TABLES OF CONTENTS

Vol. 51, No. 1 2015

LETTER

1 Virtual reality environments for healthcare professional education Nakul Saxena

EDITORIAL

3 The "Code of Ethics of the Italian National Institute of Health" Carlo Petrini and Gualtiero Ricciardi

ORIGINAL ARTICLES AND REVIEWS

- **5** NGF and therapeutic prospective: what have we learned from the NGF transgenic models? *Luigi Aloe and Maria Luisa Rocco*
- 11 A quality assessment of systematic reviews on telerehabilitation: what does the evidence tell us? Marco Rogante, Dahlia Kairy, Claudia Giacomozzi and Mauro Grigioni
- 19 Ethyl glucuronide in vitreous humor and blood postmortem specimens: analysis by liquid chromatography-electrospray tandem mass spectrometry and interpreting results of neo-formation of ethanol Sara Vezzoli. Marzia Bernini and Francesco De Ferrari
- 28 Incense, sparklers and cigarettes are significant contributors to indoor benzene and particle levels Werner Tirler and Gaetano Settimo
- **34** Information retrieval for the Cochrane systematic reviews: the case of breast cancer surgery Gaetana Cognetti, Laura Grossi, Antonio Lucon and Renata Solimini
- **40** The role of associative and non-associative learning in the training of horses and implications for the welfare (a review) *Paolo Baragli, Barbara Padalino and Angelo Telatin*
- **52** Pathologic diagnosis of malignant mesothelioma: chronological prospect and advent of recommendations and guidelines *Valeria Ascoli*

BRIEF NOTES

60 Foodborne botulism associated with home-preserved turnip tops in Italy

Fabrizio Anniballi, Elisa Chironna, Sara Astegiano, Alfonsina Fiore, Bruna Auricchio, Giuseppina Buonincontro, Maria Corvonato, Vincenzo Segala, Giuseppina Mandarino, Dario De Medici and Lucia Decastelli

62 A study on prophagic and chromosomal sodC genes involvement in Escherichia coli O157:H7 biofilm formation and biofilm resistance to H₂O₂

Raffaella Scotti, Laura Nicolini, Annarita Stringaro and Roberta Gabbianelli

67 Preliminary investigation on tick fauna in the neighborhood of Tarquinia, Lazio, Italy Luciano Toma, Cristina Khoury, Riccardo Bianchi, Francesco Severini, Fabiola Mancini, Alessandra Ciervo, Daniele Ricci, Anna Maria Fausto, Elisa Quarchioni and Marco Di Luca

71 Barriers in the management of cancer-related pain and strategies to overcome them: findings of a qualitative research involving physicians and nurses in Italy

Cesarina Prandi, Lorenza Garrino, Paola Mastromarino, Francesco Torino, Ercole Vellone, Carlo Peruselli and Rosaria Alvaro

79 The perception of the fetus in mothers with liver transplantation. Brief communication.

Alessandra Ambrosini, Erica Maria Paddeu, Gianpaolo Donzelli and Giovanni Stanghellini

83 Book Reviews, Notes and Comments

Edited by Federica Napolitani Cheyne

86 Publications from International Organizations on Public Health

Edited by Anna Maria Rossi

EDITORIAL

89 Medicine and philosophy: back to the antiquity Mario De Caro

COMMENTARY

90 Prevention of disease caused by fluoro-edenite fibrous amphibole: the way forward Caterina Bruno, Biagio Bruni, Salvatore Scondotto and Pietro Comba

MONOGRAPHIC SECTION

The "Sportello Salute Giovani" project: habits, lifestyles, risk behaviours of Italian university students and future perspectives

Edited by Maria Luisa Di Pietro, Rocco Bellantone, Roberta Pacifici and Walter Ricciardi

93 Preface

Maria Luisa Di Pietro, Rocco Bellantone, Roberta Pacifici and Walter Ricciardi

96 Study population, questionnaire, data management and sample description

Chiara de Waure, Andrea Poscia, Andrea Virdis, Maria Luisa Di Pietro and Walter Ricciardi

