Contents

Commentary

171 The Convention on Human Rights and Biomedicine twenty years later: a look at the past and a step towards the future
Carlo Petrini and Walter Ricciardi

174 Big Data. A briefing
Virginia Todde and Alessandro Giuliani

Original Articles and Reviews

176 Proof of nicotine transfer to rat pups through maternal breast feeding to evaluate the neurobehavorial consequences of nicotine exposure
Marco Famele, Rosanna Mancinelli, Carolina Ferranti, Francesca Zoratto, Felia Thomas, Emilia Romano, Giovanni Laviola, Walter Adriani and Rosa Draisce

185 The effect of the burden of caregiving for people with spinal cord injury (SCI): a cross-sectional study
Patrizia Maitan, Simona Frigerio, Alessio Conti, Marco Clari, Ercole Vellone and Rosaria Alvaro

194 Pain prevalence, severity, assessment and management in hospitalized adult patients: a result of a multicenter cross sectional study
Vincenzo Damico, Liana Murano, Flavio Cazzaniga and Alberto Dal Molin

201 Relationship between anatomical sites and severity of the lesions and use of alcohol and psychotropic substances in traumatized drivers admitted to the Emergency Department of Padua, Italy
Foscarina Della Rocca, Miranda Zoleo, Francesca Pignatiello, Fabia De Lazzari, Anna Chiara Frigo, Gianna Vettore, Donata Favretto and Rossella Snenghi

208 Medicine use and recurrent complaints among 15-years-old adolescents in Tuscany
Claudia Maria Trombetta, Ilaria Manini, Andrea Pammolli, Stefania Rossi, Teresa Pozzi, Emanuele Montomoli and Giacomo Lazzeri
Assessment of health literacy skills in family doctors’ patients by two brief, self-administered Italian measures
Luigi Roberto Biasio, Chiara Lorini, Giovanni Abbattista, Elena Bozzola, Paola De Castro, Maurella Della Seta, Alberto Villani and Guglielmo Bonaccorsi

MONOGRAPHIC SECTION

Epidemiology, surveillance and population screening of frailty. Results from the systematic reviews of the European Joint Action ADVANTAGE
Edit by Lucia Galluzzo and Rónán O’Caoimh

Preface
Lucia Galluzzo and Rónán O’Caoimh

Prevalence of frailty at population level in European ADVANTAGE Joint Action Member States: a systematic review and meta-analysis
Rónán O’Caoimh, Lucia Galluzzo, Ángel Rodríguez-Laso, Johan Van der Heyden, Anette Hylen Ranhoff, Maria Lamprini-Koula, Marius Ciutan, Luz López-Samaniego, Laure Carcaillon-Bentata, Siobhán Kennelly, Aaron Liew on behalf of Work Package 5 of the Joint Action ADVANTAGE

Incidence of frailty: a systematic review of scientific literature from a public health perspective
Lucia Galluzzo, Rónán O’Caoimh, Ángel Rodríguez-Laso, Nathalie Beltzer, Anette Hylen Ranhoff, Johan Van der Heyden, Maria Lamprini-Koula, Marius Ciutan, Luz López-Samaniego, Aaron Liew on behalf of Work Package 5 of the Joint Action ADVANTAGE

Transitions and trajectories in frailty states over time: a systematic review of the ADVANTAGE Joint Action
Rónán O’Caoimh, Lucia Galluzzo, Ángel Rodríguez-Laso, Johan Van der Heyden, Anette Hylen Ranhoff, Laure Carcaillon-Bentata, Nathalie Beltzer, Siobhán Kennelly, Aaron Liew on behalf of Work Package 5 of the Joint Action ADVANTAGE

Population screening, monitoring and surveillance for frailty: three systematic reviews and a grey literature review
Ángel Rodríguez-Laso, Rónán O’Caoimh, Lucia Galluzzo, Laure Carcaillon-Bentata, Nathalie Beltzer, Jurate Macijauskienë, Olatz Albaina Bacaicoa, Marius Ciutan, Anne Hendry, Luz López Samaniego, Aaron Liew on behalf of Work Package 5 of the Joint Action ADVANTAGE

Book reviews, notes and comments
Edited by Federica Napolitani Cheyne

Publications from International Organizations on Public Health
Edited by Anna Maria Rossi