Tables of contents of the volume

Vol. 44, No. 1

Databases on chemical agents available at Italian level
Edited by Roberto Binetti and Ida Marcello

Preface
Roberto Binetti, Ida Marcello and Claudio Di Benedetto

Lorenzo Tomatis and environmental cancer risk
Benedetto Terracini

Prevention, ethics and science: lessons from Lorenzo Tomatis
Giovanni A. Zapponi, Ida Marcello and Angelo Carere

Exponential growth of new chemicals and evolution of information relevant to risk control
Roberto Binetti, Francesca Marina Costamagna and Ida Marcello

The ISS National Inventory of Chemical Substances (INSC)
Roberto Binetti, Francesca Marina Costamagna, Federica Ceccarelli, Antonella D’Angiolini, Alessandra Fabri, Giovanni Riva, Susanna Satalia and Ida Marcello

The ISS Dangerous Substances Classification and Labelling Database
Paola Di Prospero Fanghella, Paolo Izzo and Eugenio Morassi

The ISS Carcinogens Data Bank (BDC)
Roberto Binetti, Federica Ceccarelli, Francesca Marina Costamagna, Antonella D’Angiolini, Alessandra Fabri, Maurizio Ferri, Giovanni Riva, Paolo Roazzi, Daniela Trucchi and Ida Marcello

MATline: a job-exposure matrix for carcinogenic chemicals
Luisella Gilardi, Umberto Falcone, Silvano Santoro and Elena Coffano

A novel approach: chemical relational databases, and the role of the ISSCAN database on assessing chemical carcinogenicity
Romualdo Benigni, Cecilia Bossa, Ann M. Richard and Chihae Yang

A new database for food safety: EDID (Endocrine disrupting chemicals - Diet Interaction Database)
Francesca Baldi and Alberto Mantovani

The ISS Sensitizing Agents Data Bank (BDS)
Barbara Brunetto, Roberto Binetti, Federica Ceccarelli, Francesca Marina Costamagna, Antonella D’Angiolini, Alessandra Fabri, Maurizio Ferri, Ida Marcello, Giovanni Riva, Paolo Roazzi, Daniela Trucchi and Raffaella Tinghino

The ISS Reclamation Data Bank
Loredana Musmeci, Mirella Bellino, Roberto Binetti, Federica Ceccarelli, Francesca Marina Costamagna, Antonella D’Angiolini, Alessandra Fabri, Fabrizio Falleni, Maurizio Ferri, Augusta Piccardi, Paolo Roazzi, Daniela Trucchi and Ida Marcello

Toxicological database of soil and derived products (BDT)
Vito Felice Uricchio
Section II

RESEARCH AND METHODOLOGIES

Cocaine consumption and death risk: a follow-up study on 347 cocaine addicts in the metropolitan area of Bologna

Raimondo Maria Pavarin

Cluster analysis of mortality and malformations in the Provinces of Naples and Caserta (Campania Region)

Lucia Fazzo, Stefano Belli, Fabrizio Minichilli, Francesco Mitis, Michele Santoro, Lucia Martinu, Renato Pizzuti, Pietro Comba, Marco Martuzzi, Fabrizio Bianchi and the Working Group

BOOK REVIEWS, NOTES AND COMMENTS

Edited by Federica Napolitani Cheyne

WHO PUBLICATIONS

Edited by Anna Maria Rossi

Vol. 44, No. 2

Section I

HELLODOC: A EUROPEAN EXPERIENCE ON TELE-REHABILITATION

Edited by Velio Macellari, Sandro Scattareggia Marchese and Claudia Giacomozzi

Preface

Velio Macellari, Sandro Scattareggia Marchese and Claudia Giacomozzi

Tele-rehabilitation: present and future

Mauro Zampolini, Elisabetta Todeschini, Montserrat Bernabeu Guitart, Hermie Hermens, Stephan Ilsbroukx, Velio Macellari, Riccardo Magni, Marco Rogante, Sandro Scattareggia Marchese, Miriam Vollenbroek and Claudia Giacomozzi