99 Nutritional habits in Italian university students

Adele Anna Teleman, Chiara de Waure, Valentina Soffiani, Andrea Poscia and Maria Luisa Di Pietro

106 Physical activity and health promotion in Italian university students

Adele Anna Teleman, Chiara de Waure, Valentina Soffiani, Andrea Poscia and Maria Luisa Di Pietro

111 Risky behaviours among university students in Italy

Andrea Poscia, Paolo Parente, Emanuela Maria Frisicale, Adele Anna Teleman, Chiara de Waure and Maria Luisa Di Pietro

116 Sexual behaviours and preconception health in Italian university students

Andrea Poscia, Daniele Ignazio La Milia, Franziska Lohmeyer, Adele Anna Teleman, Chiara de Waure and Walter Ricciardi

121 Italian university students' self-perceived health and satisfaction of life

Chiara de Waure, Valentina Soffiani, Andrea Virdis, Andrea Poscia and Maria Luisa Di Pietro

126 Study habits and technology use in Italian university students

Andrea Poscia, Emanuela Maria Frisicale, Paolo Parente, Daniele Ignazio La Milia, Chiara de Waure and Maria Luisa Di Pietro

ORIGINAL ARTICLES AND REVIEWS

131 Appropriateness of clinical and organizational criteria for intra-articular injection therapies in osteoarthritis. A Delphi method consensus initiative among experts in Italy

Marco Paoloni, Andrea Bernetti, Alberto Belelli, Ovidio Brignoli, Sandro Buoso, Achille Patrizio Caputi, Fabio Catani, Daniela Coclite, Massimo Fini, Lorenzo Mantovani, Alberto Migliore, Antonello Napoletano, Ugo Viora and Valter Santilli

139 Migratory behaviour of tumour cells: a scanning electron microscopy study

Giuseppina Bozzuto, Maria Condello and Agnese Molinari

148 Prevalence of major cardiovascular risk factors among oil and gas and energy company workers

Alice Mannocci, Stefano Pignalosa, Rosella Saulle, Sabina Sernia, Sabatino De Sanctis, Massimo Consentino, Cesare Gialdi, Vincenzo Nicosi, and Giuseppe La Torre

154 Assessment of lifestyle and eating habits among undergraduate students in northern Italy

Silvia Lupi, Francesco Bagordo, Armando Stefanati, Tiziana Grassi, Lucia Piccinni, Mauro Bergamini and Antonella De Donno

162 Cesarean section on maternal request: should it be formally prohibited in Italy?

Ugo Indraccolo, Gennaro Scutiero, Maria Matteo, Salvatore Renato Indraccolo and Pantaleo Greco

Brief Notes

167 Biomarkers of effect in endocrine disruption: how to link a functional assay to an adverse outcome pathway *Stefano Lorenzetti, Daniele Marcoccia and Alberto Mantovani*

172 Book Reviews, Notes and Comments

Edited by Federica Napolitani Cheyne

174 Publications from International Organizations on Public Health

Edited by Anna Maria Rossi

COMMENTARIES

177 Funding medical education: should we follow a different model to general higher education? Kieran Walsh

180 Environmental health literacy within the Italian Asbestos Project: experience in Italy and Latin American contexts Daniela Marsili, Pietro Comba and Paola De Castro

MONOGRAPHIC SECTION

Improving prevention and care of diabetes

Edited by Marina Maggini

183 Preface

Diabetes: a case study on strengthening health care for people with chronic diseases

Marina Maggini, Flavia Lombardo, Bruno Caffari, Angela Giusti, Andrea Icks, Jaana Lindström, Ulrike Rothe, Monica Sørensen and Jelka Zaletel, on behalf of the Joint Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle (IA-CHRODIS)

187 Quality indicators for diabetes prevention programs in health care targeted at people at high risk Jaana Lindström, Katja Wikström, Marina Maggini, Andrea Icks, Silke Kuske, Ulrike Rothe, Monica Sørensen and Jelka Zaletel, on behalf of the Joint Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle (JA-CHRODIS)
192 Health promotion interventions in type 2 diabetes

