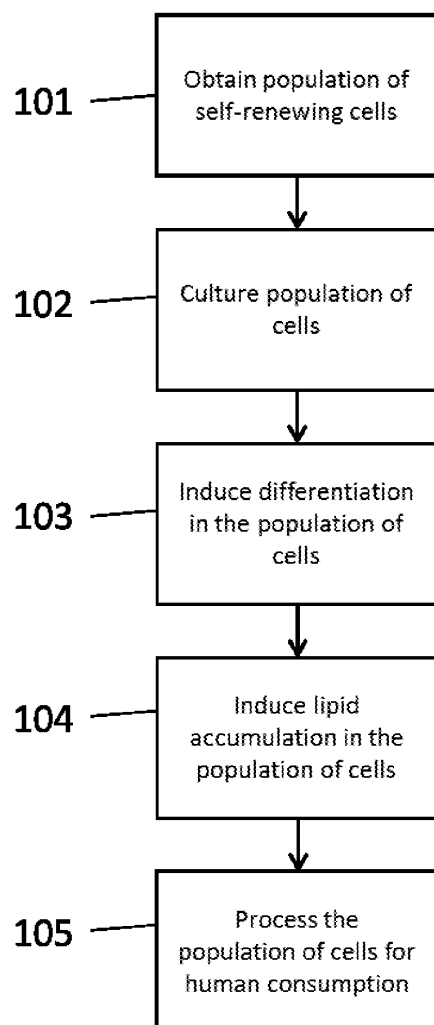


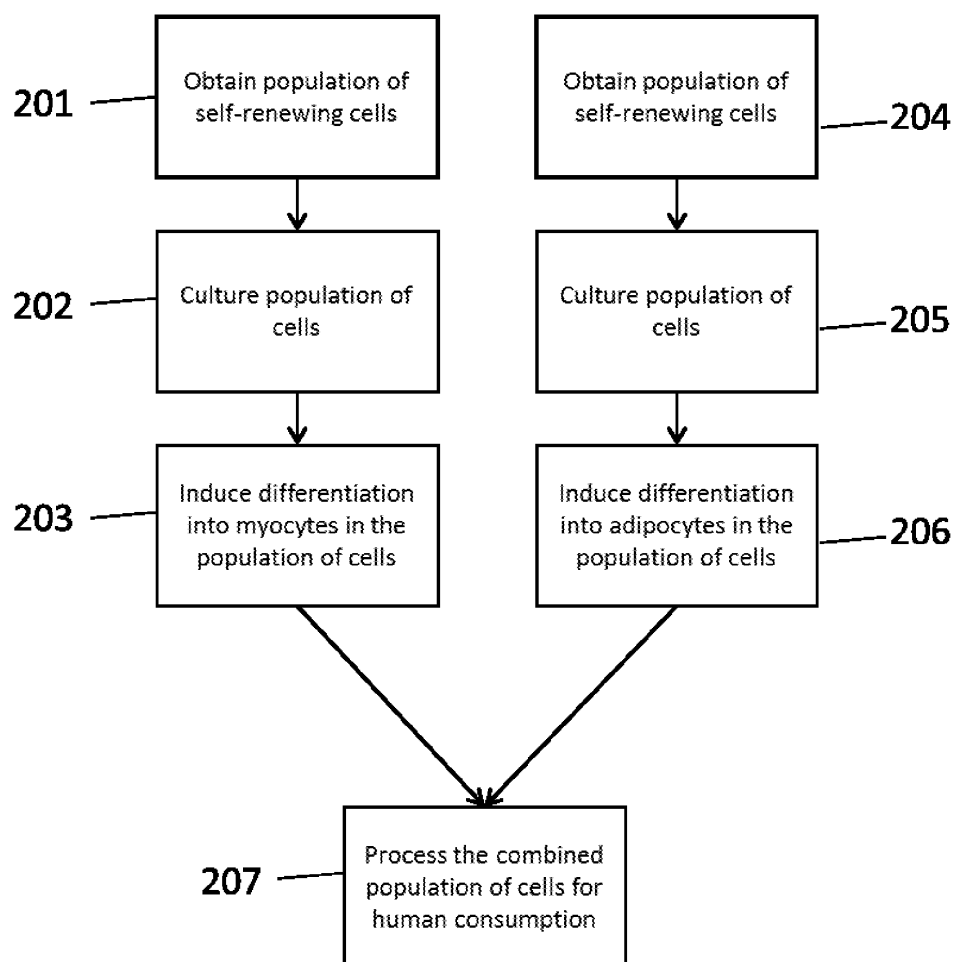
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FIG. 1



