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The conference has been supported by:

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SCIENTIFIC PROGRAMME

Monday, June 30th

S. MARIA DELLA SCALA MUSEUM

PIAZZA DUOMO – SIENA

- 14:30 **Registration**
- 17:00 **Welcome Addresses**
- Gianluca Giorgi** – Chairman
 President of the Division of Mass Spectrometry
 of the Italian Chemical Society – University of Siena
- Jean-Claude Tabet** – Co-Chairman
 University Pierre et Marie Curie Paris
- Julia Chamot-Rooke**
 President of the French Society of Mass Spectrometry
 CNRS - Palaiseau Cedex
- Maurizio Taddei**
 Rector's Delegate for Research of the University of Siena
- Donato Donati**
 Dean of the Faculty of Mathematics, Physics and Natural
 Sciences of the University of Siena
- 17:30 **SCI-DSM Awards & Fellowships Ceremony**
- 18:00 **Guided visit at Santa Maria della Scala Museum**
- 19:00 **Welcome cocktail**

Tuesday, July 1st

BIOLOGICAL INSTITUTES OF THE UNIVERSITY OF SIENA

VIA LATERINA - SIENA

- 9:00 **I Session:**
Chairman: Gianangelo Vaglio
- 9:00 **ION ACTIVATION IN RF TRAPS: ELECTRONS,
PHOTONS AND COLLISIONS** *TuPl1*
Gary Glish
University of North Carolina (USA)
- 9:40 **REACTIVITY OF THE DEHYDROGENATED
POLYAROMATIC ION C₂₄H₁₁⁺ WITH H₂O IN THE
COLD ION CYCLOTRON CELL OF PIRENEA** *TuOr1*
C. Joblin, N. Bruneleau, A. Simon
Université de Toulouse (France)
- 10:00 **FT-ICR STUDY OF THE HEME-NO INTERACTION:
REACTIVITY AND SPECTROSCOPY** *TuKn1*
*B. Chiavarino, M. E. Crestoni, S. Fornarini, F. Lanucara,
J. Lemaire, P. Maître, D. Scuderi.*, Sapienza Università di
Roma (Italy)
- 10:30 *Coffee break*
- 10:50 **II Session:**
Chairman: Silvia Catinella
- 10:50 **DEHYDROGENATION REACTIONS STUDIED
IN THE GAS PHASE** *TuPl2*
Einar Uggerud, University of Oslo (Norway)
- 11:30 **MASS SPECTROMETRIC IDENTIFICATION
OF THE UBIQUITOUS ORGANIC IMPURITIES
OF METHANOL** *TuOr2*
G. Guella, D. Ascenzi, P. Franceschi, P. Tosi
University of Trento (Italy)
- 11:50 **GAS PHASE REACTIVITY OF ANIONS,
FUNDAMENTALS AND APPLICATIONS** *TuKn2*
Edwin De Pauw, Liege University (Belgium)

12:20	SOME EXAMPLES OF ORGANOMETALLIC CHEMISTRY REACTIVITY IN GAS PHASE <i>D. Lesage, Y. Gimbert, L. Giordano, R. Thota, S. Baumgarten, J-P. Goddard, L. Fensterbank, G. Buono, M. Malacria, J-C. Tabet</i> , CNRS, Grenoble (France)	TuOr3
12:40	VARIAN 920-MS: A NEW POWERFUL TOOL FOR HIGH RESOLUTION MASS SPECTROMETRY <i>J. S. Becker, K. Pihakari</i> , Varian Inc., Oxford (UK)	TuOr4
13:00	<i>Lunch</i>	
14:00	III Session: Chairman: Giovanni Sindona	
14:00	<i>Poster session (posters n. 1-25) and vendor exhibition</i>	
15:30	ANALYTICAL METHODS FOR THE STUDY OF ORGANOTIN COMPOUNDS BY MASS SPECTROMETRY <i>Emanuele Magi</i> Università di Genova (Italy)	TuKn3
16:00	LC-APCI-MS/MS METHOD OPTIMISATION AND VALIDATION FOR DETERMINATION OF HETEROCYCLIC AROMATIC AMINES IN COOKED BEEF MEAT <i>S. Chevolleau, S. Bruel, C. Touzet, E. Greve, S. Portanguen, A. Kondjoyan, L. Debrauwer</i> , UMR 1089 Xénobiotiques, Toulouse (France)	TuOr5
16:20	CHARACTERIZATION OF NEW FLAVONOIDS IN PUMMELO JUICE BY HIGH RESOLUTION MASS SPECTROMETRY AND HIGH RESOLUTION NUCLEAR MAGNETIC RESONANCE <i>D. Taverna, R. Salerno, L. Di Donna, F. Mazzotti, G. De Luca, G. Sindona</i> , Università della Calabria, Arcavacata di Rende (CS, Italy)	TuOr6
16:40	<i>Coffee break</i>	

