

## Neurospora crassa <sup>[1]</sup>

By: Pribadi, Amy

Image not found

<https://hpsrepository.asu.edu/bitstream/handle/10776/11359/OImageNeurosporaAP.jpg>



*Neurospora crassa* is a red mold that scientists use to study genetics. *N. crassa* commonly grows on bread as shown in the top left corner of this figure. To culture the mold in lab, researchers grow it in glassware such as test tubes, Erlenmeyer flasks, and petri dishes, as shown in the top right corner of the figure. In the glassware, researchers place a gel, called a medium, of agar, sucrose, salts, and vitamins. The mold grows on the medium, and cotton stoppers prevent anything from contaminating the mold. Under a microscope, researchers can see the structure of the mold's ascospores, which are haploid and oval-shaped structures and function in the mold's life cycle as seeds function in a plant's life cycle.

### Subject

Pink bread mold <sup>[2]</sup> Microbiology <sup>[3]</sup> Beadle, George Wells, 1903-1991 <sup>[4]</sup> Spore <sup>[5]</sup> Microscopy <sup>[6]</sup> Culture Media <sup>[7]</sup> Molds <sup>[8]</sup> *Neurospora crassa* <sup>[9]</sup>

### Topic

Organisms <sup>[10]</sup>

### Publisher

Arizona State University. School of Life Sciences. Center for Biology and Society. Embryo Project Encyclopedia.

### Rights

Copyright Arizona Board of Regents Licensed as Creative Commons Attribution-NonCommercial-Share Alike 3.0 Unported (CC BY-NC-SA 3.0)  
<http://creativecommons.org/licenses/by-nc-sa/3.0/>

### Format

Graphics <sup>[11]</sup>

### Last Modified

Wednesday, July 4, 2018 - 04:40

**DC Date**

2016-10-11

**DC Date Accessioned**

Wednesday, October 12, 2016 - 01:01

**DC Date Available**

Wednesday, October 12, 2016 - 01:01

**DC Date Created**

2016-10-11

**DC Date Created Standard**

Tuesday, October 11, 2016 - 07:00

**dspace\_image**

<https://hpsrepository.asu.edu/bitstream/handle/10776/11359/OImageNeurosporaAP.jpg>

- [Contact Us](#)

© 2018 Arizona Board of Regents

- The Embryo Project at Arizona State University, 1711 South Rural Road, Tempe  
Arizona 85287, United States

---

**Source URL:** <https://embryo.asu.edu/pages/neurospora-crassa>

**Links:**

- [1] <https://embryo.asu.edu/pages/neurospora-crassa>
- [2] <https://embryo.asu.edu/library-congress-subject-headings/pink-bread-mold>
- [3] <https://embryo.asu.edu/library-congress-subject-headings/microbiology>
- [4] <https://embryo.asu.edu/library-congress-subject-headings/beadle-george-wells-1903-1991>
- [5] <https://embryo.asu.edu/library-congress-subject-headings/spore>
- [6] <https://embryo.asu.edu/library-congress-subject-headings/microscopy>
- [7] <https://embryo.asu.edu/medical-subject-headings/culture-media>
- [8] <https://embryo.asu.edu/medical-subject-headings/molds>
- [9] <https://embryo.asu.edu/medical-subject-headings/neurospora-crassa>
- [10] <https://embryo.asu.edu/topics/organisms>
- [11] <https://embryo.asu.edu/formats/graphics>