella Migliorini, Daniela Tofani, Claudia Ventura <i>Nucleophilic Epoxidation through Organocatalysis: a novel approach towards spiroepoxy phosphonates</i>
ORG-PO-32	<u>Margherita Barbero</u> , Stefano Bazzi, Silvano Cadamuro, Stefano Dughera, Cristina Prandi, Paolo Venturello <i>o-Benzenedisulfonimide: novel and reusable catalyst for Brønsted acid-catalyzed organic reactions</i>
ORG-PO-33	<u>Luca Beverina</u> , Maurizio Crippa, Mauro Sassi, Angelo Monguzzi, Francesco Meinardi, Riccardo Tubino, Giorgio A. Pagani <i>Perfluorinated nitrosopyrazolone-based erbium chelates: efficient, non hygroscopic and solution processable 1550 nm emitting compounds</i>
ORG-PO-34	<u>Rosaria De Marco</u> , Maria Luisa Di Gioia, Antonella Leggio, Angelo Liguori <i>“One pot” N-Ethylation of Nosyl-protected <math>\alpha</math>-amino acid methyl esters by using triethyloxonium tetrafluoroborate</i>
ORG-PO-35	Michelangelo Gruttadauria, Francesco Giacalone, Anna Maria Pia Salvo, Renato Noto, <u>Paola Agrigento</u> <i>Simple and low loading catalysts for asymmetric aldol reaction under aqueous condition</i>
ORG-PO-36	Michelangelo Gruttadauria, Francesco Giacalone, Paola Agrigento, Renato Noto, <u>Anna Maria Pia Salvo</u> <i>Novel supported dipeptides as recyclable catalysts for asymmetric aldol reaction.</i>
ORG-PO-37	Franco Ghelfi, <u>Valerio Giangiordano</u> , Mariella Pattarozzi, Ugo Maria Pagnoni, Fabrizio Roncaglia <i>“Ligand-Free-Like” Copper Catalyze ATRC</i>
ORG-PO-38	<u>Mauro Pineschi</u> , Stefano Crotti, Ferruccio Bertolini, Franco Macchia <i>Sequential Stereoselective Nickel-Catalyzed Borylation-Allylation of Vinyl Epoxides and Aziridines</i>
ORG-PO-39	<u>Mariangela Dammacco</u> , Leonardo Degennaro, Saverio Florio, Renzo Luisi, Biagia Musio <i>Stereo- and enantioselective synthesis of isochromanes based on lateral lithiation of ortho-tolylaziridines</i>
ORG-PO-40	Umberto Costantino, Francesco Fringuelli, <u>Mara Orrù</u> , Morena Nocchetti, Oriana Piermatti, Ferdinando Pizzo <i>A New <math>\alpha</math>-Zirconium Hydrogen Phosphates with high surface area as heterogeneous catalysts for Direct Aza-Diels-Alder reaction</i>
ORG-PO-41	Patrizia Scafato, <u>Francesca Caprioli</u> , Carlo Rosini <i>Asymmetric conjugate addition of arylboronic acids to enones mediated by rhodium/phosphoramidite complex</i>
ORG-PO-42	Stefania Fioravanti, <u>Lucio Pellacani</u> , Paolo Antonio Tardella, Maria Cecilia Vergari <i>Selective amination reactions of <math>\alpha</math>-substituted nitro alkenes</i>
ORG-PO-43	<u>Cosimo Cardellicchio</u> , Francesco Naso, Francesco Iannone, Maria Annunziata M. Capozzi <i>Synthesis of unnatural aminoacids by the Betti reaction</i>
ORG-PO-44	Veronica Neri, Claudia Crestini, Ernesto Di Mauro, Giovanna Costanzo, <u>Raffaele Saladino</u> <i>Role of the Formamide/Zirconia system in the prebiotic synthesis of the genetic and metabolic apparatuses</i>
ORG-PO-45	<u>Catalina Guiselle Scarponi</u> , Luana Bagnoli, Lorenzo Testaferri, Marcello Tiecco <i>Enantioenriched cyclopropane derivatives from vinyl selenones and di-(-)-bornyl malonate</i>
ORG-PO-46	Paolo Bovicelli, Emanuela Mandic', Giuliana Righi, <u>Ilaria Tirota</u> <i>Stereochemical control in the dihydroxylation of vinyl aziridines</i>