17:00	IV Session: Chairman: Andrea Raffaelli	
17:00	ENERGETICS AND MECHANISMS FOR THE DECOMPOSITION OF METALLATED AND PROTONATED AMINO ACIDS <i>A. L. Heaton, S. J. Ye, <u>P. B. Armentrout</u></i> University of Utah, Salt Lake City (USA)	TuPl3
17:40	A COMBINED MASS SPECTROMETRY APPROACH IN THE STUDY OF CYCLIC PEPTIDES AND THEIR CHELATING PROPERTIES TOWARDS METAL IONS <i>E. Giocaliere, G. Fontani, M. Ginanneschi, <u>G. Giorgi</u></i> University of Siena (Italy)	TuOr7
18:00	TOTAL ELUCIDATION MACHINE FOR UNAMBIGUOUS FORMULA DETERMINATION <i>Ian Sanders</i> , Bruker Daltonik GmbH, Bremen, Germany	TuOr8
18:20	End of Session	
20:00	Social dinner	

Wednesday, July 2nd

Enjoy the Palio

Thursday, July 3rd

- 9:00 **Joint Session with the Proteomics Group of the Italian Chemical Society**
Chairman: Salvatore Foti
- 9:00 **ROLE OF SALT BRIDGE IN THE GAS PHASE STABILITY OF NON-COVALENT COMPLEXES WITH SINGLE AND DOUBLE STRAND DNAs** ThPl1
Jean-Claude Tabet
Université Pierre et Marie Curie, Paris (France)
- 9:40 **PEPTIDES AND PROTEINS AS MARKERS OF QUALITY AND SAFETY IN FOOD: A MASS SPECTROMETRY APPROACH** ThOr1
V. Cavatorta, S. Sforza, A. Dossena, R. Marchelli
University of Parma (Italy)
- 10:00 **ELECTROSPRAY MASS SPECTROMETRY FOR THE IDENTIFICATION OF THE DISCRIMINATING SIGNALS FROM METABOLOMICS: CURRENT STATUS AND FUTURE TRENDS** ThOr2
E. Werner, J-F. Heilier, G. Madalinski, E. Ezan, J-C. Tabet, C. Junot
CEA, DSV / iBiTec-S, Gif-sur-Yvette (France)
- 10:20 **ELECTRON TRANSFER DISSOCIATION RENDERING INVISIBLE PORTION OF PROTEOMES VISIBLE** ThOr3
Giorgio Vago, Thermo Fisher Scientific
- 10:40 *Coffee break*
- 11:10 **II Session:**
Chairman: Giorgio Mellerio
- 11:10 **FUNDAMENTAL GAS-PHASE PROPERTIES FROM PROTON-BOUND DIMER IONS** ThPl2
John Poustma
The College of William and Mary, Williamsburg (USA)
- 11:50 **ECD OF CHARGE TAGGED PEPTIDES: FUNDAMENTALS AND APPLICATIONS** ThOr4
G. Frison, G. van der Rest, C. Malosse, F. Turecek, J. Lemaire, P. Maître, J. Chamot-Rooke, G. Wagner
Ecole Polytechnique, CNRS, Palaiseau (France)

