

# Animations and interactions

## Globally:

- Navigation menu

## Header:

- CSS: Rotating quantum & floating quantum dot (SVG keyframes)
- JavaScript: Animated Title and Subtitle on scroll

## Section1:

- CSS: Rotating quantum (SVG keyframes)
- JavaScript: Animated Title and text on scroll

## Section2:

- CSS: 1) Opacity changing cat (SVG keyframes);  
2) Bulb changing cat (SVG keyframes + filters);  
3) Double-slit interference (SVG keyframes);
- JavaScript: 1) Animated Title and text on scroll;  
2) Lottie exported cat

## Section3:

- CSS: Floating quantum (SVG keyframes)
- JavaScript: 1) Animated Title and text on scroll;  
2) Lightbox (click on small quantum to show inventions images)

## Section4:

- CSS: Rotating quantum (SVG keyframes)
- JavaScript: 1) Animated Title on scroll;  
2) Slideshow (change pages to show different physicists)

## Footer:

- JavaScript: 1) Animated Title on scroll  
2) a HTML form

## References of third-party assets:

AOS (Animate On Scroll): <https://github.com/michalsnik-aos>

imagesLoaded: <http://imagesloaded.desandro.com/>

Airbnb / lottie-web: <https://github.com/airbnb/lottie-web>

jQuery-3.6.0: <http://jquery.com/download>

## References of media resources:

### Images:

#### 1. An Image Of A DNA Presentation

URL: <https://www.pexels.com/photo/time-lapse-photo-of-stars-on-night-924824/>

Author: Jakub Novacek

License: Pexels License

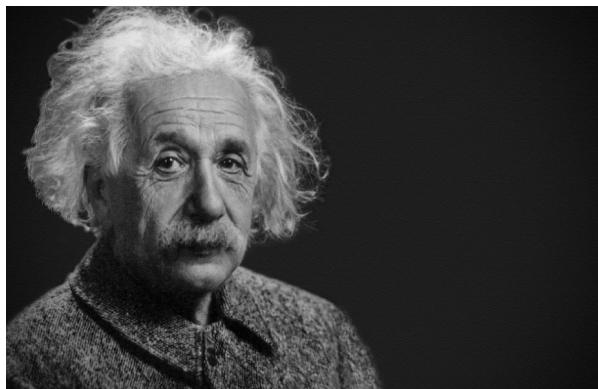


#### 2. Albert Einstein

URL: <https://pixabay.com/photos/albert-einstein-portrait-1933340/>

Author: ParentRap

License: Pixabay License



#### 3. Computer

URL: <https://unsplash.com/photos/wvOhwrohUI>

Author: Alex Motoc

License: Unsplash License



4. One of my favorite photography tools.

URL: <https://unsplash.com/photos/swxPxjxHNkc>

Author: Bart van Dijk

License: Unsplash License



5. Compass

URL: <https://unsplash.com/photos/o51ZmPzv95Q>

Author: Ian Keefe

License: Unsplash License



6. Sony Venice Cinema Camera

URL: <https://unsplash.com/photos/VFqskG711Fs>

Author: Josh Miller

License: Unsplash License

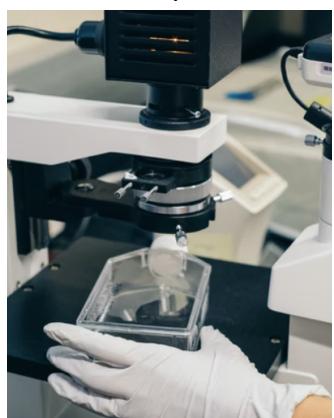


7. A gloved hand preparing a stem cell culture for analysis.

URL: <https://unsplash.com/photos/7wWRXewYCH4>

Author: Jaron Nix

License: Unsplash License



8. Brian Daniel in Research Laboratory

URL: <https://unsplash.com/photos/CWbxnAk77so>

Author: Bert Anderson

License: Unsplash License



9. The Gene Therapy press conference

URL: <https://unsplash.com/photos/1ToaHfV7au0>

Author: National Cancer Institute

License: Unsplash License



10. Dr. Jonathan Hartwell (right) and his assistant Sylvy R. Levy Kornberg

URL: [https://unsplash.com/photos/gKT3ooTuS\\_w](https://unsplash.com/photos/gKT3ooTuS_w)

Author: National Cancer Institute

License: Unsplash License



11. Samuel Broder, M.D.

URL: <https://unsplash.com/photos/UK0IzD16BxI>

Author: National Cancer Institute

License: Unsplash License

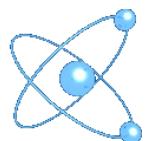


12. Atom

URL: <https://icons8.com/preloaders/>

Author: Preloaders.net

License: ICONS8 License



13. Spinner-3

URL: <https://icons8.com/preloaders/>

Author: Preloaders.net

License: ICONS8 License



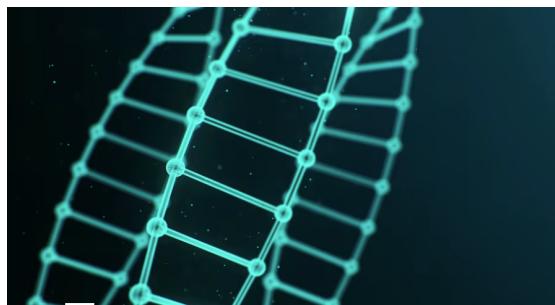
**Video:**

1. An Image Of A DNA Presentation

URL: <https://www.pexels.com/video/an-image-of-a-dna-presentation-3191573/>

Author: Pressmaster

License: Pexels License



**Fonts:**

1. Lato - Bold 700

URL: <https://fonts.google.com/specimen/Lato>

**Almost before we knew**

2. Roboto - Regular 400

URL: <https://fonts.google.com/specimen/Roboto?category=Serif,Sans+Serif>

**Almost before we knew**

3. Roboto Slab - Regular 400

URL: <https://fonts.google.com/specimen/Roboto+Slab?category=Serif,Sans+Serif>

**Almost before we knew**

4. Open Sans - Regular 400

URL: <https://fonts.google.com/specimen/Open+Sans>

**Almost before we knew**