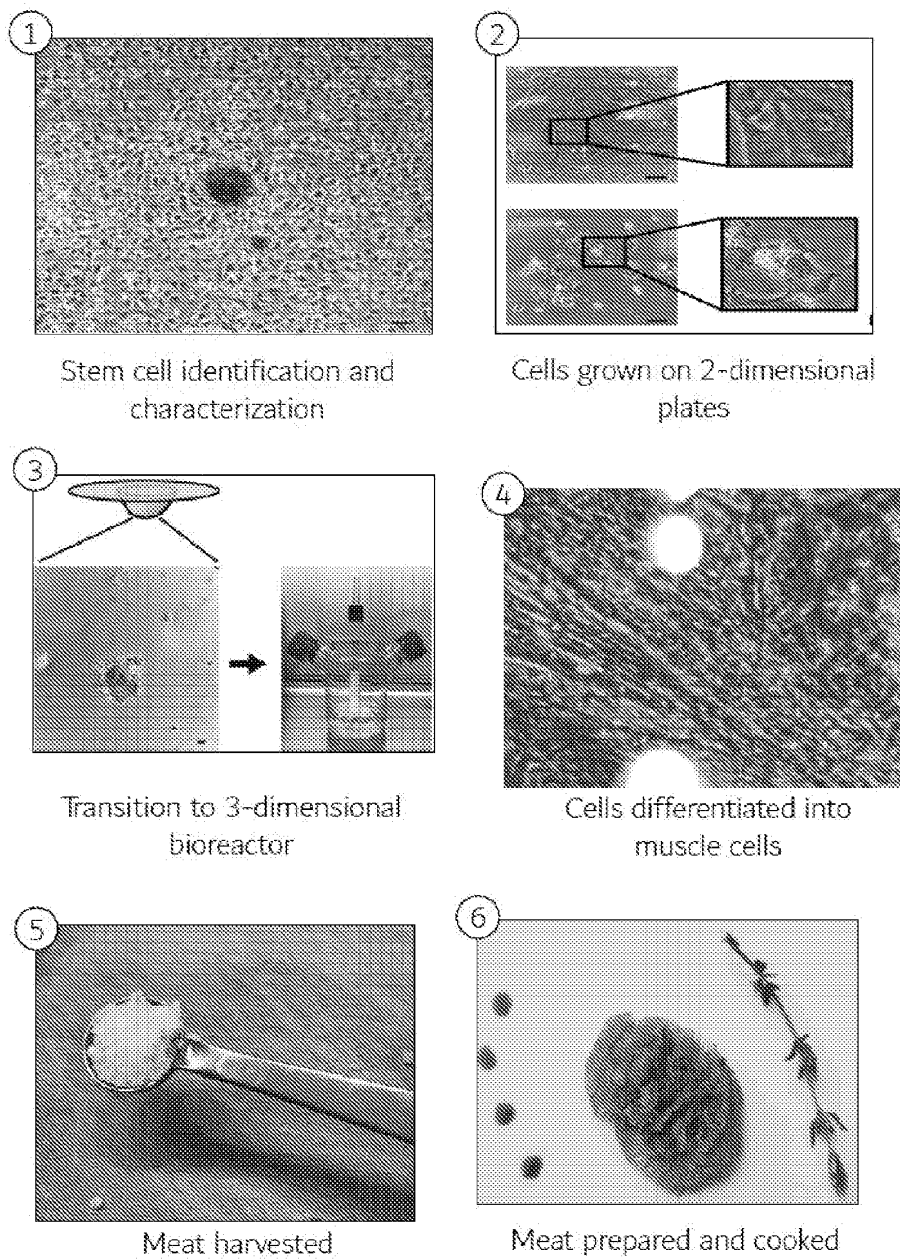
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FIG. 2