Technical assessment of the HELLODOC service

Sandro Scattareggia Marchese, Silvano Baratta, Pasquale Cingolati, Antonello Fadda, Claudia Giacomozzi, Velio Macellari, Riccardo Magni, Fabio Magnino, Eloy Opisso Salleras, Mariano Paolizzi and Marco Rogante

Tele-rehabilitation and e-learning: the HELLODOC educational experience

Claudia Giacomozzi, Giuseppe Campobello, Barbara Huijgens, Stephan Ilsbroukx, Velio Macellari, Riccardo Magni, Alessandro Ratti, Marco Rogante, Sandro Scattareggia Marchese, Maria Francesca Schifini, Jose Maria Termos and Daniele Cordella

Clinical assessment of the HELLODOC tele-rehabilitation service

Hermie Hermens, Barbara Huijgen, Claudia Giacomozzi, Stephan Ilsbroukx, Velio Macellari, Elisabet Prats, Marco Rogante, Maria Francesca Schifini, Maria Cristina Spitali, Sonia Tassies, Mauro Zampolini and Miriam Vollenbroek-Hutten

Section II

RESEARCH AND METHODOLOGIES

Clozapine or Haloperidol in rats prenatally exposed to methylazoxymethanol, a compound inducing entorhinal-hippocampal deficits, alter brain and blood neurotrophins’ concentrations

Marco Fiore, Veronica Di Fausto, Angela Iannitelli and Luigi Aloe
Electrospun bioresorbable trileaflet heart valve prosthesis for tissue engineering: in vitro functional assessment of a pulmonary cardiac valve design
Costantino Del Gaudio, Alessandra Bianco and Mauro Grigioni

The use of common swift (Apus apus), an aerial feeder bird, as a bioindicator of persistent organic microcontaminants
Roberto Miniero, Claudio Carere, Elena De Felip, Nicola Iacovella, Fabrizio Rodriguez, Enrico Alleva and Alessandro di Domenico

Guidelines for the detection of Trichinella larvae at the slaughterhouse in a quality assurance system
Patrizia Rossi and Edoardo Pozio

Guidelines for the identification and development of sampling methods and design of suitable protocols for monitoring of Trichinella infection in indicator species
Edoardo Pozio and Patrizia Rossi

BOOK REVIEWS, NOTES AND COMMENTS
Edited by Federica Napolitani Cheyne

Commentary

A CONTEMPORARY PATHOLOGY OF SCIENCE
Carlo Modonesi, Lorenzo Farina, Ignazio Licata, Roberto Germano, Joseph P. Zbilut and Alessandro Giuliani

Section I
Risk assessment elements for the management of contaminated sediments
Edited by Mario Carere, Stefania Marcheggiani, Roberto Miniero, Antonella Pilozzi and Laura Mancini

Preface
Mario Carere, Stefania Marcheggiani, Roberto Miniero, Antonella Pilozzi and Laura Mancini

Sediment monitoring and the European Water Framework Directive
Jos Brils

Risk management of sediments
Susanne Heise

The bioassay-based approach in sediment quality assessment
Renato Baudo

Assessment and management of contaminated sediments in Italian marine coastal waters
Mario Carere, Luciano Depropris, Enzo Funari, Loredana Musmeci and Fulvio Onorati

Application of environmental risk analysis at contaminated sites
Laura D’Aprile and Emiliano Scozza

Leaching tests: useful tools for the risk-assessment of contaminated sediments
Damiano Centoli, Rob NJ Comans, Stefania Gaudio, Chiara Galas and Maria Belli

Environmental background assessment: basic principles and practice
Nic Pacini

Microbiological indicators and sediment management
Laura Mancini, Sirona Rosemann, Camilla Puccinelli, Simone Ciadamidaro, Stefania Marcheggiani and Francesca Anna Aulicino
Section II

RESEARCH AND METHODOLOGIES
Enterobacter sakazakii: epidemiology, clinical presentation, prevention and control
Alfonsina Fiore, Maria Casale and Paolo Aureli 275

Maternal blood levels of persistent organic pollutants can be used to estimate in utero exposure
Annalisa Abballe, Maria Guarino, Franco Taggi, Maria Elsa Traina, Elisabetta Urbani,
Silvia Valentini and Elena de Felip 281

