

10th European Chemistry Congress

July 15-16, 2020
Vienna, Austria



**Theme: Visualizing the Future Effects of Chemistry and
Novel Drug Delivery Systems**

S C I E N T I F I C P R O G R A M

08:30-09:00 **Registrations**09:00-09:30 **Introduction****09:30-09:50 COFFEE BREAK**09:50-11:50
Meeting Hall 01**KEYNOTE LECTURES**

	MEETING HALL 01	MEETING HALL 02
11:50-13:10	Talks On: Organic Chemistry	Talks On: Inorganic Chemistry
	Acid Halides, Alcohols, Aldehydes, Ketones & Alkyl Halides	Coordination Chemistry & Case Studies
	Thiols & Sulfides	Crystal Field Theory
	Nitriles & Phenols	Crystal Lattices
	Phosphines & Polymers	Descriptive Chemistry
	Case Studies, Chirality & Conjugation	Electronic configurations
	Esters & Ethers	Ligand field theory

13:10-13:15 GROUP PHOTO**13:15-14:00 LUNCH BREAK**

	MEETING HALL 01	MEETING HALL 02
14:00-16:00	Talks On: Analytical Chemistry	Talks On: Green Chemistry
	Standardizing analytical methods	Waste prevention instead of remediation
	Equilibrium chemistry	Design products to undergo degradation in the environment
	Gravimetric methods	Catalytic rather than stoichiometric reagents
	Titrimetric methods	Preferred use of renewable raw materials
	Spectroscopic methods	Energy efficiency by design
	Electrochemical methods	Innocuous solvents and auxiliaries

16:00-16:20 COFFEE BREAK**MEETING HALL 01 (16:20-17:00)**Young Researchers in
Chemistry Research**MEETING HALL 01 (17:00-18:00)**

Workshop

09:00-10:30
 Meeting Hall 01
KEYNOTE LECTURES**10:30-10:50 COFFEE BREAK**

	MEETING HALL 01	MEETING HALL 02
10:50-12:50	Talks On: Physical Chemistry	Talks On: Theoretical Chemistry
	Atomic theory	Fundamentals & Symmetry
	Equilibria	Physical organic chemistry
	Kinetics	Ensemble Simulations
	Quantum mechanics	Chemical Bonding

12:50-13:35 LUNCH BREAK

	MEETING HALL 01	MEETING HALL 02
13:35-15:55	Talks On: Polymer Chemistry	Talks On: Medicinal Chemistry
	Polymer Science and recent development	Drug discovery
	Polymer Nanotechnology	Hit to lead and lead optimization
	Applications Of Bio Polymers and Bioplastics	Process chemistry and development
	Polymer Engineering and Synthetic Polymers	Drug design

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Featured Speaker Presentations

Direct microalgae harvesting to prevent harmful algal blooms and produce renewable biofuel

Kevin Shurtleff, Utah Valley University, USA

Carborane-containing matrix metalloproteinase (MMP) enzyme inhibitors as tumor-targeting ligands for boron neutron capture therapy (BNCT)

Daniel P Becker, Loyola University Chicago, USA

Life cycle analysis as a decision-making tool for sustainable chemical production

Yuan Yao, North Carolina State University, USA

Fluorescence emission color changes of acrylonitrile derivatives, structure and optical properties

María. J Percino, Universidad Autónoma de Puebla, Mexico

Practical planning for the aromatic essence creation process

Marcos Aurelio Gomes da Silva, Federal University of Juiz De Fora, Brazil

Porous organic molecular solid for separations

Tamoghna Mitra, University of Liverpool, UK

The new dimensions of quantum mechanical spectral analysis (QMSA)

Reino Laatikainen, University of Eastern Finland, Finland

Speaker slots are available

The protective effect of the bilberry extract on the level of oxidative stress in rats exposed to hepatotoxic effects of carbon tetrachloride

Dejan Popovic, University of Nis, Serbia

Recovery of a chitin and minerals from marine biomass by using deep eutectic solvents

