



Food Biotechnology

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Lab Extensions / Activities

- The shape used to describe DNA structure is (two words): _____
- The last names of the people who discovered the structure of DNA in the 1950's: _____ and _____
- A technique used for extracting DNA from cells (two words): _____
- The method used in biotechnology to determine the density of bacteria growing in a culture or media (three words): _____
- When an agar plate is completely overgrown with bacterial colonies you have a (one word): _____
- The method used for culturing different concentrations of bacteria during a standard plate count (two words): _____
- When using any acids, bases or hot solutions, make sure you are wearing these, along with an apron and appropriate gloves (one word): _____
- The technique used to help guarantee agar plates do not become contaminated (two words): _____
- The media most common used to culture microbes such as bacteria (two words): _____
- The type of dish used to culture bacteria (two words): _____
- A common form of food poisoning that thrives on raw meat left at room temperature (one word): _____
- Contained in useful microbes, these special molecules make and break molecules. (one word): _____
- The process of using low level radiation to reduce surface contamination on foods (one word): _____
- The pH of fruit that is less likely to spoil (one word): _____
- The microbe used to make bread rise and the alcohol in beer (one word): _____
- The microbe used to make cheeses like blue cheese (one word): _____
- The most abundant group of organisms on earth (one word): _____

N	U	T	R	I	E	N	T	A	G	A	R	A	G	A	L	L	E	N	O	M	L	A	S
A	I	I	A	E	N	L	O	G	A	A	A	A	L	D	N	A	L	T	O	M	A	L	D
S	S	R	A	T	Z	G	O	O	K	C	I	R	C	D	N	A	N	O	S	T	A	W	N
P	E	R	P	R	Y	G	A	G	A	G	G	G	X	A	W	N	I	B	M	O	C	E	A
I	R	A	E	I	M	A	A	G	A	C	A	R	G	N	A	N	I	B	M	O	C	E	S
R	I	D	T	D	E	A	A	A	N	O	I	T	U	L	I	D	L	A	I	R	E	S	P
A	I	I	R	I	S	E	L	U	O	Y	A	V	O	A	L	P	Y	E	A	S	T	I	O
L	L	A	I	H	A	P	F	A	M	W	A	E	H	P	P	P	A	N	A	E	A	R	O
L	D	T	D	S	T	A	N	D	A	R	D	P	L	A	T	E	C	O	U	N	T	R	L
A	I	I	B	A	C	T	E	R	I	A	T	A	P	P	T	A	Y	N	Z	I	S	I	
D	L	O	S	G	O	G	G	L	E	S	A	R	P	I	O	I	A	D	D	Y	A	D	N
D	T	N	H	S	T	E	R	I	L	E	T	E	C	H	N	I	Q	U	E	I	O	L	G
E	A	C	I	D	I	C	K	A	E	R	F	A	N	U	F	I	I	Z	E	M	A	O	A
R	S	T	E	R	I	L	E	T	O	M	I	G	N	I	Q	S	R	S	A	L	T	M	O
A	H	S	I	F	I	T	R	O	P	S	H	I	D	S	T	H	U	P	R	A	M	L	T

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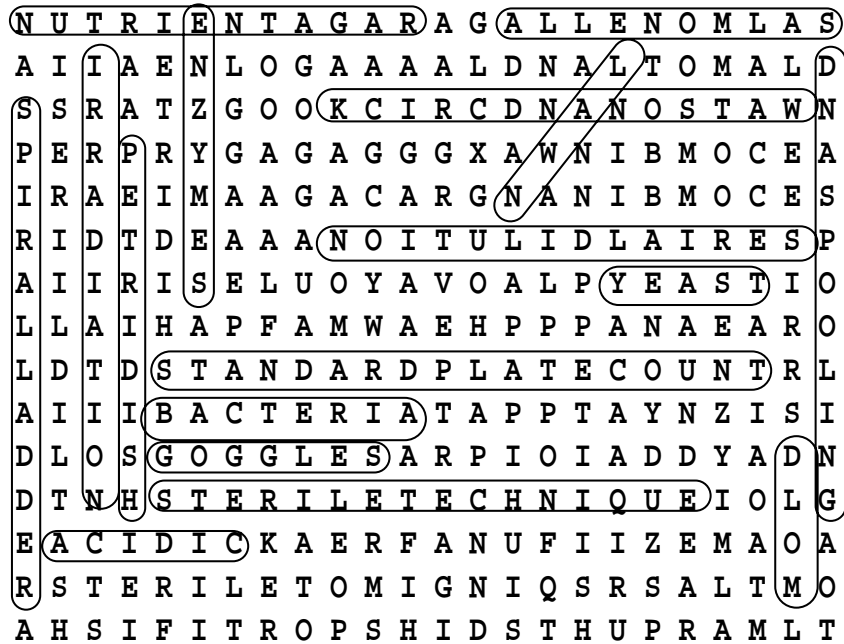


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Lab Extensions / Activities

PUZZLE SOLUTION

1. Spiral Ladder
2. Watson and Crick
3. DNA Spooling
4. Standard Plate Count
5. Lawn
6. Serial Dilution
7. Goggles
8. Sterile Technique
9. Nutrient Agar
10. Petri Dish
11. Salmonella
12. Enzymes
13. Irradiation
14. Acidic
15. Yeast
16. Mold
17. Bacteria



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