12:10	SIGNALLING MOLECULES OF GRAM-NEGATIVE BACTERIA INVESTIGATED BY LC-ESI-LTQ-FTMS <i>S. Abate, G. Bianco, <u>T. R. I. Cataldi</u></i> Università della Basilicata, Potenza (Italy)	ThOr5
12:30	NEW TOOLS FOR HIGH SENSITIVITY QUANTITATION OF PEPTIDES WITH TRADITIONAL AND NANO-LCMS <i>Marco Zanotti</i> Agilent Technologies	ThOr6
12:50	<i>Lunch</i>	
14:15	III Session: in Memory of Prof. Antonio Selva Chairman: Leopoldo Ceraulo Introduction: Leopoldo Ceraulo	
14:30	MASS SPECTROMETRIC INVESTIGATIONS ON CYCLODEXTRINS' HOST-GUEST COMPLEXES <i>Andrea Mele</i> Politecnico di Milano (Italy)	ThKn1
15:00	MAPPING HONEYBEE ALLERGEN ACTION AND STUDY OF ORGANISM RESPONSE BY MALDI MSI <i><u>S. Francese</u>, D. Lambardi, G. Mastrobuoni, G. la Marca, G. Moneti, S. Turillazzi</i> C.I.S.M. Firenze (Italy)	ThOr7
15:20	IDENTIFICATION OF DIFFERENTIALLY EXPRESSED PROTEINS IN THE FLESH OF BLOOD AND COMMON ORANGES <i><u>V. Muccilli</u>, V. Cunsolo, R. Saletti, G. Reforgiato Recupero, S. Foti</i> Università di Catania (Italy)	ThOr8
15:40	<i>Poster session (posters n. 26-51) and vendor exhibition</i> <i>Coffee break</i>	

- 17:15 **IV Session:**
Chairman: Giuseppe Pieraccini
- 17:15 **ANILINE/ α -CYANO-4-HYDROXYCINNAMIC ACID
AS A HIGHLY VERSATILE IONIC LIQUID MATRIX
FOR MALDI MASS SPECTROMETRY** **ThOr9**
C.D. Calvano, S. Carulli, F. Palmisano, P.G. Zambonin
Università degli Studi di Bari (Italy)
- 17:35 **NEW MALDI-TRIPLE QUADRUPOLE BASED
WORKFLOWS FOR HIGH THROUGHPUT ADME
STUDIES** **ThOr10**
H. Snijders, J-F. Alary, P. Dossetto
Applied Biosystems, Nieuwerkerk a/d IJssel (The Netherlands)
- 17:55 **End of Session**

Friday, July 4th

- 9:15 **I Session:**
Chairman: Vincenzo Cunsolo
- 9:15 **DIABETES AND MASS SPECTROMETRY** *FrPl1*
R. Seraglia, A. Lapolla, P. Traldi
CNR-ISTM, Padova (Italy)
- 9:55 **SMOKING-RELATED OXIDATIVE STRESS STUDY USING ON-LINE NANOLC NANO-ESI-FT-ICR ECD MS/MS** *FrOr1*
P. Le Faouder, I. Emami, C. Rolando, C. Tokarski
UMR CNRS, Villeneuve d'Ascq (France)
- 10:15 **AMINO ACIDS AND ACYLCARNITINES PROFILES OBTAINED BY DESORPTION ELECTROSPRAY IONIZATION TANDEM MASS SPECTROMETRY (DESI/MS/MS)** *FrOr2*
G. Paglia, O. D'Apolito, D. Garofalo, G. Corso
University of Foggia (Italy)
- 10:35 **ADVANCED DEVELOPMENT IN LC-MS/MS FOR REACHING THE HIGHEST SENSITIVITY LEVEL AND ACCESSING EFFICIENTLY TO QUALITATIVE ANALYSIS** *FrOr3*
J-M. Joumier, J. Lin
Waters Europe, St Quentin en Yvelines cedex (France)
- 10:55 **Coffee Break**
- 11:30 ***The Division of Mass Spectrometry of the Italian Chemical Society: present and perspectives.***
- 12:45 ***Arrivederci !***

LIST OF POSTER COMMUNICATIONS

Poster should be set up on Tuesday, July 1st by 9:00 and remain posted till Thursday, July 3rd at 18:00. The presenting Author should be present at the poster board during the poster session: Tuesday, July 1st from 14:00 to 15:30 (posters n. 1-25) and Thursday, July 3rd from 15:40 to 17:15 (posters n. 26-51).