Transferability and determinants of antibiotic resistance in Salmonella strains isolated from animals
Cristina Romani, Aurora Aleo, Nathalie Pellissier, Alessandro Viganò and Mirella Pontello 292

Waste processing and health. A position document of the Italian Association of Epidemiology (AIE) - May 2008
Associazione Italiana di Epidemiologia 301

BOOK REVIEWS, NOTES AND COMMENTS
Edited by Federica Napolitani Cheyne 307

WHO PUBLICATIONS
Edited by Anna Maria Rossi 312

Vol. 44, No. 4

Section I / Sezione I

Commentary

RE-EMERGENCE OF CHIKUNGYA AND OTHER SCOURGES:
THE ROLE OF GLOBALIZATION AND CLIMATE CHANGE
Giovanni Rezza 315

Section I

Development, implementation and compliance monitoring of the principles of good laboratory practice
Edited by Sergio Caroli and Dian Turnheim 319

Preface
Sergio Caroli and Dian Turnheim 321

OECD Working Group on Good Laboratory Practice 322

THE POINT OF VIEW OF MONITORING AND REGULATORY AUTHORITIES
Current state of the implementation of the OECD GLP principles in the OECD member countries and non-member economies in light of the outcome of the 1998-2002 pilot project of mutual joint visits
Dian Turnheim 327
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quest for harmonisation: differences and similarities in national programmes for GLP monitoring. A senior inspector’s viewpoint</td>
<td>331</td>
</tr>
<tr>
<td>Future issues including broadening the scope of the GLP principles</td>
<td>335</td>
</tr>
<tr>
<td>OECD principles of GLP: what is working and what needs work</td>
<td>341</td>
</tr>
<tr>
<td>Implementation of the OECD principles of good laboratory practice in test facilities complying with a quality system accredited to the ISO/IEC 17025 standard</td>
<td>344</td>
</tr>
<tr>
<td>Critical aspects in implementing the OECD monograph No. 14</td>
<td>348</td>
</tr>
<tr>
<td>Relationship between receiving authorities and monitoring authorities. The EMEA experience</td>
<td>357</td>
</tr>
<tr>
<td>Collaboration between monitoring authorities, regulatory authorities and test facilities on GLP principles provides confidence in data quality with an emphasis on sound science. GLP: an example of a focused effort that paid off</td>
<td>359</td>
</tr>
<tr>
<td>National GLP programmes and implication of regulatory authorities for pharmaceuticals, pesticides and other chemicals</td>
<td>363</td>
</tr>
<tr>
<td>Good laboratory practice 30 years on: challenges for industry</td>
<td>369</td>
</tr>
<tr>
<td>Implementation of the OECD GLP principles at test facilities in Japan</td>
<td>374</td>
</tr>
<tr>
<td>Risk-based assessment applied to QA GLP audits. How to fulfill regulatory requirements while making the best use of our common sense, knowledge, talents and resources?</td>
<td>379</td>
</tr>
<tr>
<td>Critical aspects regarding the application of the GLP principles to new compounds such as biotechnology products</td>
<td>385</td>
</tr>
<tr>
<td>International GLP: a critical reflection on the harmonized global GLP standard from a test facility viewpoint</td>
<td>390</td>
</tr>
<tr>
<td>Differences in the interpretation of the GLP requirements by OECD monitoring authorities: the point of view from the pharmaceutical industry</td>
<td>395</td>
</tr>
<tr>
<td>OECD and USA GLP applications</td>
<td>403</td>
</tr>
<tr>
<td>Responsibilities of test facility management and sponsor in a GLP environment</td>
<td>407</td>
</tr>
<tr>
<td>Developments in consultancy and training in the GLP arena: 1980 to 2020. A personal view</td>
<td>409</td>
</tr>
</tbody>
</table>
Section II

Book Reviews, Notes and Comments
Edited by Federica Napolitani Cheyne

WHO Publications
Edited by Anna Maria Rossi

Indexes of the Volume
Author index
Tables of contents of the volume