Monica Sørensen, Henny-Kristine Korsmo-Haugen, Marina Maggini, Silke Kuske, Andrea Icks, Ulrike Rothe, Jaana Lindström and Jelka Zaletel on behalf of the Joint Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle (JA-CHRODIS)

199 Education and health professionals training programs for people with type 2 diabetes: a review of quality criteria Silke Kuske, Andrea Icks, Jelka Zaletel, Ulrike Rothe, Jaana Lindström, Monica Sørensen and Marina Maggini, on behalf of the Joint Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle (JA-CHRODIS)

206 National Diabetes Plans: can they support changes in health care systems to strengthen diabetes prevention and care? Jelka Zaletel, Milivoj Piletic, Jaana Lindström, Andrea Icks, Ulrike Rothe, Monica Sørensen and Marina Maggini, on behalf of the Joint Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle (JA-CHRODIS)

ORIGINAL ARTICLES AND REVIEWS

209 Cancer burden trends in Umbria region using a joinpoint regression

Giuseppe Michele Masanotti, Francesca Cioccoloni, Fabrizio Stracci, Fortunato Bianconi, Emilio Duca and Francesco La Rosa

217 The influence of patients' complexity and general practitioners' characteristics on referrals to outpatient health services in an Italian region

Francesca Valent, Laura Deroma, Antonella Franzo, Michele Gobbato, Giorgio Simon, Luigi Canciani and Loris Zanier

224 Recent entomological enquiry on mosquito fauna in Circeo National Park

Claudio De Liberato, Adele Magliano, Flavia Farina and Luciano Toma

229 Mechanical qualification of collagen membranes used in dentistry

Emanuela Ortolani, Fabrizio Quadrini, Denise Bellisario, Loredana Santo, Antonella Polimeni and Anna Santarsiero

236 Antihypertensive drug use during pregnancy: a population based study

Carmen D'Amore, Francesco Trotta, Roberto Da Cas, Carlo Zocchetti, Alfredo Cocci and Giuseppe Traversa

BRIEF NOTES

244 An ethics for the living world: operation methods of Animal Ethics Committees in Italy
Mariano Martini, Susanna Penco, Ilaria Baldelli, Bartolomeo Biolatti and Rosagemma Ciliberti
48 Human papilloma virus (HPV) genotypes prevalence in a Region of South Italy (Apulia)

Maria Franca Coscia, Rosa Monno, Andrea Ballini, Rosanna Mirgaldi, Gianna Dipalma, Francesco Pettini, Vincenzo Cristallo, Francesco Inchingolo, Caterina Foti and Danila de Vito

252 Book Reviews, Notes and Comments

Edited by Federica Napolitani Cheyne

255 Publications from International Organizations on Public Health

Edited by Anna Maria Rossi

EDITORIAL

259 On the oligopoly of academic publishers Carlo Petrini and Enrico Alleva

COMMENTARIES

261 The Italian Dementia National Plan

Teresa Di Fiandra, Marco Canevelli, Alessandra Di Pucchio, Nicola Vanacore and the Dementia National Plan-Italian Working Group

265 Medicine saved ethics. Has ethics harmed medicine?

Carlo Petrini and Enrico Alleva

267 EU guidelines for the care and welfare of an "exceptional invertebrate class" in scientific research

Alessandra Berry, Augusto Vitale, Claudio Carere and Enrico Alleva

ORIGINAL ARTICLES AND REVIEWS

270 Ethical issues in public health surveillance: drawing inspiration from ethical frameworks

Carlo Petrini and Gualtiero Ricciardi

277 Nurses reporting of suspect Adverse Drug Reactions: a mixed-methods study

Alessia De Angelis, Angela Giusti, Sofia Colaceci, Ercole Vellone and Rosaria Alvaro

284 Characterization of spotted fever group Rickettsiae in ticks from a city park of Rome, Italy

Fabiola Mancini, Massimo Ciccozzi, Alessandra Lo Presti, Eleonora Cella, Marta Giovanetti, Marco Di Luca, Luciano Toma,