- P1 **DISSOLUTION TESTS OF NANOSTRUCTURED SILVER FILMS BY ICP-MS**
S. Barison, A. Campiglio, T. Cavallin, S. Daolio, M. Fabrizio, S. Fiameni, *ENI-CNR, Padova (Italy)*
- P2 **ANALYSIS OF ORGANIC MATERIAL IN ART AND ARCHAEOLOGICAL SAMPLES USING HIGH RESOLUTION NANO-ESI FT-ICR MS/MS**
C. Tokarski, N. Garnier, C. Rolando, *UMR CNRS, USTL, Villeneuve d'Ascq (France)*
- P3 **INTERNAL ENERGY DISTRIBUTION OF IONS PRODUCED IN ELECTROSPRAY SOURCE WITH ION FUNNEL GEOMETRY**
H. Nedev, I. Agron, A. Pak, D. Lesage, J.-C. Tabet, *UPMC Univ. Paris 6, Paris (France)*
- P4 **PHOTOPHYSICS OF INTERSTELLAR MACRO-MOLECULES IN THE FTICR-MS PIRENEA SET-UP**
F. Useli Bacchitta, C. Joblin, *Université Toulouse 3 (France)*
- P5 **SURFACTANT SELF-ASSEMBLING IN THE GAS PHASE: AOT-METAL ION NEGATIVE CHARGED AGGREGATES**
E. Giocaliere, V. Turco Liveri, G. Giorgi, *Università di Siena (Italy)*
- P6 **MASS SPECTROMETRY IN THE STUDY OF PHOSPHATIDYLCHOLINE ADDUCTS**
G. Fontani, V. Turco Liveri, G. Giorgi, *Università di Siena (Italy)*
- P7 **INTERACTIONS BETWEEN Nu⁻ (Nu = OH, Br, I) AND AN ELECTRON-DEFICIENT AROMATIC MOLECULE: INFRARED SPECTRA OF THE GASEOUS COMPLEXES**
B. Chiavarino, M.E. Crestoni, S. Fornarini, F. Lanucara, J. Lemaire, P. Maître, D. Scuderi, *Sapienza Università di Roma (Italy)*
- P8 **FRAGMENTATION OF BENZYLPIRIDINIUM CATIONS CONSIDERED AS THERMOMETER IONS. EXPERIMENTAL AND THEORETICAL STUDIES**
E.-L. Zins, D. Rondeau, C. Pepe, *UPMC, Paris, (France)*
- P9 **OXYGENATION REACTIVITY OF GASEOUS HIGH VALENT OXO-MANGANESE PORPHYRIN COMPLEXES**
B. Chiavarino, F. Lanucara, M.E. Crestoni, S. Fornarini, *Università di Roma 'La Sapienza', Roma (Italy)*
- P10 **STUDY OF PHENYLETHYNE COORDINATED TO PD(II) COMPLEX ISOMERIZATION PROCESS UNDER CAR/CID CONDITIONS AND THEORETICAL CALCULATION**
Y. Gimbert, R. Jagadeshwar, D. Lesage, L. Giordano, J.-C. Tabet, *UPMC Univ Paris 6 (France)*