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FIG. 3



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FIG. 4A

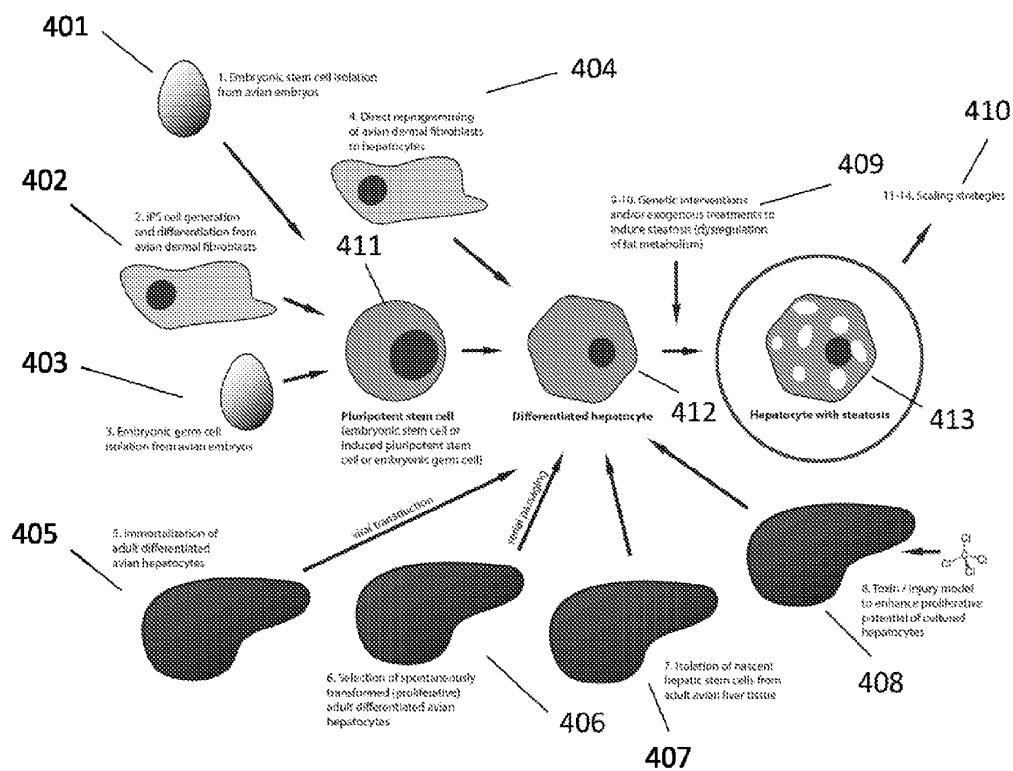
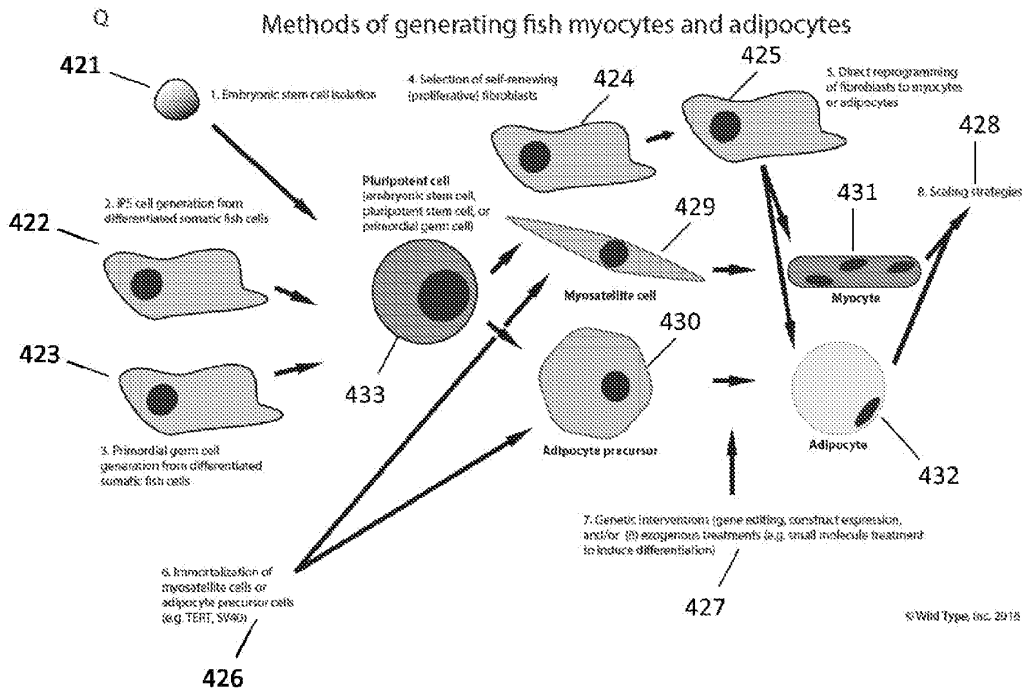