ORG-PO-47	Ugo Azzena, Luisa Pisano, <u>Sarah Mocchi</u> <i><math>\alpha</math>-Lithiation of methoxymethyl arylmethyl ethers: scope and limitations</i>
ORG-PO-48	<u>Mariella Pattarozzi</u> , Franco Ghelfi, Fabrizio Roncaglia, Ugo M. Pagnoni, Andrew F. Parsons <i>Novel Cu(I) catalyzed 5-endo-trig radical cyclization of ketene-N,S-acetals toward the synthesis of the disubstituted maleic anhydride nucleus</i>
ORG-PO-49	<u>Vincenzo Piccialli</u> , Giorgia Oliviero, Nicola Borbone <i>Discovery of a new PCC-mediated stereoselective oxidative spiroketalization process. An access to a new type of poly-THF spiroketal compounds displaying anticancer activity</i>
ORG-PO-50	Maria Rita Cramarossa, <u>Luca Forti</u> , Chiara Ponzoni, Ugo Maria Pagnoni, Sergio Riva <i>Chemo-Enzymatic Synthesis of a New Resveratrol Dimer Containing the Benzofuran Framework</i>
ORG-PO-51	Giorgio Cevasco, Anna Platek, Carlo Scapolla, Sergio Thea <i>New fluorescent reagents with benzofurazan skeleton for the determination of carboxylic acids in biological fluids</i>
ORG-PO-52	<u>Adalgisa Sinicropi</u> , M. Laura Parisi, Alfonso Melloni, Riccardo Rossi Paccani, Donato Donati, Vinicio Zanirato, Stefania Fusi, Loredana Latterini, Riccardo Basosi, Massimo Olivucci <i>Computer modeling, synthesis and spectroscopical characterization of a zwitterionic bio-mimetic and photochemical switch</i>
ORG-PO-53	<u>Mabel Vetere</u> , B. Gabriele, R. Mancuso, P. Plastina, G. Salerno, L. Veltri <i>New Synthesis of Pyrrole Derivatives by Sequential Heterocyclodehydration-Hydration from 2-Amino-1,1-dialkynyl-1-ols</i>
ORG-PO-54	<u>Margherita De Rosa</u> , Annunziata Soriente <i>MW-assisted nitro-Michael addition of pyrroles and indoles in water: a green Friedel-Crafts alkylation</i>
ORG-PO-55	<u>Paola Vitale</u> , Leonardo Di Nunno, Antonio Scilimati <i>3-Substituted-5-phenylthio-2-isoxazolines: synthesis and reactions with bases</i>
ORG-PO-56	Carlo Rosini, Stefano Superchi, Alessandra D'Elia, <u>Laura Pisani</u> <i>General stereoselective approach to lactonic flavors and fragrances</i>
ORG-PO-57	Renzo Ruzziconi, Sara Spizzichino, Ivan Tomasi <i>Reaction of 2-hydroxy-1,3-dicarbonyl compounds with DAST: a mechanistic study</i>
ORG-PO-58	Chiara Baldassarri, <u>Eleonora Ballerini</u> , Lucio Minuti, Oriana Piermatti <i>High pressure Diels-Alder reaction of benzylidene acetone derivatives. A new route to <math>\Delta^8</math>-tetrahydrocannabinol (<math>\Delta^8</math>-THC)</i>
ORG-PO-59	Mario Amati, Sandra Belviso, Maurizio D'Auria, Francesco Lejl, <u>Rocco Racioppi</u> , Licia Viggiani <i>Photochemical reactivity of Ethyl 5-iodothiazole-2-carboxylate to give ethyl 3-arylthiazole-4-</i>

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	<i>carboxylate derivatives</i>
ORG-PO-60	Maurizio D'Auria, Rocco Racioppi, Licia Viggiani, Paolo Zanirato <i>Photochemical reactivity of 2-azido-1,3-thiazole and 2-azido-1,3-benzothiazole: a procedure for aziridination of enol ethers</i>
ORG-PO-61	Renzo Alfini, <u>Alberto Brandi</u> , Donatella Giomi <i>New synthetic applications of pyridyl carbinols</i>
ORG-PO-62	Marco Lumini, Carolina Vurchio, Franca M. Cordero, <u>Alberto Brandi</u> <i>Synthesis of <math>\beta</math>-homoproline amino acids and tripeptides with potential anti HCV activity</i>
