

ANNALI

dell'Istituto Superiore di Sanità

A SCIENCE JOURNAL FOR PUBLIC HEALTH

Publication

Annali dell'Istituto Superiore di Sanità is published quarterly and in special issues.
Freely available online at www.iss.it/annali - <https://annali.iss.it>

Annali dell'Istituto Superiore di Sanità is indexed in

- CAB
- CHEMABS
- EMBASE/Excerpta Medica
- FSTA
- MEDLINE
- SCOPUS
- WEB OF SCIENCE

The Journal Impact Factor is 1.370

Annali Editorial Office

Scientific Communication Service
Istituto Superiore di Sanità
Viale Regina Elena 299, 00161 Rome, Italy
Tel.: +39 06 49902945 Fax: +39 06 49902253
E-mail: annali@iss.it
www.iss.it/annali - <https://annali.iss.it>

Papers to be presented for publication should be submitted online
to <https://annali.iss.it>

Instructions to Authors are available online at <https://annali.iss.it>

Publishing support

Il Pensiero Scientifico Editore, Rome
Via San Giovanni Valdarno 8, 00138 Rome, Italy
www.pensiero.it

Subscription information & terms

Il Pensiero Scientifico Editore
Tel.: +39 06 86282324 Fax: 06 86282250
E-mail: abbonamenti@pensiero.it

Year 2021

Italy individual subscription € 57,00 | Italy institutional subscription € 67,00.

Other countries € 67,00

Each quarterly issue € 21,00

Responsibility for the contents and opinions expressed on this journal
rests solely with the Author(s).

ISSN 0021-2571 (print), 2384-8553 (online)

Coden: AISSAW 56 (No. 4)

©Istituto Superiore di Sanità 2021.

Some rights reserved.



Reg. Stampa - Tribunale di Roma, n. 482 del 29 ottobre 1985 (cartaceo); n. 121 del 16 maggio 2014 (online)



Printed in March 2021 by Ti Printing s.r.l.
Via Case Rosse 23, 00131 Rome, Italy

ANNALI

dell'Istituto Superiore di Sanità
A SCIENCE JOURNAL FOR PUBLIC HEALTH

President of the Istituto Superiore di Sanità

Silvio Brusaferrò

Responsible Director

Paola De Castro

Editor-in-chief

Enrico Alleva

Istituto Superiore di Sanità

Assistant Editor

Federica Napolitani Cheyne

Istituto Superiore di Sanità

Scientific Committee

Enrico Alleva, Luca Busani, Pietro Comba, Paola De Castro, Paola Fattibene,
Alessandro Giuliani, Carlo Petrini, Giovanni Rezza, Emanuele Scafato, Marina Torre
Istituto Superiore di Sanità

Editorial Office

Annarita Barbaro, Maria Cristina Barbaro, Alessandra Fuglieni, Federica Napolitani Cheyne,
Laura Radiciotti
Istituto Superiore di Sanità

OJS Site Administrator

Daniele Cordella

Istituto Superiore di Sanità

Editorial Advisory Board

Chris Beyrer

Johns Hopkins Bloomberg School of Public Health, Baltimore, USA

Jacqueline N. Crawley

Laboratory of Behavioral Neuroscience, NIMH, NIH, Bethesda, USA

Juana Martín de las Mulas González-Albo

Dpto de Anatomía y Anatomía Patológica Comparada, Facultad de Veterinaria, UCO, Córdoba, Spain

Jean-François Delfraissy

Agence Nationale de Recherches sur le sida et les hépatites virales, Paris, France

Tony Fletcher

London School of Hygiene & Tropical Medicine, London, UK

Sui Huang

Institute for Systems Biology, Seattle, USA

Stefania Maggi

CNR Aging Branch Institute of Neuroscience, Padova, Italy

Francesco M. Marincola

Infectious Disease and Immunogenetics Section, NIH, Bethesda, USA

Ana Marušić

Dept of Research in Biomedicine and Health, University of Split School of Medicine, Croatia

Patrick Smeesters

Université Catholique de Louvain, Louvain-La-Neuve, Belgium

Kurt Straif

ISGlobal, Barcelona and Visiting Professor at Boston College

David Vlahov

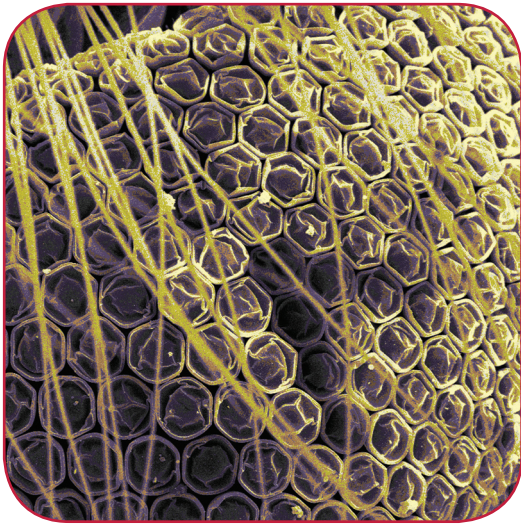
School of Nursing, University of California, San Francisco, CA, USA