FIG. 4B



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FIG. 5A

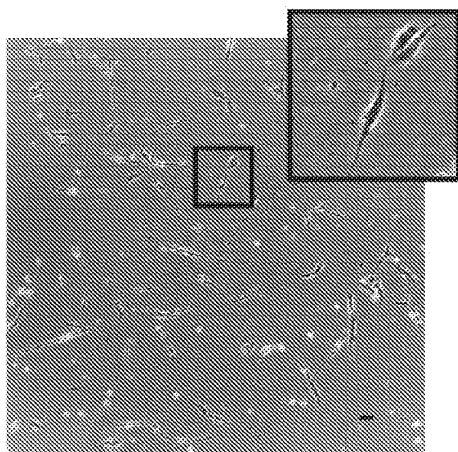


FIG. 5B

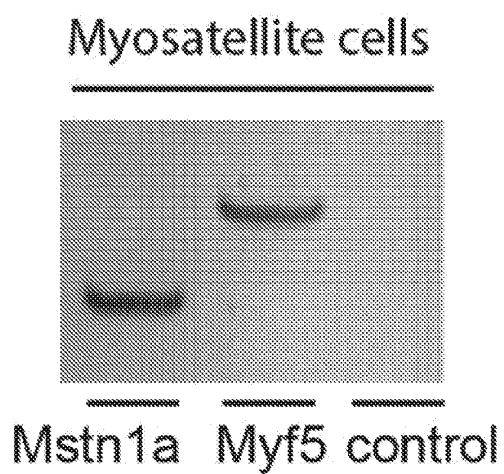


FIG. 5C

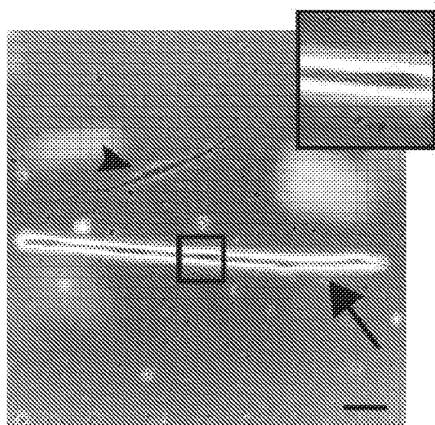
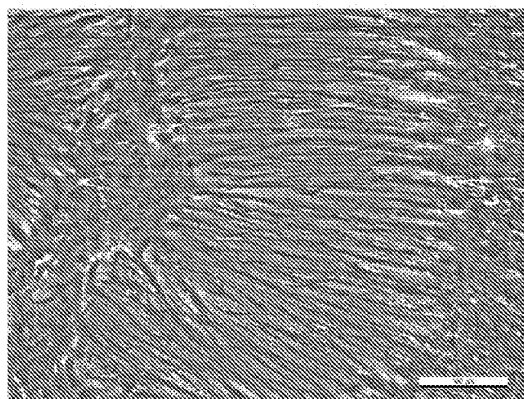