ORG-PO-63	Paola Bonanno, Carolina Vurchio, Franca M. Cordero, <u>Alberto Brandi</u> <i>Synthesis of 7-aminolentiginosine and its derivatives</i>
ORG-PO-64	Paolo Bovicelli, Valerio Isoni, <u>Romina Pelagalli</u> , Giuliana Righi <i>Synthesis of conformationally constrained chicoric acid analogues</i>
ORG-PO-65	Paolo Bovicelli, Valerio Isoni, Martina Marini, <u>Romina Pelagalli</u> , Giuliana Righi <i><math>\beta</math>-Hydroxy carbonyl moiety: a novel pharmacophore of potential HIV-1 Integrase inhibitors</i>
ORG-PO-66	Roberta Bernini, Giampiero Gualandi, Claudia Crestini, Cristina Belfiore, Stephan M. Willfor, Raffaele Saladino, <u>Maurizio Barontini</u> <i>Advances in the oxidation of lignan derivatives by homogeneous and heterogeneous rhenium catalysts</i>
ORG-PO-67	Roberta Bernini, Pasquale Mosesso, Gaetano Pepe, Stefan M. Willför, Rainer E. Sjöholm, Patrik C. Eklund, Raffaele Saladino, <u>Maurizio Barontini</u> <i>A selective de-O-methylation of guaiacyl lignans and neolignans to corresponding catechol derivatives by 2-iodoxybenzoic acid (IBX). Evaluation of the catechol moiety on their toxicity</i>
ORG-PO-68	Pietro Buzzini, Elisa Caselli, Maria Rita Cramarossa, <u>Luca Forti</u> , Marta Goretti, Elisabetta Marchegiani, Chiara Ponzoni, Benedetta Turchetti <i>Bioreduction of electron-poor alkenes by yeast whole-cells rich in enoate reductase</i>
ORG-PO-69	Claudia Crestini, Raffaella Perazzini, Melissa Guazzaroni, <u>Raffaele Saladino</u> <i>Immobilization of Horseradish Peroxidase and Laccase by the Layer-by-Layer Method</i>
ORG-PO-70	Nicola Borbone, Simona De Marino, <u>Carmen Festa</u> , Maria Iorizzi, Franco Zollo <i>L-Cysteine benzyl ester hydrochloride: a new chiral reagent in the sugar analysis</i>
ORG-PO-71	Augusta Caligiani, Martina Cirilini, Gerardo Palla, Alessia De Ascentiis, Primo Tortini <i>Spectroscopic characteristics and oxidation properties of partially ozonized sunflower oils</i>
ORG-PO-72	Michela Begala, Marcella Corda, <u>Giovanna Delogu</u> , Benedetta Era, Maria Benedetta Fadda, Antonella Fais, Giulio Ferino, Carmen Picciau, Graziella Tocco <i>Synthesis and tyrosinase inhibitory activity of biscoumarin-resveratrol ibrids</i>
ORG-PO-73	Giovanna Delogu, <u>Carmen Picciau</u> , Maria Joao Matos, Gianni Podda, Elias Quezada, Lourdes Santana <i>Synthesis of 2-phenylbenzofurans. Structures with rigid trans-resveratrol's core</i>
ORG-PO-74	Giuliana Righi, <u>Iaria Proietti Silvestri</u> , Nicola D'Antona, Daniela Lambusta, Paolo Bovicelli <i>Synthesis of polyoxygenated flavones</i>
ORG-PO-75	<u>P. Vitale</u> , M. G. Perrone, A. Scilimati, L. Di Nunno, R. Tangorra, M. A. M. Capozzi, C. Cardellicchio, F. Naso <i>Bioethanol from biomass model fermentation by Kluyveromyces marxianus CBS 6556</i>
ORG-PO-76	Tullia Tedeschi, Alessandro Tonelli, Roberto Corradini, Rosangela Marchelli, <u>Stefano Sforza</u> <i>Synthesis of Pyrenyl-PNA derivatives and spectroscopic study of their hybridization properties towards DNA and RNA</i>
ORG-PO-77	<u>Gloria Menchi</u> , Nicoletta Cini, Andrea Trabocchi, Luna Trollini, Francesco Conforto, Antonio Guarna <i>Design, synthesis and biological evaluation of non peptide integrin antagonists by Click Chemistry</i>
