



# "Frankenmeat": Cellular Agriculture and the Future of Food

# Matt Anderson-Baron

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FUTURE FIELDS

Cellular Agriculture

Research and Development

WHY?



How do we feed 10  
billion people?

FACT:

People love meat.

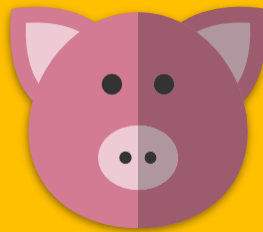


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# MEAT



120



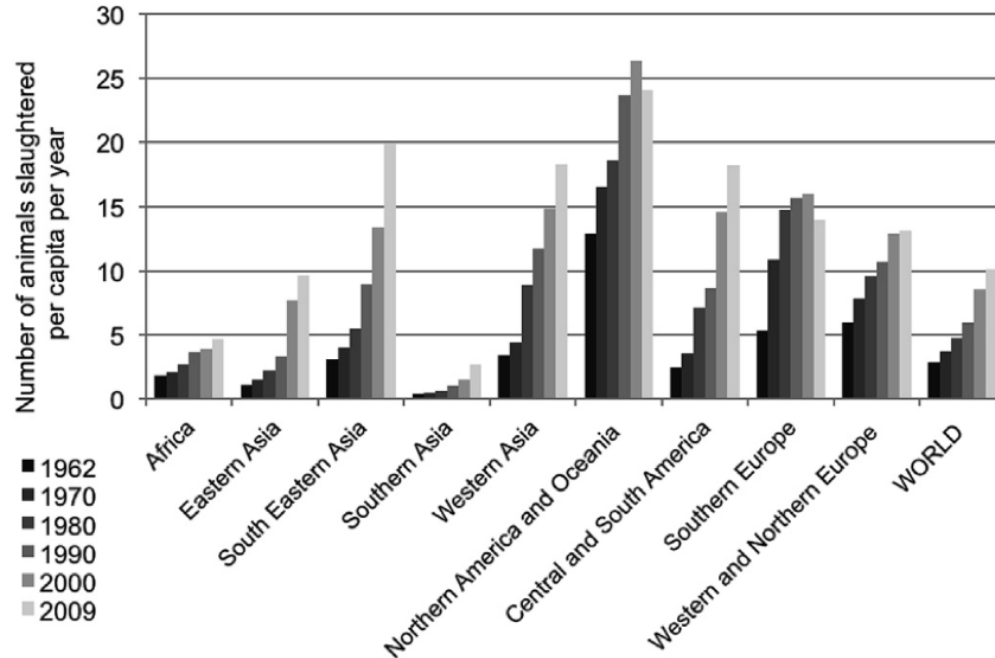
4



1

family of 4  