FIG. 5D



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FIG. 6A

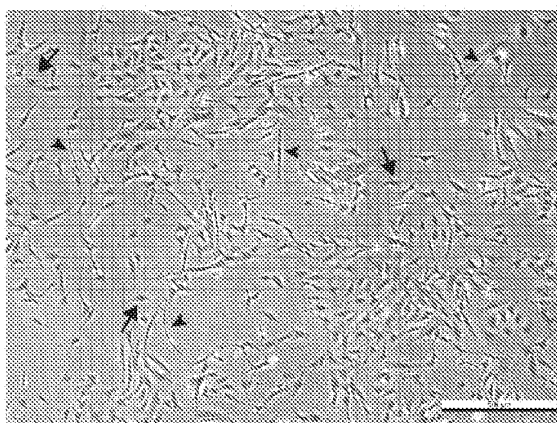


FIG. 6B

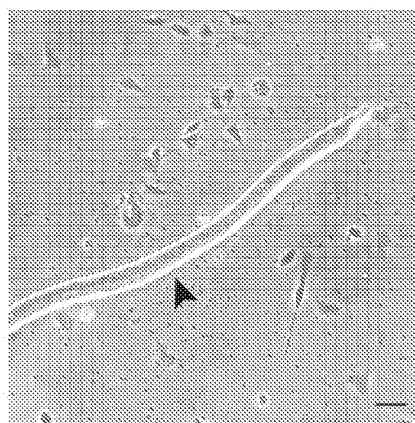


FIG. 7A

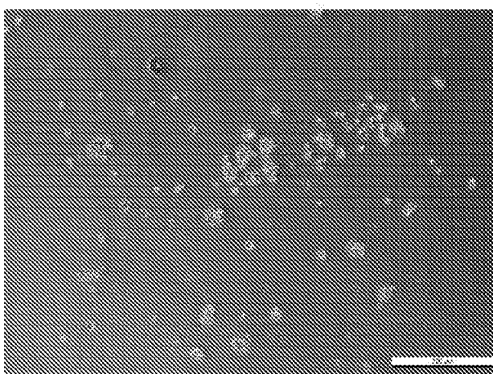
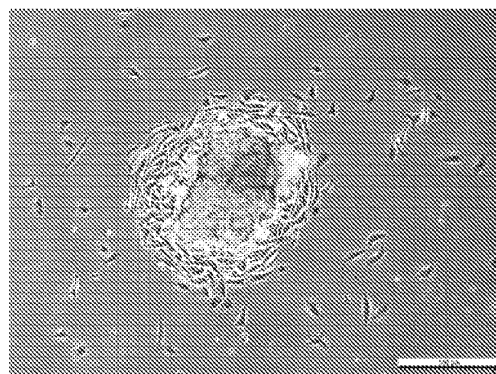


