Terminology for personalized medicine

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Introduction

Below we list keywords and synonyms for personalized medicine (PM) identified through systematic searches of academic, policy, popular news media and websites of regulatory agencies, funders, and national health and biomedical organizations in Australia, Canada, the European Union, the United Kingdom and the United States. The details of our search approaches are described in detail in the document: ‘Terminology for PM: a systematic collection’, available: http://paceomics.org/index.php/outputs/tools-and-resources/

We also list terms for personal genomics and associated diagnostics and testing terms found in our search, though identifying these was not the primary goal of this work. These searches were carried out from June to September 2013.

Note that we recorded the terminology listed below as it appeared in the sources – we did not add plurals and other variations of the keywords. We anticipate that researchers who may use these vocabulary lists – including PACEOMICS teams and others – will incorporate such variations during the development of customized search strings (e.g. target/targets/targeted, profiles/profile/profile/ profiling; personalized/ personalization/personalizing/personalised etc.).
These lists are also available as excel sheets with sources/references listed for each keyword. See also PACEOMICS policy brief #10: Changing terminology for Personalized Medicine. Available:
Keywords and synonyms for personalized medicine

biologically personalized therapeutics (BPTs)
biomarker guided treatment

clinical proteomics
co-dependent technologies
customized drug products
customized treatment

drug-diagnostic pairings
drug target pharmacogenomics

genetic medicine
genetically-guided therapy
genomic analysis
genomic medicine
genomics-enabled medicine
genomics-guided medicine
genotype-guided therapy

hybrid technology
individualised medicine
individualized dosing
Individualized drug testing
individualized drug therapy
individualized genotyping
individualized medications
Individualized medicine
individualized medicines
individualized pharmacotherapy
individualized targeted therapy
individualized therapy
individualized therapies
individualized treatment
integrated diagnostics and therapeutics
integrated personal omics testing (iPOP)

molecular medicine
molecular stratification
molecular 3harmaco agents
molecular targeted therapies
molecular therapies
molecular therapeutics
molecular-targetted agents
molecularly targeted therapies

omic strategies

P4 medicine (personalized, predictive, preventative, participatory)
participatory medicine
patient-specific therapy
patient-centered care
personalized diagnostic medicine
personalised medicine
personalised medicines
personalised treatment
personalize medical care
personalized genetic medicine
personalized genomic medicine
personalized medicine
personalized medicines
personalized molecular cancer therapeutics
personalized molecular medicine
personalized nanomedicine
personalized therapy
personalized therapies
4pharmaco agents
4pharmaco molecular therapeutics
4pharmaco therapeutics
4pharmaco therapy
pharmagenomics
pharmacometabolomics
pharmacoproteomic
pharmacotherapy
precision medicine
predictive health
predictive medicine
predictive, preventive, pre-emptive approach
P4 medicine (personalized, predictive, preventive, participatory)
proactive, pre-emptive and preventive healthcare
Terminology for Personalized Medicine: a systematic collection

preventive medicine
participatory medicine
prospective medicine

Rx-cDx

stratified medicine
stratified pharmacotherapy
stratified therapy

tailored drug
tailored medicine
tailored therapy
tailored therapeutics
tailored treatments
targeted drug
targeted healthcare interventions
targeted therapeutics
targeted therapies
targeted therapy
targeted treatment
theragnostics
theranostics
Keywords and synonyms for personal genomics

personal genetics
personal genetic profiling
personal genome
personal genome information
personal genomics
personalized genomics
direct-to-consumer genetic information services
direct-to-consumer genomics
Keywords and synonyms for companion diagnostics, biomarker and testing-related terms

- biological markers
- biomarker
- biomarker approaches
- biomolecular analysis
- biomolecular diagnostics

- cDx
- clinical biomarkers
- companion diagnostic test
- companion diagnostics
- companion test

- diagnostic biomarkers
- diagnostic risk assessment
- diagnostic-therapeutic linkage
- disease segmentation tools
- drug-diagnostic co-development
- drug-diagnostic combination

- esoteric diagnostics

- gene detection technique
- gene signatures
- gene expression signatures
- genetic biomarker
- genetic profiling
- genetic signature
- genetic test
- genetic testing
- genetically-guided therapy
- genomics-based diagnostic test
- genomics-based molecular diagnostics
- genomics-based tests
- genomic profile
- genomic-profiling

- marker-assisted diagnosis
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- metabolomics
- molecular biological
- molecular-based diagnostics
- molecular-based testing
- molecular classification
- molecular detection
- molecular diagnosis
- molecular diagnostic
- molecular diagnostic methods
- molecular genetic screening
- molecular genetic screening tools
- molecular genetic tests
- molecular biomarkers
- molecular markers
- molecular monitoring
- molecular phenotype
- molecular profiling
- molecular signatures
- molecular screening
- molecular stratification
- molecular testing
- monitoring markers
- multi-analyte tests
- multiparameter analysis
- multiparameter profiling

- nanotheranostics
- oncogenomics

- personal phenotyping
- personalised diagnostic test
- personalized diagnostics
- pharmacodiagnostic testing
- pharmacodiagnostics
- 8pharmacogenomics markers
- pharmacogenetic algorithm
- pharmacogenetic guidance
- pharmacogenetic-based algorithms
- pharmacogenetics-based tests
- pharmacogenetic testing
- 8pharmacogenomics marker
- 8pharmacogenomics markers
Terminology for Personalized Medicine: a systematic collection

pharmacogenomics diagnostics
pharmacogenomics testing
personalized risk profile
pharmacogenetic testing
phenotypic screening
pre-treatment genotyping
predictive assays
predictive gene signatures
predictive toxicogenomic screening
prognostic assays
prospective genotyping
proteomic analysis
protein-based markers
protein biomarkers
proteomic biomarker
proteomic pattern diagnostics
proteomic profile
proteomic profiling
proteomic screening

single molecule biomarkers
theragnostic
tissue-based biomarkers
toxicogenomic markers
toxignostics
transcript profiling
transcriptomics
transcriptomic screening

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