HEALTH DOC

ECDL HealthDoc:
the first European Computer Driving License for scientific documentation

Elisabetta Poltronieri, Istituto Superiore di Sanità, Rome (Italy)
Gaetana Cognetti, Istituto Regina Elena per lo studio e la cura dei tumori, Rome (Italy)
on behalf of the ECDL HealthDoc Working Group *

ENDORSED BY ECDL Foundation

*ECDL HealthDoc Working Group
Giuse Ardita,Library,ISS (Italian National Institute of Health), Rome
Paola De Castro, Publishing Activities, ISS (Italian National Institute of Health), Rome
Rosalia Ferrara, Library, ISS (Italian National Institute of Health), Rome
Paolo Gardois, Library Department of Pediatrics and Adolescent, University of Turin
Gaetano Grillo, Library "A. Rosmini", Città della Salute e della Scienza, Turin Hospital, Turin
PierPaolo Maggi, AICA (Italian Association for Informatics and Automatic Calculation), Milan
Saba Motta, Scientific Library, IRCCS Foundation "Carlo Besta" Neurological Institute, Milan
Renata Solimini, Department of Therapeutic Research and Medicines Evaluation, Italian
National Institute of Health, Rome

Coordinators:
Gaetana Cognetti
Digital Library "R. Maceratini " and Patient Library,Regina Elena
National Cancer Institute, Rome, Italy, President of the Association
of Health Librarians Documentalists (BDS)
Elisabetta Poltronieri
Publishing Activities, National Institute of Health, Rome

1
Information sources in the health field

Introduction to information sources
Information search in the Internet
Methodology to search databases
Semantic tools (thesaurus etc.)

2
Retrieving the original document and accessing full-text information

OPACs and DDL
Open access

3
Quality of health information on the web

Quality criteria of health websites

The European Computer Driving License (ECDL) Foundation releases a series of licenses certifying basic competencies related to the use of information technology. Documentation skills are essential for managing knowledge in all domains. In particular, in the biomedical field, scientific documentation is vital to ensure the appropriate delivery of health care. Good–quality information guarantees the validity of health treatments and should be considered an essential part of the curriculum of health professionals.

