Snappy Search:

Genomics and healthcare

Monday, 10 July 2017

A quick overview of the latest guidance and evidence on current issues such as smoking, sexual health, health inequalities, mental health, obesity, substance abuse, women’s health – in fact anything that you ask for!

If you have a topic suggestion, please email it to Rachel Posaner. Previous searches can be found at: http://bit.ly/1H6QOQk

Department of Health

Chief Medical Officer annual report 2016: Generation Genome

Genomics and personalised medicine: how partnership with the UK can transform healthcare

Forging global partnerships in genomics and personalised medicine

Genomics England

The 100,000 Genomes Project

The 100,000 Genomes Project by numbers

Understanding genomics

Cancer in the 100,000 Genomes Project

Rare disease programme

Whole Genome Sequencing to diagnose TB

Scotland study to probe causes of rare diseases

NHS England

Genomics

100K Genomes Project – Paving the Way to Personalised Medicine

The Conversation

Gene testing for the public: a way to ward off disease, or a useless worry?

How genomic techniques can pin down rare genetic diseases more quickly

Personalized medicine may do more to treat rather than prevent chronic diseases

Understanding genetic differences between breast cancer tumors is key to better treatment

Patient data

Google may get access to genomic patient data – here’s why we should be concerned

The privacy debate over research with your blood and tissue

If we don’t own our genes, what protects study subjects in genetic research?

Medline

Integrating precision cancer medicine into healthcare-policy, practice, and research challenges.

Bertier, Gabrielle

Use of big data for drug development and for public and personal health and care

Leyens, Lada
Genetic Epidemiology. 41(1):51-60, 2017 Jan
NHS Health Education England
Generation Genome – Delivering Genomics to the NHS
Genomics Education Moves into the Mainstream
Genomics in Government Policy
Genomics Education Programme

NIH National Human Genome Research Institute
What is Genomic Medicine? (July 2016)

Parliament UK
Genomics and genome-editing inquiry (includes link to report Genomics and genome-editing: future lines of inquiry, April 2017)
Genome Editing (POSTnote, Nov. 2016)

Nuffield Council on Bioethics
Genome editing: an ethical review (Sept. 2016)

Royal Society
Submission to the House of Commons Science and Technology Committee inquiry into genomics and genome editing (Feb. 2017)

Wellcome Trust Sanger Institute
Chief Medical Officer’s annual report 2016: Generation Genome highlights the potential for pathogen genomics in patient diagnosis and infection control (July 2017)

Royal College of Radiologists
Response to Chief Medical Officer’s ‘Generation Genome’ report – rushing into full sequencing will give patients more questions than answers (July 2017)

Research Councils UK

Scopus
Public health and precision medicine share a goal
Vaithinathan, A.G. et al.
Journal of Evidence-Based Medicine, Volume 10, Issue 2, May 2017, Pages 76-80

Evolving health care through personal genomics
Rehm, H.L.
Nature Reviews Genetics, Volume 18, Issue 4, 1 April 2017, Pages 259-267

Primer in Genetics and Genomics, Article 2—Advancing Nursing Research With Genomic Approaches: A Review of Methodological Considerations
Lee, H. et al.
Biological Research for Nursing, Volume 19, Issue 2, 1 March 2017, Pages 229-239

Personal genomic testing for cancer risk: Results from the impact of personal genomics study
Gray, S.W.

Infection control in the new age of genomic epidemiology
Tang, P. et al.
American Journal of Infection Control, Volume 45, Issue 2, 1 February 2017, Pages 170-179

Primer in Genetics and Genomics, Article 1: DNA, Genes, and Chromosomes
Dorman, J.S.
Biological Research for Nursing, Volume 19, Issue 1, 1 January 2017, Pages 7-17

Blogs and other news
NHS to offer personal cancer care based on patients’ genetics (iNews, July 2017)
Gene testing could revolutionise cancer treatment (ITV news, July 2017)
When Will Genomics Cure Cancer? (The Atlantic, Jan. 2014)
Genomics and Genome Editing – Written response from Research Councils UK (Jan. 2017)

Current and future developments in genomics

The King’s Fund

What if every patient were to have their genome mapped?

Time to think differently: Medical advances

Nuffield Trust

The future of pathology services

NHS must not miss chances to save money and improve care in pathology

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