per annum

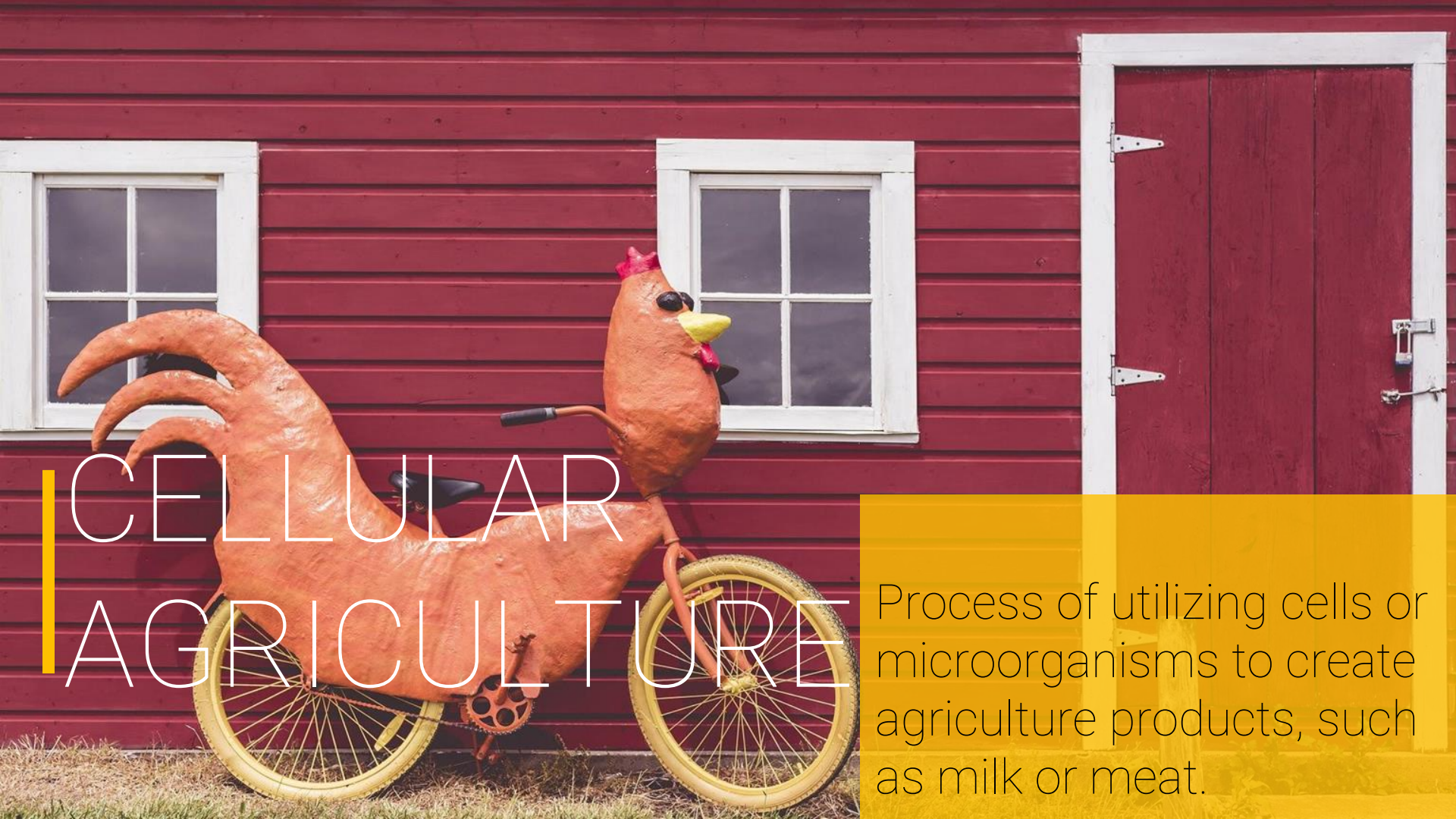
# CONSUMPTION



INCREASED  
DEMAND

**Fig. 3.** Global trends of consistency: number of animals slaughtered per capita in selected years in the period 1962–2009.





# CELLULAR AGRICULTURE

Process of utilizing cells or microorganisms to create agriculture products, such as milk or meat.



# APPLICATIONS



[perfectdayfoods.com](https://perfectdayfoods.com)



[clarafoods.com](https://clarafoods.com)