- P11 **COLLISIONAL ACTIVATION ION-MOLECULE REACTIONS ON PD(II) COMPLEX WITH ORGANIC LIGANDS UNDER ELECTROSPRAY IONIZATION MASS SPECTRAL CONDITIONS**
J. R. Thota, D. Lesage, Y. Gimbert, J.-C. Tabet, CNRS-UMR 7613, UPMC Univ Paris 6, Paris (France)
- P12 **DECAMERIC CATIONIZED URACIL COMPLEXES IN GAS PHASE. EXPERIMENTAL AND THEORETICAL STUDIES**
E.-L. Zins, D. Rondeau, C. Pepe, Université Pierre et Marie Curie, Paris (France)
- P13 **ROLE OF METAL COMPLEXES IN THE OXIDATION OF GUANINE-BASED NUCLEOSIDES: AN ESI-MS INVESTIGATION**
G. Guella, D. Ascenzi, I. Mancini, P. Tosi, University of Trento, Povo (Italy)
- P14 **MODELING AMPHETAMINE/RECEPTOR INTERACTIONS: A GAS-PHASE STUDY OF COMPLEXES FORMED BETWEEN AMPHETAMINE AND SOME CHIRAL AMIDO[4]RESORCIN-ARENES**
B. Botta, A. Tafi, F. Caporuscio, M. Botta, L. Nevola, I. D'Acquarica, C. Frascchetti, M. Speranza, "Sapienza-Università di Roma" (Italy)
- P15 **NON-COVALENT INTERACTIONS BETWEEN PEPTIDES FROM IMMUNOGLOBULIN AND MONO- AND DISACCHARIDES**
A. Roux; H. Perreault, A. Warnet, S. Alves, J.-C. Tabet, UPMC Paris Universitatis, Paris (France)
- P16 **COMPARISON OF LID VERSUS CID ACTIVATION MODES IN TANDEM MASS SPECTROMETRY OF PEPTIDES**
N. Shenar, N. Sommerer, J. Martinez, C. Enjalbal, CNRS-Universités Montpellier 1 et 2, Montpellier (France)
- P17 **GAS PHASE ZWITTERIONS IN PEPTIDE-PEPTIDE COMPLEXES**
S. Alves, L. Muller, A. Woods, J.-C. Tabet, CNRS, UPMC Univ Paris 6, Paris (France)
- P18 **DESORPTION/IONIZATION ON SELF-ASSEMBLED MONOLAYER SURFACE (DIAMS) EVALUATION OF A NEW MATRIX-FREE LASER DESORPTION/IONIZATION METHOD**
M. Bounichou, L. Sanguinet, K. Elouarzaki, O. Alévêque, M. Dias, E. Levillain, D. Rondeau, Université d'Angers (France)
- P19 **GOLD NANOSTRUCTURES FOR THE MALDI-ToF-MS DETECTION OF LOW MOLECULAR WEIGHT PEPTIDES**
L. Colaianni, N. Cioffi, C.D. Calvano, F. Palmisano, P.G. Zambonin, Università di Bari (Italy)
- P20 **GC/MS STEROL PROFILING IN RED BLOOD CELL MEMBRANES AND PLASMA OF NEWBORNS RECEIVING TOTAL PARENTERAL NUTRITION**
Pianese P., Nappi A., Salvia G., Campanozzi A., D'Apolito O., Gelzo M., Pettoello-Mantovani M., Corso G., Dello Russo A., Università di Napoli "Federico II" (Italy)

- P21 **DETERMINATION OF ALDEHYDES IN EXHALED BREATH OF PATIENTS WITH LUNG CANCER BY SPME-GC/MS**
D. Poli, M. Goldoni, A. Caglieri, M. Corradi, P. Carbognani, M. Rusca, O. Acampa, A. Mutti, *University of Parma (Italy)*
- P22 **LC-MS/MS QUANTITATION OF IRESSA, AN ANTICANCER DRUG IN DIFFERENT LUNG CANCER CELL LINES**
R. Andreoli, P. Manini, P. Mozzoni, M. Galetti, R. Alfieri, C. Fumarola, A. Cavazzoni, G. De Palma, PG. Petronini, A. Mutti, *University of Parma (Italy)*
- P23 **MEASUREMENT OF CORTISOL TO CORTISONE RATIO IN HUMAN URINE AND SALIVA BY LC-MS/MS**
B. Manzini, G. Parenti, G. Bartolucci, G. Danza, G. Moneti, G. Pieraccini, I. Leone, M. Serio, M. Mannelli, *Università degli Studi di Firenze (Italy)*
- P24 **FRAGMENTATION STUDY OF CAFFEINE AND ITS XANTHINE METABOLITES IN URINE SAMPLES BY LC-ESI-MS AND TANDEM MS/MS**
G. Bianco, S. Abate, C. Labella, T.R.I. Cataldi, *Università della Basilicata, Potenza (Italy)*
- P25 **ANALYSIS OF FURAN IN TOASTED COFFEE BY HS/SPME-GC-MS**
S. Fanara, P. Agozzino, G. Avellone, L. La Pera, G. Dugo, *Università di Palermo (Italy)*
- P26 **MASS SPECTROMETRY CHARACTERIZATION OF ORGANIC COMPOUNDS OF DIFFERENT *SALVIA* SPECIES**
L. Lucattini, E. Miraldi, G. Mastrobuoni, G. Moneti, G. Giorgi, *Università di Siena (Italy)*
- P27 **USE OF LC-MS FOR THE IDENTIFICATION OF BIOACTIVE NATURAL COMPOUNDS IN EXTRACTS FROM MEDICINAL PLANTS**
L. Debrauwer, K. Taoubi, R. Elias, *UMR 1089 Xénobiotiques Toulouse (France)*
- P28 **BIOLOGICALLY-ACTIVE COMPOUNDS IN CHAMOMILE INFUSIONS BY LC-MS/MS AND THEIR EFFECT ON MMPs IN GASTRIC INFLAMMATION**
O. Maschi, M. Dell'Agli, G.V. Galli, F. Giavarini, E. Bosisio, D. Caruso, *University of Milan (Italy)*
- P29 **HOMOISOFLAVONOIDS ANALYSIS IN DRACAENA DRACO FRUITS BY HPLC-DAD-ESI-MS**
L. Camarda, V. Di Stefano, R. Pitonzo, *Università di Palermo (Italy)*
- P30 **QUANTITATIVE ANALYSIS OF DIMETHYLARGININES IN HUMAN PLASMA BY A HYDROPHILIC LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY METHOD**
O. D'Apolito, G. Paglia, F. Tricarico, D. Garofalo, G. Corso, *University of Foggia (Italy)*