Bojana Bradic, National institute of chemistry, Slovenia

Synthesis and chemistry of new elements at Riken

Hiromitsu Haba, Nishina Center for Accelerator-Based Science, Japan

Design of nano-structured catalysts for environmentally benign and selective molecular transformations

Takato Mitsudome, Osaka University Graduate School of Engineering Science, Japan

Zinc Ferrum energy storage chemistries with high efficiency and long cycling life

Zheng Chang, Shanghai Institute of Ceramics, China

Codetermination of sphingomyelin and cholesterol in cellular plasma membrane in sphingomyelin-depletion-induced cholesterol efflux

Danjun Fang, Nanjing Medical University, China

Bioinspired hierarchical graphene oxide wrinkles for flexible sensors, actuators and manipulators

Zengyong Chu, National University of Defense Technology, China

Featured Speaker Presentations

Electrochemiluminescence determination and removal of membrane choline in living cells

Shuohan Huang, Nanjing Medical University School of Pharmacy, China

Synthetic study to Ictexane natural products by using transition-metal catalysis

Chang Ho Oh, Hanyang University, South Korea

Solvent extraction kinetics of silver with methyl ketonic p-tert-octylcalix[4]arene in the modified lewis cell technique

Jee Young Kim, Kosin University, South Korea

Fully bio-based epoxy thermosets with low-dissipation factor

Chien Han Chen, National Taiwan University, Taiwan

Structure-property relationship of vinyl-terminated oligo(2,6-dimethyl-1,4-phenylene ether)s (OPEs): seeking a OPE with better properties

Ching-Hsuan Lin, National Chung Hsing University, Taiwan

Mechanism of oxidations of a chiral biomass-derived substrate namely isosorbide

Basim H. Asghar, Umm Al-Qura University, Saudi Arabia

HPLC-Fluorescence method for the enantioselective analysis of propranolol in rat serum using immobilized polysaccharide-based chiral stationary phase

Aymen Al-Suwailem, King Saud University, Saudi Arabia

Nanomaterials for therapeutic and sensing applications

Sudarshan Kini, Nitte University, India

Synthesis, characterization and biological activities of 1,3-disubstituted thioureas

Amara Mumtaz, COMSATS University Islamabad

Speaker slots are available

Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry

Prakash Kinthada, JNTU University, India

Role of plant extracts for enhancing photocatalytic activity

Seema Garg, Amity University, India

Comparison between Sn modified single crystal and preferentially Pt electrodes towards ethanol oxidation in acidic medium

A.A.El-Shafei, Mansoura University, Egypt

European chemistry is the major european industry for the development of health, basic need and daily use of life, reduction in poverty and hunger in the world like South Asia particularly in Pakistan

Muhammad Usman, General of Agricultural Research System

Synthesized silver nanoparticle using gallic acid for inhibition of breast cancer

Amrish Chandra, Amity University, India

Synthesis and characterization of polyurethanes acrylate copolymer based on cycloaliphatic diisocyanate

Sajida Perveen, Government College University Faisalabad

Featured Speaker Presentations

Force induced mechanical adaptations in soft condensed matter systems

Sayantan Majumdar, Raman Research Institute, India

Development and adhesion study of adhesive system from bio-material for wood bonding

Poorvesh D Rathod, Institute of Science and Technology for Advanced Studies and Research, India

