

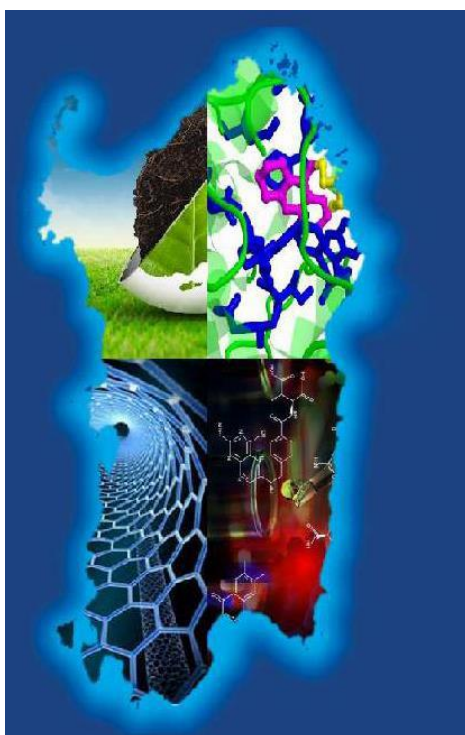


# SardiniaChem 2019

Venerdì 21 Giugno 2019

Dipartimento di Chimica e Farmacia

Complesso Didattico, Aula Magna A, Via Vienna 2, Sassari



SardiniaChem 2019 vuole essere un momento di incontro e scambio culturale e scientifico per tutta la comunità chimica della regione Sardegna, organizzato dalla Sezione Sardegna della Società Chimica Italiana con il patrocinio di:

Università degli Studi di Sassari, Università di Cagliari e Istituto di Chimica Biomolecolare del CNR.

## Programma

Ore 9.00 – 9.30 registrazione

Ore 9.30 – 9.45 Saluti del Magnifico Rettore dell'Università degli Studi di Sassari Prof. Massimo Carpinelli, saluti del Direttore del Dipartimento di Chimica e Farmacia Prof. Gerardo Pinna e presentazione del convegno da parte del Presidente della Sezione Sardegna della SCI Prof.ssa Lidia De Luca.

Ore 9.45 – 11.20 Prima sessione, Chairman: Dott. Mauro Marchetti

9.45 – 10.20 Invited Lecture: Prof. Vittorio Pace, Università di Vienna, Designing New Synthetic Concepts for Imparting Molecular Complexity with C-1 Sources

10.20 – 10.35 Andrea Porcheddu, Mech@nochemistry: a Disruptive Approach to Organic Synthesis

10.35 – 10.50 Massimiliano Peana, Il ruolo del Mn(II) nel meccanismo di radioresistenza del batterio *Deinococcus radiodurans*

10.50 – 11.05 Ismael Malbrán, Reduction of trichodiene production as a sustainable strategy to manage *Fusarium head blight*

11.05 – 11.20 Alberto Luridiana, Hydroxycyclobutanones: Photochemical synthesis, Brønsted acid mediate reactivity and synthetic application

11.20-11.40 Coffee Break

Ore 11.40 – 13.05 Seconda sessione Chairman: Prof. Guido Ennas

11.40 – 11.55 Paola Carta, Three-dimensional structure analysis and flexibility investigation of an unusual proline-leucine-rich toad-skin peptide

11.55 – 12.10 Maria Laura Grasso, Study of the interaction between CO<sub>2</sub> and complex metal hydrides

12.10 – 12.25 Valentina Mamei, <sup>57</sup>Fe Mössbauer Spectroscopy and DC/AC magnetometry for studying synthetic and natural materials

12.25 – 12.40 Mariangela Oggianu, Nanosheets of 2D Metal-Organic Frameworks based on Visible emitting Lanthanides and Anilate derivatives

12.40 – 12.55 Stefania Mura, Graphene/Iron Oxides Nanocomposites for Water Remediation

12.55 – 13.10 Antonio Iacomini, Local piezoelectric behavior of potassium sodium niobate prepared by a facile synthesis via water soluble precursors

13.10 – 14.00 Pranzo

14.00 – 14.40 Sessione poster

Ore 14.40 – 16.10 Terza sessione Chairman: Prof.ssa Anna Maria Fadda

14.40 – 14.55 Benedetta Fois, Natural and hydrolyzed compounds from *Teucrium flavum* subsp. *glaucum* as Inhibitors of HIV-1 RT RNase H function

14.55 – 15.10 Davide Moi, Hydrazones derivatives as multifunctional drugs

15.10 – 15.25 Lisa Sequiera, Development of tumour-associated enzymes inhibitors

15.25 – 15.40 Giulia Pitzanti, Transcutol® P containing SLNs improve 8-MOP penetration into the skin

15.40 – 15.55 Antonella Obinu, Indocyanine green-loaded poly (ethyl 2-cyanoacrylate), a new theranostic model for tumor diagnosis and treatment

15.55 – 16.10 Alessandra Scano, Towards mechanochemistry: new perspectives in the synthesis of superparamagnetic ordered mesoporous materials for biomedical applications

Ore 16.10 – 16.25 Coffe Break

Ore 16.25 – 17.25 Invited Lecture: Prof. Luigi Fabbrizzi The Periodic Table is celebrating its 150<sup>th</sup> birthday and is in perfect shape. Chairman: Prof. Sergio Stoccoro.

Ore 17.25 – 18.25 Quarta sessione Chairman: Prof.ssa Maria Antonietta Zoroddu

17.25 – 17.40 Eugenio Garribba, Determining the binding of vanadium species to proteins with an integrated ESI-MS/EPR/computational approach

17.40 – 17.55 Marco Fornasier, Imaging  $\beta$ -Cells: Fluorescent Nanoerythroosomes in Diabetes

17.55 – 18.10 Giacomo Picci, Isophthalamides as synthetic anion transporters

18.10 – 18.25 Sara Pishedda, Synthesis and characterization of new Gold(III) cationic adducts with N-heterocyclic ligands

Ore 18.25 – 18.35 Conclusione dei lavori

**Il comitato organizzatore:**

*Prof.ssa Lidia De Luca*

*Dott.ssa Silvia Gaspa*

*Dott. Filippo Cottiglia*

*Dott.ssa Marzia Fantauzzi*

*Dott. Antonio Valentoni*

*Prof.ssa Valentina Onnis*

*Dott. Massimo Carraro*

*Dott.ssa Giovanna Delogu*

*Dott. Sebastiano Garroni*

*Prof.ssa Elisabetta Gavini*

*Prof. Sergio Stoccoro*