

SPRINGER BRIEFS IN PUBLIC HEALTH

Stefania Boccia · Róza Ádány  
Paolo Villari · Martina C. Cornel  
Corrado De Vito  
Roberta Pastorino *Editors*

# Personalised Health Care

Fostering Precision  
Medicine

Advancements  
for Gaining Population  
Health Impact

# **SpringerBriefs in Public Health**

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Editors

# Personalised Health Care

Fostering Precision Medicine Advancements  
for Gaining Population Health Impact

 Springer

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# List of Abbreviations

ACCE	Analytic validity, clinical validity, clinical utility, and ethical, legal, and social implications
AMSTAR	Assessment of multiple systematic reviews
AUC	Area under the curve
CDC	Centers for Disease Control and Prevention
CDSS	Clinical decision support service
CpG	Cytosine-guanine dinucleotides
CRC	Colorectal cancer
CVDs	Cardiovascular diseases
DFS	Disease-free survival
DTC-GTs	Direct-To-Consumer Genetic Tests
EGAPP	Evaluation of genomic applications in practice and prevention
EH	Essential hypertension
ELSI	Ethical, legal, and social implications
ESHG	European Society of Human Genetics
EU	European Union
EUnetHTA	European reference framework for HTA
EWAS	Epigenome-Wide Association Study
FAMCAT	Familial Hypercholesterolaemia case ascertainment tool
FDA	Food and Drug Administration
FH	Familial hypercholesterolaemia
GDPR	General data protection regulation
GP	General practitioners
GRS	Genetic risk score
GWAS	Genome-Wide Association Study
H2020	Horizon2020
HBOC	Hereditary breast and ovarian cancer
HDL-C	High-density lipoprotein cholesterol
HG	Hungarian general
HNC	Head and neck cancer
HR	Hungarian Roma

HRs	Hazard ratios
HTA	Health Technology Assessment
ICER	Institute for Clinical and Economic Review
IHC	Immunohistochemistry
LDL	Low-density lipoprotein
LEEFH	Dutch Expertise Centre for Inheritance Testing of Cardiovascular Diseases
LS	Lynch syndrome
LYG	Life years gained
miRNAs	micro RNAs
MSCA	Marie Skłodowska Curie Action
MSI	Microsatellite instability
NCDs	Non-communicable diseases
NICE	National Institute for Health and Clinical Excellence
OS	Overall survival
PH	Public health
PHG	Public health genomics
PICO	Population, intervention, comparator, outcome
PM	Personalised medicine
PRECeDI	Personalized pREvention of Chronic DIseases consortium
PRS	Polygenic risk score
QALYs	Quality-adjusted life-years
RISE	Research and innovation staff exchange
SNPs	Single nucleotide polymorphisms
T2D	Type 2 diabetes
VT	Venous thromboembolism
wGRS	Weighted GRS

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