- P31 **INTERACTIONS LIQUID CHROMATOGRAPHY-ION TRAP-MS FOR QUANTIFY SHELLFISH TOXINS: HYDROPHILIC TO LIPOPHILIC**
F. Mondeguer, M. Sibat-Dubois, J.-C. Tabet, IFREMER, Nantes (France)
- P32 **DEVELOPMENT OF A HPLC-MS-MS METHOD FOR THE RAPID QUANTITATION OF PLANT HORMONES IN NICOTIANA PLANTS EXTRACTS**
G. Belli, B. Muscatello, S. Giannarelli, A. Raffaelli, Università di Pisa (Italy)
- P33 **IMPROVEMENT OF A LC-MS-MS METHOD FOR THE ANALYSIS OF ENDOCRINE-DISRUPTING COMPOUNDS IN WASTEWATERS**
C. Liscio, E. Magi, M. Di Carro, C. Scapolla, Università di Genova (Italy)
- P34 **HORSERADISH PEROXIDASE/H₂O₂ OLIGOMERIZATION OF 5,6-DIHYDROXINDOLE TO MELANINS, STUDIED BY ESI AND MALDI MASS SPECTROMETRY**
S. Reale, M. Crucianelli, M. D'Ischia, A. Napolitano, A. Pezzella, L. Panzella, F. De Angelis, University of L'Aquila (Italy)
- P35 **PROTEOMIC ANALYSIS OF MEMBRANE FROM HUMAN MELANOMA SAMPLES USING TWO DIMENSIONAL LIQUID CHROMATOGRAPHY COUPLED TO TANDEM MASS SPECTROMETRY (2D-LC-MS/MS)**
M. Fer, D. Di Silvestre, E. Rosti, P. Orecchia, C. Manzini, G. Pietra, C. Mingari, B. Carnemolla, P.L. Mauri, IBT-CNR, Segrate, Milan (Italy)
- P36 **PROTEOMICS ANALYSIS OF CONDITIONED MEDIA FROM NORMAL AND RCC PRIMARY CELL CULTURES BY MULTIDIMENSIONAL PROTEIN IDENTIFICATION TECHNOLOGY**
C. Chinello, V. Mainini, S. Bombelli, E. Gianazza, C. Galbusera, L. Invernizzi, B. Torsello, G. Galasso, E. Fasoli, C. Bianchi, F. Magni, University of Milano-Bicocca, Monza (Italy)
- P37 **SEARCHING FOR BIOMARKERS DISCOVERY IN THE MULTIPLE SCLEROSIS; A CEREBROSPINAL FLUID MALDI-TOF PROTEIN PROFILING STUDY**
E. Urso, M. Le Pera, S. Bossio, F. Bernaudo, A. Quattieri, ISN, CNR, Cosenza (Italy)
- P38 **MODERN MASS SPECTROMETRIC STRATEGIES IN "LIPIDOMICS"**
R. Frassanito, I. Mancini, M. Cantonati, G. Guella, University of Trento, Povo (TN, Italy)
- P39 **AN LC-MS/MS METHOD TO INVESTIGATE THE ROLE OF NEUROACTIVE STEROIDS IN A TRANSEGENIC RAT MODEL OF CMT1A**
S. Scurati, O. Maschi, F. Giavarini, R.C. Melcangi, D. Caruso, University of Milan (Italy)