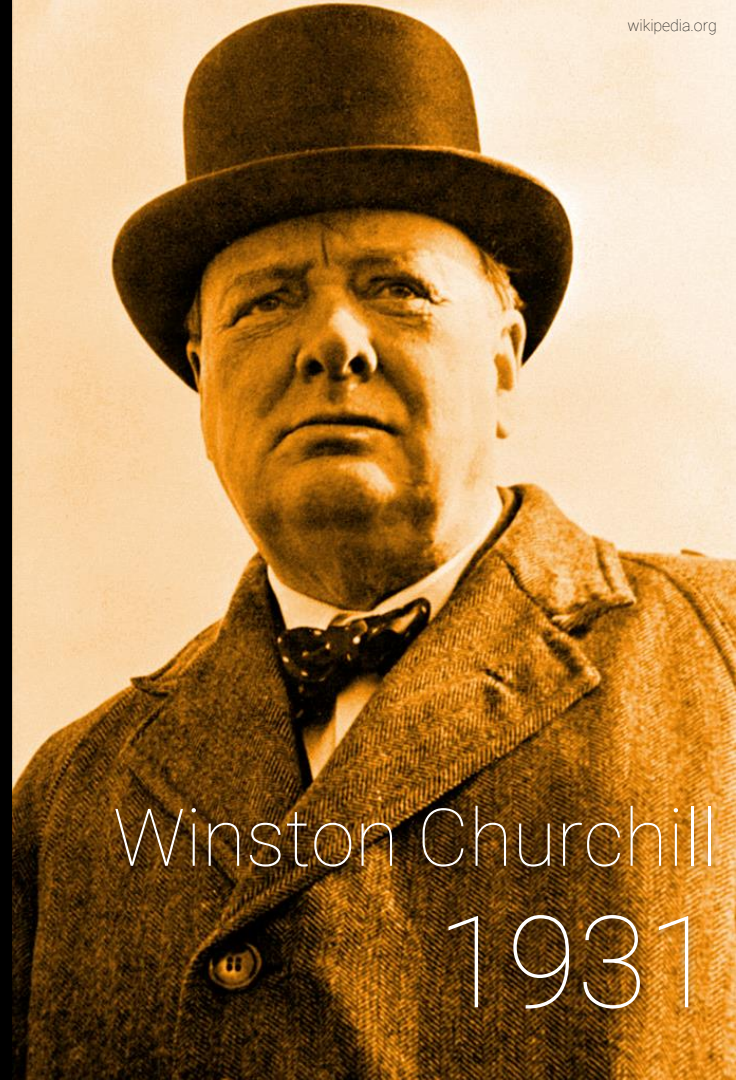


[modernmeadow.com](https://modernmeadow.com)



