



Germ Theory of Disease	
1545: Girolamo Fracastoro	
1835: Agostino Bassi	
1840: Gustav Henle	
1857: Louis Pasteur	
1864: Joseph Lister	
1866: Anton De Bary	
1876: Robert Koch	





## BioBuck

Which one of the following is <u>not</u> required to prove that a Coronavirus causes SARS?

- A. Isolate the virus from ill host. B. Inoculate susceptible host
- and cause symptoms. C. Show the disease is transmitted from one host to
- another.
- D. Isolate the virus from inoculated host. E. None of the above.



## Case Definition Vomiting, diarrhea, fever (>38°C), chills. Nasal discharge, obstruction of nasal breathing, swelling of the sinus membranes, sneezing, sore throat, cough, and headache. Fever is usually sight Fever, headache, tiredness, dry cough, sore throat, body aches. ? Common cold ? Influenza ? Norovirus



		$ID_{50}$	
	Number of bacteria	Number of dead mice	% dead mice
	10		
	100		
	1000		
L	What's the	ID <sub>50</sub> ?	

Cutaneous — 50     Pulmonary — 20,000     Literial 4 000 000			# endospores	
Pulmonary — 20,000	<ul> <li>Cutaneous</li> </ul>	_	50	
1 000 000	<ul> <li>Pulmonary</li> </ul>	_	20,000	
<ul> <li>Intestinal — 1,000,000</li> </ul>	<ul> <li>Intestinal</li> </ul>	_	1,000,000	

	ID	50	
		# cells	
<ul> <li>Legionella</li> </ul>	_	1	
<ul> <li>Salmonella</li> </ul>	_	10,000	
<ul> <li>Shigella</li> </ul>	_	200	
<ul> <li>Treponema</li> </ul>	_	50	