ECDL HealthDoc <http://www.aicanet.it/health–doc> was promoted in 2014 by AICA (Italian Association for Informatics and Automatic Computing) in collaboration with the Association of Health Librarians Documentalists (BDS).The project was developed by a Working Group of medical and scientific information professionals affiliated with various Italian research institutions in the field of public health: librarians, documentalists, editors and publishers in the scientific area.
The Working Group produced a syllabus listing the basic competencies required to properly manage biomedical information retrieval and use. The modular structure of the syllabus has been conceived to verify critic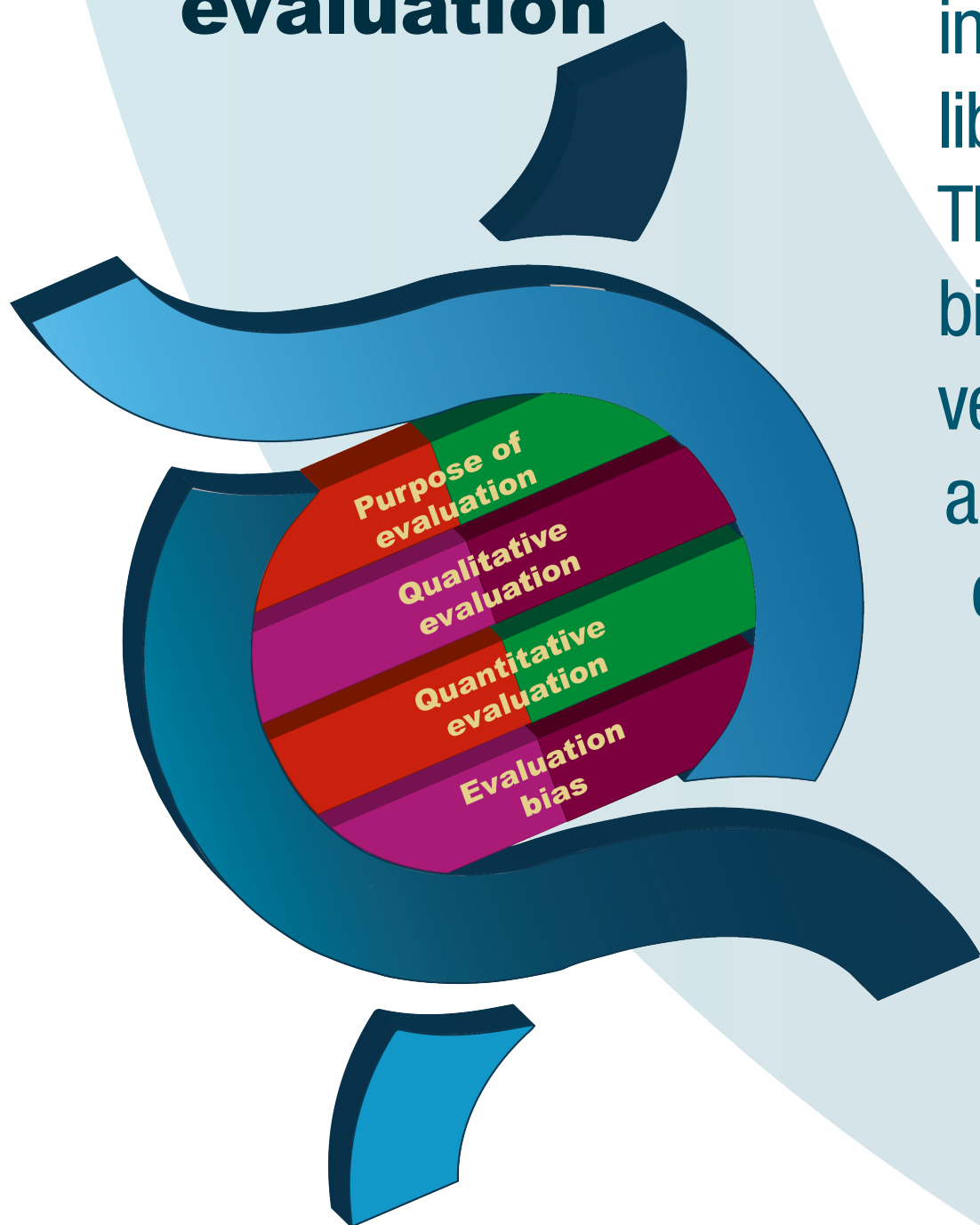al learning related to: information sources in the health field; retr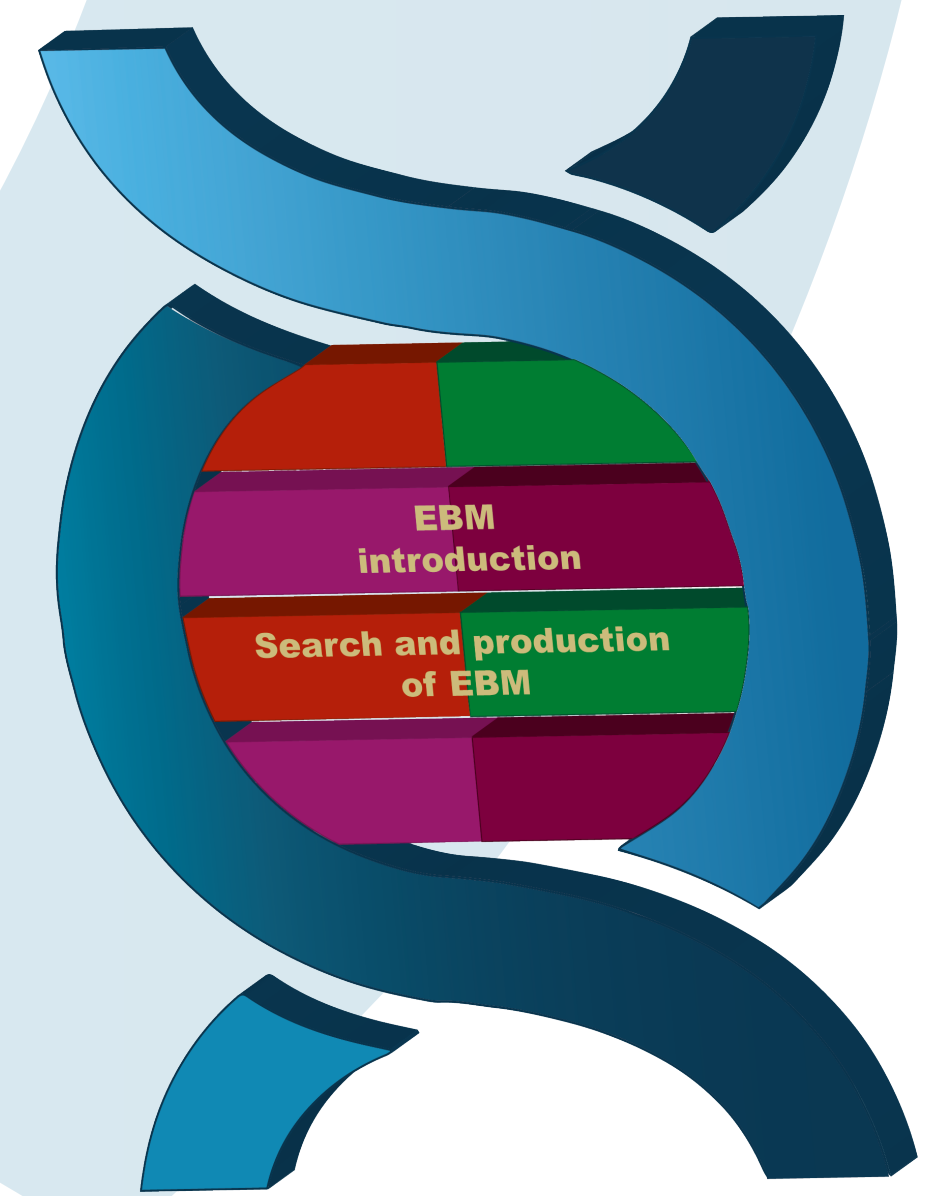ieving the original document and accessing full–text information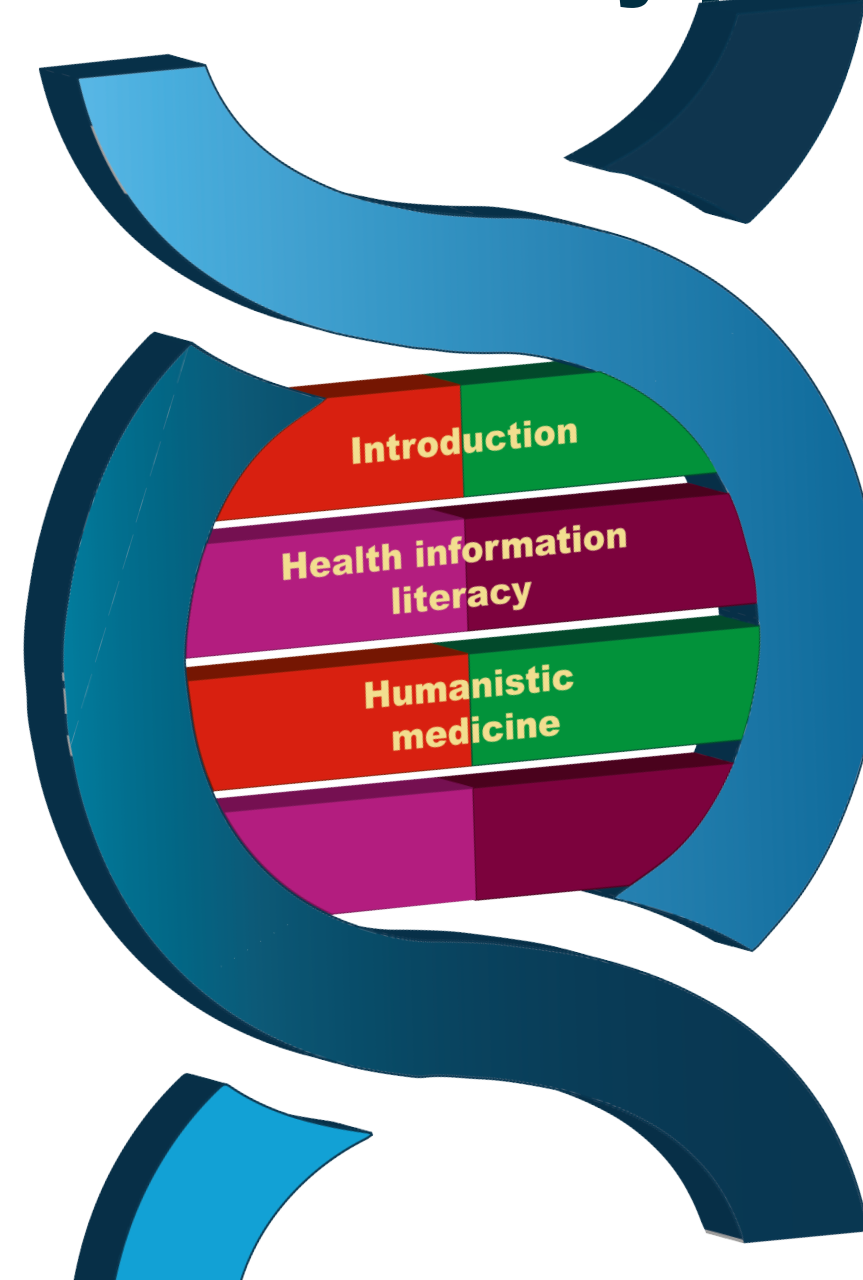; quality of health information on the web; research evaluation; evidence based medicine (EBM) documentation; scientific writing; healthcare information for patients and lay people; web 2.0 in the biomedical field.

The first five–day course was held in 2014 addressing health professionals (researchers, medical staff, nurses, laboratory technicians and others) practicing in the field of oncology. This training initiative received good feedback.
A driving license for documentation should be spread over to other disciplinary fields and applied also in basic educational programmes to enhance information literacy of all citizens.

4
Research evaluation

Purpose of evaluation
Qualitative evaluation
Quantitative evaluation
Evaluation bias

5
Evidence based medicine (EBM) documentation

EBM introduction
Search and production of EBM

6
Scientific writing

Features of scientific publications
Publishing a scientific paper

7
Healthcare information for patients and lay people

Introduction
Health information literacy
Humanistic medicine

8
Web 2.0 in the biomedical field

Introduction
Web 2.0 applications for the healtcare area