



# Medical Scientist

By Hannah Tilley and Conner Key

# What does a medical scientist do?

- Plans and directs studies to investigate human or animal disease, preventive methods, and treatments for disease
- Studies animal and human health and physiological processes.
- Prepares and analyzes organ, tissue, and cell samples to identify toxicity, bacteria, or microorganisms or to study cell structure

# **Skills you need (Foundation and Thinking)**

- Reading comprehension – medium (Level 5)
- Active listening – medium (Level 5)
- Writing – medium (Level 5)
- Speaking – medium (Level 5)
- Mathematics – medium (Level 3)
- Science – medium (Level 5)
- Critical thinking – medium (Level 5)
- Active learning – medium (Level 4)
- Learning strategies – medium (Level 3)
- Monitoring – medium (Level 4)

# School

- Medical scientists typically need a Phd.,
  - usually in biology or a related life science, from an accredited postsecondary institution.
  - Some medical scientists get a medical degree instead of a Ph.D. but prefer doing research to practicing as a physician.
  - It is helpful for medical scientists to have both a Ph.D. and a medical degree.



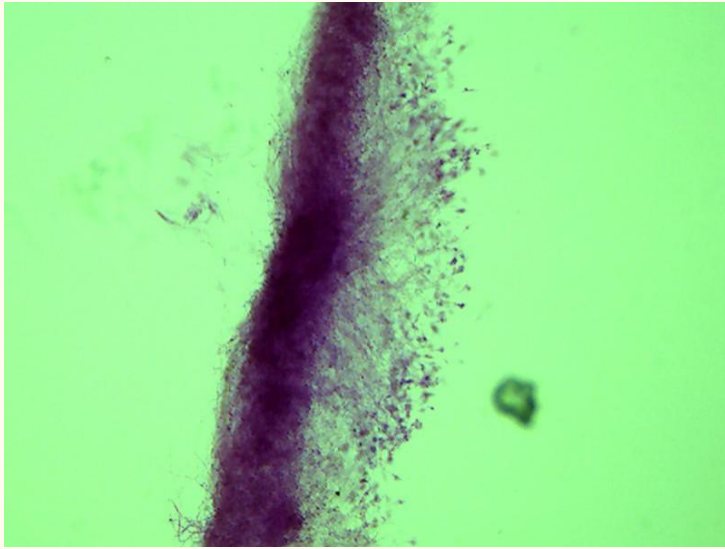


# Money

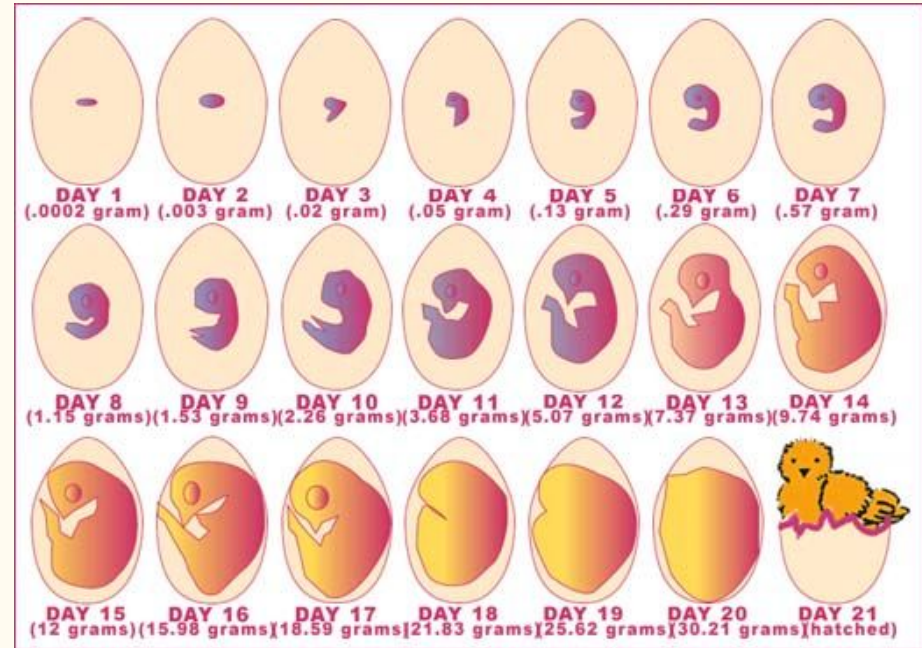
- Average Annual Wage \$98,600
- Entry Annual Wage \$52,660
- Experienced Annual Wage \$155,660
- Average Hourly Wage \$47.40
- Entry Hourly Wage \$25.32
- Experienced Hourly Wage \$74.84
- Median Hourly Wage \$42.99



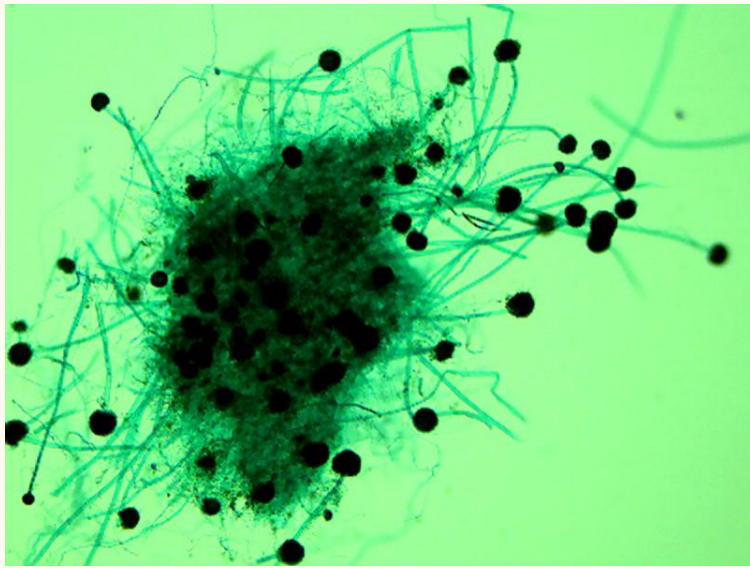
- This mushroom is well known and relatively easily recognized.
- These mushrooms grow alone, in clusters, and in rows/ lines.
- This mushroom is also called shaggy mane
- These mushrooms are about on average 1-2 inches wide, 2-6 inches tall.



- This is the baby chick slide
- This is a undeveloped start of a chick







- This is one of the two mold types we looked at under the microscope
- Mold is a type of fungi
- Molds grow best in warm, damp, and humid conditions, and spread and reproduce by making spores.
- Exposure to molds can cause symptoms such as nasal stuffiness, eye irritation, wheezing, or skin irritation.





## Connections

<http://www.onetcenter.org/>

<http://www.bls.gov/soc/socguide.htm>

## References

**CFNC.ORG**