Riccardo Bianchi, Cristina Khoury, Giovanni Rezza and Alessandra Ciervo

291 A population-based study of the years of life lost in the Friuli Venezia Giulia region, Italy

Francesca Valent and Loris Zanier

298 Atmospheric depositions of persistent pollutants: methodological aspects and values from case studies

Gaetano Settimo and Giuseppe Viviano

305 Incidence estimates of hand and upper extremity injuries in Italy

Marco Giustini, Anna de Leo, Andrea Leti Acciaro, Giorgio Pajardi, Carlo Mamo, Fabio Voller, Francesco Fadda, Gianni Fondi and Alessio Pitidis

313 A desk review on Institutional and non-Institutional organizations active in the field of migrant's health in the WHO European Region

Loredana Ingrosso, Tanja Schmidt, Jamila Sherally, Matteo Dembech,

Sara Barragan Montes, Rita Sa Machado, Giuseppe Annunziata, Giovanni Rezza

and Santino Severoni

321 Building up a collaborative network for the surveillance of HIV genetic diversity

in Italy. A pilot study

Nunzia Sanarico, Stefania D'Amato, Orietta Picconi, Barbara Ensoli, Stefano Buttò and the Italian Network for HIV Characterization 327 A cost-consequence analysis of hepatitis B screening in an immigrant population

Alessandra Buja, Diego Martines, Salvatore Lobello, Angela Vinelli, Giorgia Bardelle, Stefania Lopatriello, Franca De Lazzari, Lionel Perrier and Vincenzo Baldo

336 Community exposure to asbestos in Casale Monferrato: from research on psychological impact to a community needscentered healthcare organization

Antonella Granieri

342 Exploring the usability of EUCERD core indicators for rare diseases

Rita Maria Ferrelli, Marta De Santis, Amalia Egle Gentile and Domenica Taruscio

346 Burden of pediatrics hospitalizations associated with Rotavirus gastroenteritis in Lombardy (Northern Italy) before immunization program

Pellegrinelli Laura, Bubba Laura, Primache Valeria, Chiaramonte Iacopo, Ruggeri Franco Maria, Fiore Lucia and Binda Sandro

352 "Do you agree with the doctor's decision to continue treatment?" A scenario-based study of hospital nurses in Italy Francesca Ingravallo, Sara Sandroni, Laura D'Addio and Guido Miccinesi

358 Gambling, games of skill and human ecology: a pilot study by a multidimensional analysis approach

Luca Valera, Alessandro Giuliani, Alessio Gizzi, Francesco Tartaglia and Vittoradolfo Tambone

366 Twenty years of surveillance of Invasive Meningococcal Diseases in Puglia, Italy

Paola Stefanelli, Cecilia Fazio, Arianna Neri, Anna Di Taranto, Maria Labonia, Anna Lisa De Robertis, Daniela Loconsole, Domenico Martinelli and Maria Chironna

371 Dietary habits among children aged 8-9 years in Italy

Laura Lauria, Angela Spinelli, Giulia Cairella, Laura Censi, Paola Nardone, Marta Buoncristiano and 2012 Group OKkio alla Salute 382 TNF-α and IL-10 modulation induced by polyphenols extracted by olive pomace in a mouse model of paw inflammation Valentina Carito, Stefania Ciafrè, Luigi Tarani, Mauro Ceccanti, Fausta Natella, Angela Iannitelli, Paola Tirassa,

George N. Chaldakov, Marco Ceccanti, Chiara Boccardo and Marco Fiore

Brief Notes

387 Screening eye diseases in babies: an Italian experience on 5000 healthy, consecutive newborns Roberto Perilli, Modesto Lanci, Antonino Romanzo, Laura Sabatini and Paola Fusilli

Vol. 51, No. 4 2015

390 Book Reviews, Notes and Comments

Edited by Federica Napolitani Cheyne

394 Publications from International Organizations on Public Health

Edited by Anna Maria Rossi

INDEXES OF THE VOLUME

397 Author index

398 Tables of contents