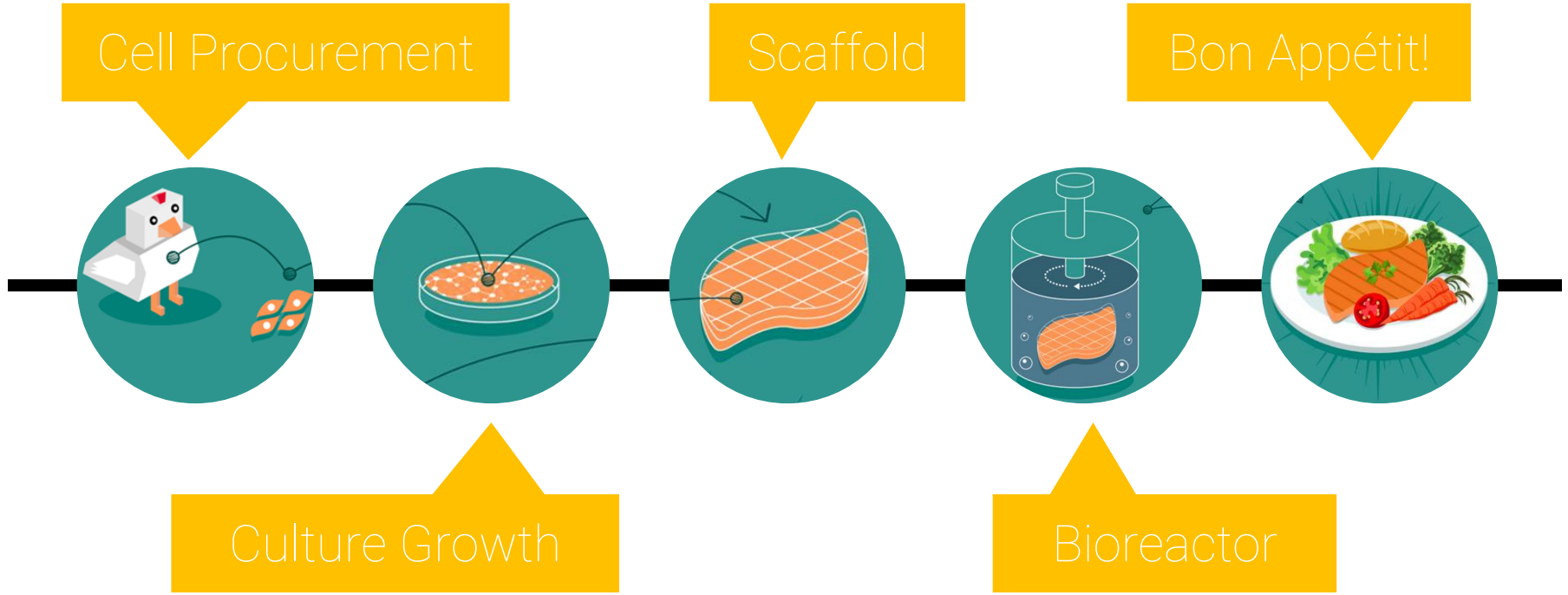
| CULTURED MEAT

“We shall escape the absurdity of growing a whole chicken in order to eat the breast or wing, by growing these parts separately under a suitable medium.”



Winston Churchill  
1931

# HOW IT WORKS





# PRODUCTION



# THE FIRST CULTURED MEAT PRODUCT

2013

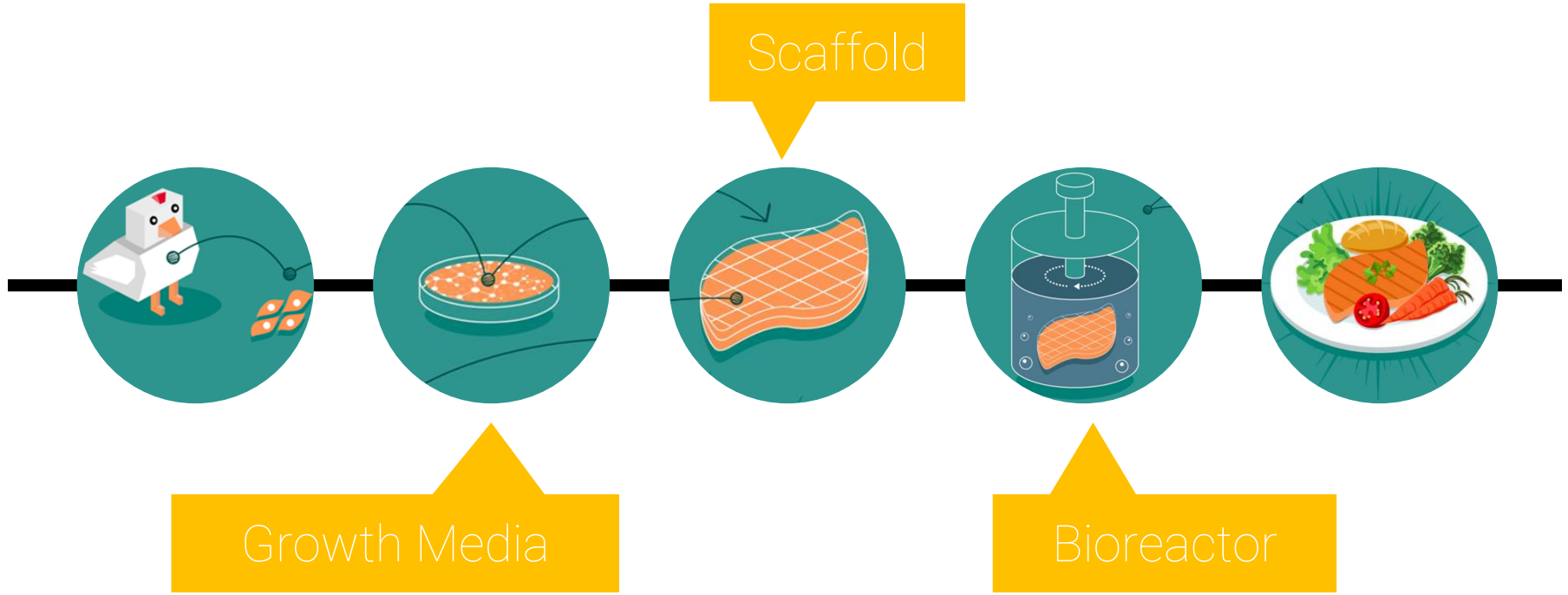
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2019

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# Methodological Hurdles



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# FUTURE FIELDS PROTOTYPE





Regulation and  
Consumer Acceptance.



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