



SLIDES UPON Genetics and Genomics

Comprehensive, visually engaging slides on **Genetics and Genomics** are available for download and use in presentations, teaching, and outreach. These include templates, educational resources, infographics, and professionally organized decks suitable for a range of audiences and topics related to genetics and genomics.^{[1] [2] [3] [4]}

Ready-Made Genetics and Genomics Slides

- SlideModel provides a genetics PowerPoint template with 18 slides covering topics such as DNA, chromosomes, genes, hereditary traits, and more. These templates feature infographic-rich layouts ideal for educators, researchers, and professionals in biotechnology or genomics.^[1]
- Slidesgo offers free, editable slides for topics like DNA replication, genetic engineering, molecular genetics, genetic diseases, and more. These are designed for teachers, students, and workshop facilitators, with creative visuals to aid understanding.^[2]
- SlideShare hosts decks on genomics that explain core concepts, the history from Mendel to the Human Genome Project, differences between genetics and genomics, genomics project summaries, and medical applications. These are suitable for both lecture delivery and self-study.^{[5] [3] [6]}

Educational Infographics and Teaching Resources

- The National Human Genome Research Institute (NHGRI) offers fact sheets, infographics, timelines, and instructional tools. These resources are designed to boost genomic literacy, spark curiosity, and support both group instruction and self-directed learning.^[7]
- GenomeEd is a free repository of high-quality genomics teaching resources for educators and healthcare professionals, including core competencies and curricular materials.^[7]
- Interactive slide decks and quizzes, like the NHS Genomics Game, provide foundational genetics and genomics knowledge in an engaging format suitable for remote and hybrid teaching scenarios.^[8]

How to Access and Use

- Templates and slides are typically available as downloadable PowerPoint (.ppt, .pptx) or Google Slides files, often requiring registration for access.^{[4] [2] [1]}
- Topics span from basic genetic concepts (inheritance, DNA structure) to advanced genomics topics (gene sequencing, genetic testing in medicine, genome-wide analysis), supporting customizations for specific curriculum or research needs.^{[3] [9] [2]}

- For organized teaching sessions, many resources include comprehensive lesson plans, student handouts, and interactive elements designed to foster deeper understanding. ^[10] ^[7]

Summary Table: Genetics and Genomics Slide Resources

Source	Focus & Audience	Format	Notable Features
SlideModel	Genetics, DNA, inheritance, research	PPT, Google Slides	Business/research design, editable
Slidesgo	Molecular genetics, genetic diseases	PPT, Google Slides	Creative templates, student engagement
SlideShare	Genomics concepts & project summaries	PPT, PDF	Lecture-first, history, clinical usage
NHGRI	Genomic literacy, teaching resources	Fact sheets, slides	Infographics, timelines, hands-on tools
NHS/Educators	Foundation knowledge, healthcare	Quiz decks, slides	Remote teaching, discussion prompts

All resources above can assist educators, students, and professionals in delivering high-impact lessons or research pitches on **Genetics and Genomics** subjects. ^[2] ^[3] ^[1] ^[7]

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1. <https://slidemodel.com/templates/genetics-powerpoint-template/>
2. <https://slidesgo.com/genetics>
3. <https://www.slideshare.net/slideshow/genetics-and-genomic/45509092>
4. <https://www.scribd.com/presentation/860447504/Genomics-PPT>
5. <https://www.slideshare.net/slideshow/genomics-58002262/58002262>
6. <https://www.slideshare.net/slideshow/genetics-and-genomics-dr-roisin-ocearbhaill-slides/251047458>
7. <https://www.genome.gov/About-Genomics/Educational-Resources>
8. <https://www.genomicseducation.hee.nhs.uk/education/teaching-resources/the-genomics-game-quiz/>
9. <https://www.bioedonline.org/lessons-and-more/resource-collections/gene-u-genetics-and-inheritance/>
10. <https://www.unlockinglifescode.org/sites/default/files/2021-09/Curriculum PDF.pdf>
11. <https://www.slideserve.com/esma/introduction-to-genetics-and-genomics>
12. <https://www.slideserve.com/janice/implications-of-genetics-and-genomics-for-nurses>
13. <https://biochem158.stanford.edu/08 Bioinformatics.pdf>
14. https://www.europa-uomo.org/wp-content/uploads/2023/04/ingrosso_eur-uomo_29-3-2323431.pdf
15. <https://slideplayer.com/slide/16998838/>
16. <https://nursing.ufl.edu/wordpress/files/2025/08/NUR-3197-sec-0048Drew.doc>
17. <https://www.slideshare.net/slideshow/genomics-genetics-community-public-health/245270071>
18. <https://www.slideserve.com/elissaj/genetics-and-genomics-forward-genetics-reverse-genetics-genetic-tools-for-genome-wide-analysis-powerpoint-ppt-presentation>

19. <https://www.slideserve.com/ddeangelo/integrating-genomics-into-clinical-practice-powerpoint-ppt-presentation>
20. <https://www.cdc.gov/cancer/breast/docs/acbcyw-noncdc/Genetics-Genomics-Workgroup-Report-022020.pptx>