ORG-PO-78	Maria Antonietta Loreto, Antonella Migliorini, <u>Francesca Palmarelli</u> , Paolo Antonio Tardella <i>Synthesis of novel isoxazole derivatives as potential HRV capsid binding</i>
ORG-PO-79	Clelia Giannini, Emanuela Licandro, Stefano Maiorana, Sergio Dall'Angelo, Concetta Giancola, Bruno Pagano <i>Synthesis and biophysical characterization of nitrogen enriched PNA oligomers</i>
ORG-PO-80	Rosa Chillemi, <u>Valentina Greco</u> , Sebastiano Sciuto <i>Synthesis and bio-pharmacological activity of antisense phosphatidyl-oligonucleotides</i>
ORG-PO-81	T. Gasperi, M. A. Loreto, G. Norcia, P. A. Tardella, G. Furlotti <i>Regioselective Synthesis of N-2 Substituted Indazoles as Precursors of New Pharmacophores</i>
ORG-PO-82	<u>Luigia Capelli</u> , Paola Manini, Alessandro Pezzella, Alessandra Napolitano, Marco d'Ischia <i>A unified procedure for the synthesis of 5,6-dihydroxyindole dimers</i>
ORG-PO-83	Anna Aiello, Ernesto Fattorusso, <u>Concetta Imperatore</u> , Paolo Luciano, Marialuisa Menna, Rocco Vitalone, Carlo Irace, Rita Santamaria <i>Polysubstituted alkyl sulfates with antiproliferative activity from different species of Mediterranean ascidians</i>
ORG-PO-84	<u>Alessandro Accetta</u> , Alex Manicardi, Tullia Tedeschi, Stefano Sforza, Roberto Corradini, Rosangela Marchelli <i>Molecular Engineering of Uracil-based Modified Nucleobases</i>
ORG-PO-85	Maria Chiara Monti, <u>Maria Giovanna Chini</u> , Luigi Margarucci, Alessandra Tosco, Raffaele Riccio, Giuseppe Bifulco, Agostino Casapullo <i>The Molecular Mechanism of Human Group IIA Phospholipase A<sub>2</sub> Inactivation by Bolinaquinone</i>
ORG-PO-86	Giuseppe Bifulco, Ines Bruno, Raffaele Riccio, <u>Stefania Terracciano</u> <i>Chemistry and biology of potential histone deacetylase inhibitors as novel cancer therapeutic agents</i>
ORG-PO-87	<u>Rosa De Simone</u> , Maria Giovanna Chini, Ines Bruno, Giuseppe Bifulco, Stefania Marzocco, Giuseppina Autore, Raffaele Riccio <i>Towards the discovery of new mPGES-1 inhibitors as promising drug candidates in inflammatory diseases</i>
ORG-PO-88	Anna Aiello, Ernesto Fattorusso, Paolo Luciano, Marialuisa Menna, Rocco Vitalone <i>Structures and stereochemistry of three novel unique Polyaxibetaines from the marine source</i>

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ORG-PO-89	<u>Anna Maria Serrilli</u> , Agnese Maggi, Valentina Casagrande, Francesco Piccioni, Armandodoriano Bianco <i>Biogenesis of oleuropein: stereoselective synthesis of deuterium labelled precursors</i>
ORG-PO-90	Giuseppe Bifulco <i>Drug-Macromolecule interaction study by a combined approach of NMR spectroscopy and computational chemistry techniques</i>
ORG-PO-91	<u>Alberto Ballistreri</u> , Giuseppe Impallomeni, Giovanni M. Carnemolla, Salvatore P. P. Guglielmino, Marco Nicolò, Maria G. Cambria <i>Microbial synthesis and structural characterization of biodegradable polyesters from fatty acids with odd number of carbon atoms</i>
ORG-PO-92	Massimo Fabris, Vittorio Lucchini, <u>Marco Noè</u> , Alvisè Perosa, Maurizio Selva <i>Functional Ionic Liquids Made with Dimethylcarbonate: Bicarbonate Turned into a Strong Enough Base to Catalyse Michael Reactions</i>
ORG-PO-93	<u>Luana Bagnoli</u> , Catalina Scarponi, Lorenzo Testaferri, Marcello Tiecco <i>Use of alkyl and vinyl selenones in asymmetric synthesis</i>