Bernard Zalc (Boris)

Centre de Recherche de l'Institut du Cerveau et de la Moelle épinière, UPMC, Paris, France

Graphic design of the cover: Massimo Delle Femmine, Istituto Superiore di Sanità

The photograph on the cover is scanning electron microscope image of detail of the eye male asian tiger mosquito provided by Marisa Colone, CNRVF, Istituto Superiore di Sanità, Italy



ANNALI

dell'Istituto Superiore di Sanità

Vol. 57, No. 1 2021

Contents

ORIGINAL ARTICLES AND REVIEWS

- 1 COVID-19 and digital competencies among young physicians: are we (really) ready for the new era? A national survey of the Italian Young Medical Doctors Association
Calogero Casà, Claudia Marotta, Marcello Di Pumpo, Armando Cozzolino, Andrea D'Aviero, Emanuela Maria Frisicale, Andrea Silenzi, Francesco Gabbrielli, Luigi Bertinato and Silvio Brusaferrò
- 1 The cost of caring during recent epidemics: a rapid review of risk factors, psychological manifestations, and strategies for its treatment
Maria Ferrara, Melissa C. Funaro, Francesca Vacca, Federica Kusmann, Enrico Tedeschini, Gian Maria Galeazzi, Maria Luisa Scattoni and Fabrizio Starace
- 1 Intangible benefits of clinical trials: a survey on a hospital research community
Emanuele Calvario
- 1 Rubella immunity status and the active offer of MMR/MMRV vaccination during pregnancy
Silvano Piffer, Mariangela Pedron, Michela Dal Martello, Patrizio Caciagli, Paolo Lanzafame, Mario Saugo and Antonio Ferro
- 1 First evidence of blaNDM-1 and blaOXA-23 carbapenemase genes in human body lice infesting a second-hand T-shirt in a street market in Italy
Fabiola Mancini, Laura Villa, Michela Menegon, Marco Di Luca, Luciano Toma, Claudio De Liberato, Adele Magliano, Federico Romiti, Alessandra Carattoli and Alessandra Ciervo

MONOGRAPHIC SECTION

New perspectives in perinatal mental health models: facing challenge for Italian health services

Edited by Gabriella Palumbo, Laura Camoni and Antonella Gigantesco

- 1 Preface
Louise M. Howard, Andrea Fiorillo and Fabrizio Starace
- 1 An Australian perspective on treating perinatal depression and anxiety: a brief review of efficacy and evidence-based practice in screening, psychosocial assessment and management
Yafit Hirshler, Alan W Gemmill and Jeannette Milgrom
- 1 Feasibility and effectiveness of the Australian perinatal mental health approach in the Italian health services: progress and challenges
Laura Camoni, Fiorino Mirabella, Liliana La Sala, Giovanna Romano, Gina Barbano, Marina Cattaneo, Loredana Cena, Paolo Michielin, Valentina Ialenti, Franco Velto, Isabella Cascavilla, Debora Del Re, Gabriella Palumbo and Antonella Gigantesco
- 1 Completed suicide during pregnancy and postpartum
Monica Vichi, Isabella Berardelli and Maurizio Pompili
- 1 A structured program for perinatal depression and anxiety to be adopted in the emergencies
Laura Camoni, Sonia Brescianini, Fiorino Mirabella, Gemma Calamandrei, Gina Barbano, Marina Cattaneo, Debora Del Re, Paolo Michielin, Gabriella Palumbo and Antonella Gigantesco

MONOGRAPHIC SECTION

Quality of care for people with chronic diseases: engaged in collaboration, achieving results
Edited by Marina Maggini, Bruno Caffari and Jelka Zaletel

- 1 Preface
Marina Maggini, Bruno Caffari and Jelka Zaletel
- 1 Redesigning diabetes care delivery in Serbia, using JA CHRODIS. Recommendations and criteria
Nebojsa M. Lalic, Jelena Stanarcic Gajovic, Milica Stoiljkovic, Ivana Rakocevic, Aleksandra Jotic, Marina Maggini, Jelka Zaletel, Katarina Lalic, Tanja Milicic, Ljiljana Lukic, Marija Macesic and Vesna Bjegovic-Mikanovic
- 1 Development of a model of integration for complex chronic conditions across levels of healthcare and the community in Novo mesto, Slovenia
Denis Oprešnik, Milivoj Piletič, Mila Mršič, Sabina Klemencič and Ljubinka Počrvina
- 1 Croatian diabetes registry (CroDiab) and implementation of standardised diabetes checklist using Joint Action CHRODIS Recommendations and Criteria
Tamara Poljicanin, Valerija Bralic Lang, Zrinka Mach and Marija Svajda
- 1 Culturally sensitive lifestyle intervention to prevent type 2 diabetes among Somalis in Finland: a pilot study using JA CHRODIS Recommendations and Criteria
Katja Wikström, Idil Hussein, Eeva Virtanen, Maliheh Nekouei Marvi Langari, Elina Mattila and Jaana Lindström
- 1 **Book Reviews, Notes and Comments**
Edited by Federica Napolitani Cheyne
- 1 **Publications from International Organizations on Public Health**
Edited by Annarita Barbaro