- P40 **SPECIFIC DETECTION OF GLYCOPEPTIDES : A KEY STEP FOR THE CHARACTERIZATION OF THE GLYCOPROTEINS. THE EXAMPLE OF THE GLIDEOSOME FROM THE PARASITE *TOXOPLASMA GONDII***
A. Hovasse, A. Bednarczyk, S. Fauquenoy, W. Morelle, C. Slomianny, C. Schaeffer, A. Van Dorsselaer, S. Tomavo, *IPHCDISA, ULP, CNRS, Strasbourg (France)*
- P41 **NEW METHODOLOGY FOR MEMBRANE PROTEIN IDENTIFICATION**
C. Tokarski, M. Fillet, C. Rolando, *UMR CNRS, USTL, Villeneuve d'Ascq (France)*
- P42 **PIONEERING OFF-GEL METHODOLOGY FOR PROTEIN QUANTIFICATION USING A DUAL CHANNEL (Cy3, Cy5) LASER INDUCED FLUORESCENCE DETECTOR AND NANO-ESI-FT-ICR ECD-MS/MS**
C. Tokarski, C. Netter, J. Tahar, C. Rolando, *UMR CNRS, Villeneuve d'Ascq (France)*
- P43 **PLASMA PROTEOME CHANGES IN END STAGE RENAL DISEASE EVALUATED BY CLINPROT**
V. Mainini, G. Castoldi, C. Chinello, C. Galbusera, E. Gianazza, C. Bombardi, P. Mariani, G. Torti, A. Stella, F. Magni, M. Galli-Kienle, *Università degli Studi di Milano-Bicocca, Monza (Italy)*
- P44 **COMPARATIVE PROTEOMICS OF INVADOPODIA BY DIFFERENCE GEL ELECTROPHORESIS (DIGE)**
F. Attanasio, R. Buccione, *Consorzio Mario Negri Sud, Chieti (Italy)*
- P45 **INVESTIGATION OF THE α_{s1} -CASEIN SEQUENCE FROM DONKEY'S MILK BY MASS SPECTROMETRY**
E. Cairone, V. Cunsolo, S. Foti, V. Muccilli, R. Saletti, A. Criscione, D. Marletta, *Università di Catania (Italy)*
- P46 **COMPARISON OF AROMA COMPOUNDS FROM SIX ANCIENT SICILIAN APPLE CULTIVARS**
P. Agozzino, G. Avellone, L. Di Marco, S.G. Indelicato, F. Filizzola, *Università di Palermo (Italy)*
- P47 **THE EFFECT OF SOME AMINOACIDS ON THE OXIDATION OF LINOLEIC ACID: AN ESR AND ESI-MS STUDY**
A. Russo, M. Pantusa, E. Perri, G. Sindona, L. Sportelli, *C.R.A., Rende (Cs, Italy)*
- P48 **OLIVE FLY MANAGEMENT WITH ALLOWED FORMULATIONS IN ORGANIC AGRICULTURE: EVALUATION OF Al, Si AND Cu IN OILS BY ICP-MS**
C. Benincasa, C. Briccoli Bati, I. Muzzalupo, M. R. Parise, E. Perri, E. Romano, G. Sindona, M.R. Sposato, *CRA-OLI Rende (CS, Italy)*
- P49 **A FAST LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY METHOD COMBINED WITH LINEAR DISCRIMINANT ANALYSIS FOR THE CHARACTERIZATION OF EXTRA VIRGIN SICILIAN OLIVE OILS**
P. Agozzino, D. Bongiorno, L. Ceraulo, S. Indelicato, R. Li Calzi, *Università di Palermo (Italy)*

- P50 **REACTIVITY OF OLEOCANTHAL, AN OLIVE OIL
METABOLITE INHIBITING TAU PROTEIN FIBRILIZATION**
L. Margarucci, M. C. Monti, R. Riccio, A. Casapullo, *Università degli
Studi di Salerno, Fisciano (Italy)*
- P51 **HUMAN ALPHA-AMYLASE TETRAMERIC INHIBITORS
FROM EMMER (*TRITICUM DICOCCON* SCHRANK) SEEDS**
V. Cunsolo, V. Muccilli, R. Saletti, S. Foti, A. Capocchi, D. Fontanini, F.
Saviozzi, L. Galleschi, S. Fanara, *Università di Catania (Italy)*