Novel silica supported pyrazole compounds for water purification

Madeeha Batool, University of the Punjab



Organizing Committee Members



Changjian Feng

University of New Mexico
USA



Vakhtang Barbakadze

Tbilisi State Medical University
Georgia



Janis Gravitis

Latvian State Institute of Wood
Chemistry
Latvia



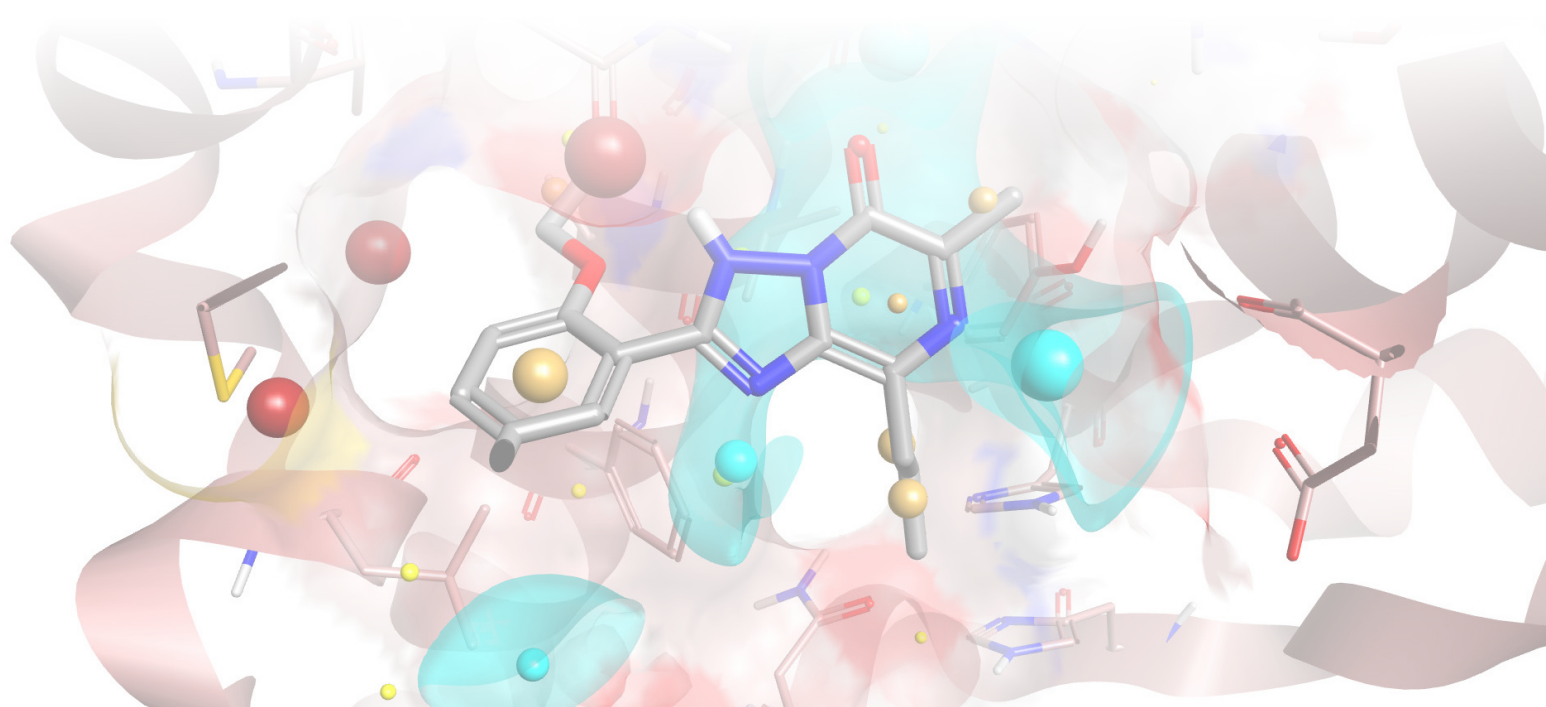
Violina T Angelova

Medical University of Sofia
Bulgaria



Silvia Antonia Brandan

Institute of Inorganic Chemistry
Argentina



PAST AFFILIATES

Bolormaa Vandanmagsar

Louisiana State University, USA

Samson Jamesdaniel

Wayne State University, USA

Alan J Tackett

University of Arkansas for Medical Sciences, USA

Wai-Yim Ching

University of Missouri, USA

Mark Hixon

Mark S Hixon Consulting LLC, USA

Zivko Nikolov

Texas A&M University, USA

Dharshi Bopegedera

The Evergreen State College, USA

Don Coltart

University of Houston, USA

Luc Jaeger

University of California, USA

Julissa Gonzalez Villegas

University of Puerto Rico, USA

Uma Shankavaram

National Institutes of Health, USA

John F Cipollo

Center for Biologics Evaluation and Research-USFDA, USA

Yanli Wang

National Center for Biotechnology Information, USA

John Wilson

Cold Spring Harbor Laboratory, USA

Hesham H. Ali

University of Nebraska, USA

Hee-Je Kim

Pusan National University, South Korea

Xusheng Wang

St Jude Childrens Research Hospital, USA

Steven Pelech

Kinexus Bioinformatics Corporation, Canada

Steven Pelech

Kinexus Bioinformatics Corporation, Canada

Franz-Josef Meyer-Almes

Darmstadt University of Applied Sciences, Germany

Giulia Tarantino

Cardiff University, UK

Jean-Christophe Carry

Sanofi, France

Nawal Serradji

Paris Diderot University, France

Germain Vallverdu

IPREM, France

PAST AFFILIATES

Marius Closca

Al I Cuza University of Iasi, Romania

Marius Zaharia

Al I Cuza University, Romania

Slawomir Jarosz

Polish Academy of Sciences, Poland

Claire Mangeney

University Paris Descartes, France

Lars Baltzer

Uppsala University, Sweden

Fatih Sirindil

University of Strasbourg, France

M Paula Robalo

Polytechnic Institute of Lisbon, Portugal