2008 - DSM Awards

PREMIO DSM-SCI PER GIOVANI OPERANTI NEL CAMPO DELLA SPETTROMETRIA DI MASSA

La Divisione di Spettrometria di Massa della Società Chimica Italiana ha istituito a partire dall'anno 2000 il "**Premio DSM-SCI per giovani operanti nel campo della spettrometria di massa**" che conferisce a un giovane di età non superiore a 35 anni per il miglior lavoro a carattere sperimentale, tesi di laurea, dottorato di ricerca o articolo a stampa, avente come settore di riferimento la spettrometria di massa.

Vincitore per l'anno 2008 è la dottoressa

Valeria Cavatorta

per lo studio di proteine e peptidi in alimenti mediante un uso prominente della spettrometria di massa.

Vincitori delle precedenti edizioni:

2000: dr David Bongiorno

2001: dr.ssa Antonina Gucciardi

2002: dr.ssa Maria Pia Vitale

2003: dr.ssa Sara Rinalducci

2004: dr.ssa Ester Marotta

2005: dr.ssa Ingrid Zagnoni

2006: dr.ssa Vera Muccilli

2007: *ex-quo* dr.sse Francesca Attanasio, Maria Chiara Monti



PREMIO DSM-SCI PER L'ATTIVITÀ

La Divisione di Spettrometria di Massa della Società Chimica Italiana ha istituito a partire dall'anno 2002 il “**Premio per l'Attività**” che conferisce a personalità o gruppi di persone che nel corso della loro attività di lavoro, studio o ricerca abbiano contribuito alla crescita, promozione e diffusione della Spettrometria di Massa.

Vincitore per l'anno 2008 è il Prof.

Francesco De Angelis

quale solenne riconoscimento per il costante impegno profuso nella diffusione della spettrometria di massa in Italia e in particolare per la fondazione e la direzione del “Corso di Spettrometria di Massa per Dottorandi di Ricerca” di Pontignano (Siena).

Vincitori delle precedenti edizioni:

- 2002: C.I.S.M. Università di Firenze -Prof. Gloriano Moneti, Dr. Giuseppe Pieraccini
- 2003: Istituto di Ricerche Farmacologiche “Mario Negri” - Prof. Silvio Garattini
- 2004: Dr. Pietro Traldi, C.N.R. Padova
- 2005: Prof. Giorgio Giacomo Mellerio, Università di Pavia
- 2006: Prof. Gianluca Giorgi, Università di Siena
- 2007: Lab. Spettr. Massa CNR - Pisa – Dr. Sergio Pucci, Dr. Andrea Raffaelli



2008 - DSM Fellowships

BORSE DI MOBILITÀ DSM-SCI PER GIOVANI OPERANTI NEL CAMPO DELLA SPETTROMETRIA DI MASSA

La Divisione di Spettrometria di Massa della Società Chimica Italiana conferisce, a partire dall'anno 2007, borse di studio da fruire per periodi di mobilità breve per giovani operanti nel campo della spettrometria di massa interessati a svolgere un periodo di attività di ricerca presso laboratori di istituzioni italiane o straniere di riconosciuta esperienza nel campo della spettrometria di massa.

Vincitori per l'anno 2008 sono:

BORSA DSM-EUMED: **Elisa Giocaliere**

BORSA DSM-ITA: **Serena Indelicato**

Vincitori delle precedenti edizioni:

2007 Borsa DSM-EUMED: Rosa Pitonzo



1st Fr-IT - MASSA 2008 CONFERENCE
FELLOWSHIPS FOR YOUNG RESEARCHERS

The Division of Mass Spectrometry of the Italian Chemical Society awarded

20 fellowships

for young researchers, with no permanent position jobs engaged in scientific or educational activities at Universities or other Research Institutes, for attending the 1st FrIt - MASSA 2008 conference. The fellowships cover registration fee and accommodation.



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1st Fr-IT - MASSA 2008 CONFERENCE
FELLOWSHIPS FOR YOUNG RESEARCHERS

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2 fellowships

for young researchers for attending the 1st FrIt - MASSA 2008 conference.