Maria Szyszkowska

The Rzeszow University of Technology, Poland

Jasmina Casals Terre

Microtech Lab, Spain

Marcelo Vollmann

Petrochemicals Europe, Belgium

Tilo Sohnel

University of Auckland, Netherlands

Piotr Cysewski

Nicolaus Copernicus University in Torun, Poland

Colmont Marie

Universite of Lille, France

Daniel T Gryko

Polish Academy of Sciences, Poland

Cecilia Mortalo

*Chemical Institute of Condensed Matter and Energy
Technologies, Italy*

Jill Barber

University of Manchester, UK

Tiziana Bonaldi

European Institute of Oncology, Italy

Marwa Eltoweissy

University of Göttingen, Germany

Judit Ovádi

Hungarian Academy of Sciences, Hungary

Miguel Quintela-Fandino

Spanish National Cancer Research Center, Spain

Magnus S Magnusson

University of Iceland, Iceland

Federica Chiappori

*Istituto di Tecnologie Biomediche-Consiglio Nazionale
delle Ricerche, Italy*

David L Officer

University of Wollongong, Australia

PAST AFFILIATES

Alexei V Finkelstein

Institute of Protein Research, Russia

Pavel Sorokin

National University of Science and Technology
MISIS, Russia

Vakhtang Barbakadze

Tbilisi State Medical University, Georgia

Tuanli Yao

Shaanxi University of Science and Technology,
China

Jae-Sang Ryu

Ewha Womans University, South Korea

Jung-Mi Hah

Hanyang University, South Korea

Hyunwook Jung

Yonsei University, South Korea

Bo-Qing Xu

Tsinghua University, China

Byunghan Han

Yonsei University, South Korea

Ubon Rerkam

Thailand Institute of Scientific and Technological
Research, Thailand

Ozge Yuksel Orhan

Hacettepe University, Turkey

Ken Cham-Fai Leung

The Hong Kong Baptist University, Hong Kong

Vikrant A Adsool

ASTAR, Singapore

Huseyin Cimen

Yeditepe University, Turkey

Yerin Jeong

Ewha Womans University, South Korea

Hasni Arsad

Universiti Sains Malaysia, Malaysia

Chin Chiew Foan

University of Nottingham, Malaysia

Nadeem A. Kizilbash

Northern Border University, Saudi Arabia

G Seghal Kiran

Pondicherry University, India

Sandeep Bansode

Dr D Y Patil Biotechnology and Bioinformatics Institute,
India

GLIMPSES OF EURO CHEMISTRY CONFERENCES



Vienna Attractions