FIG. 7B



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FIG. 8

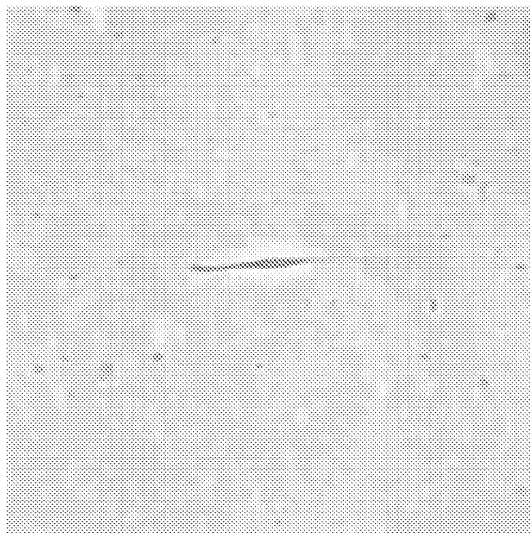


FIG. 9

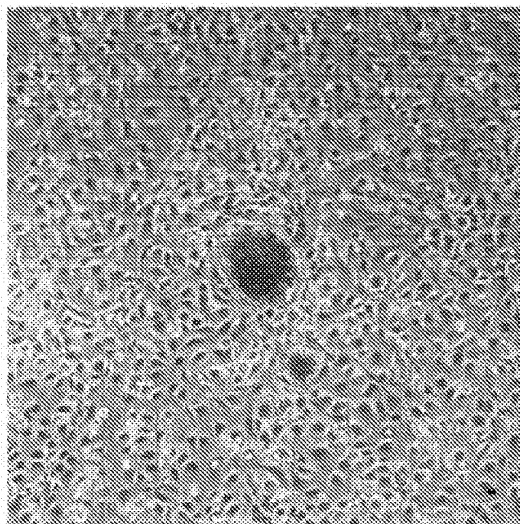


FIG. 10A

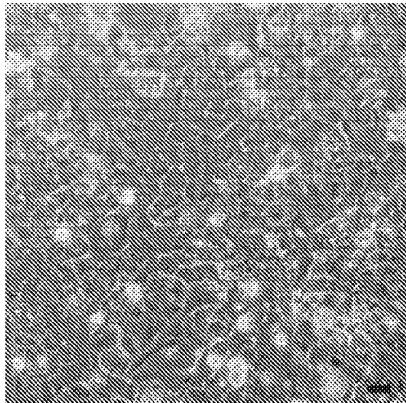


FIG. 10B

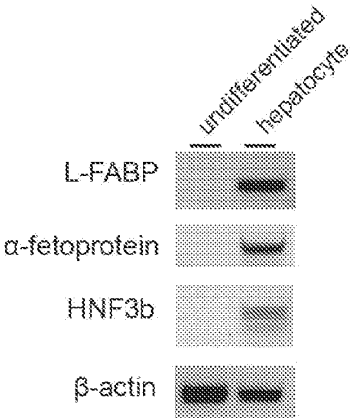


FIG. 11A

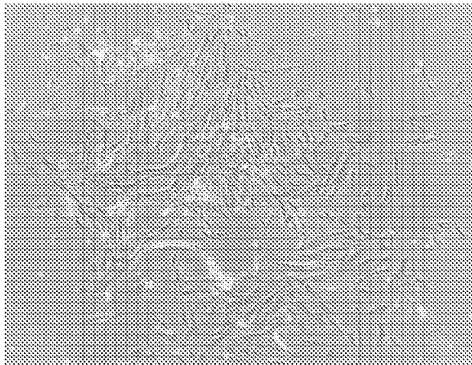
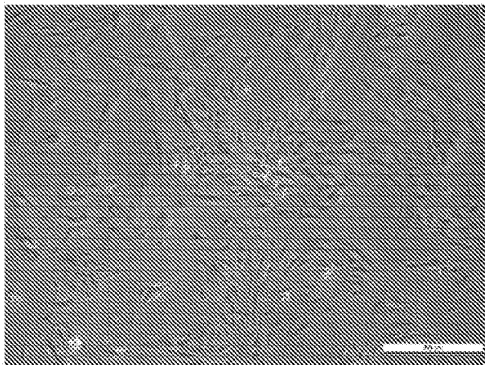


FIG. 11B



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FIG. 12

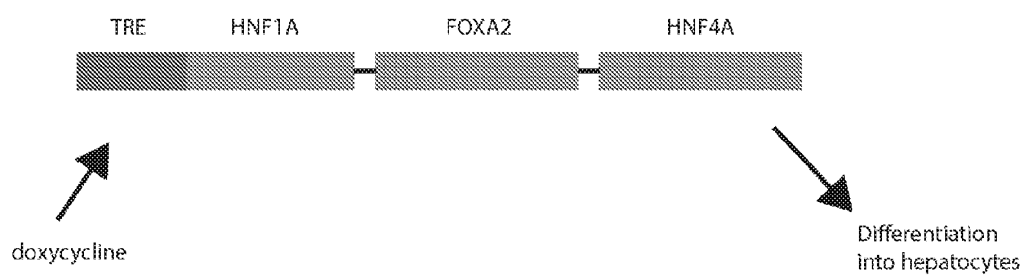
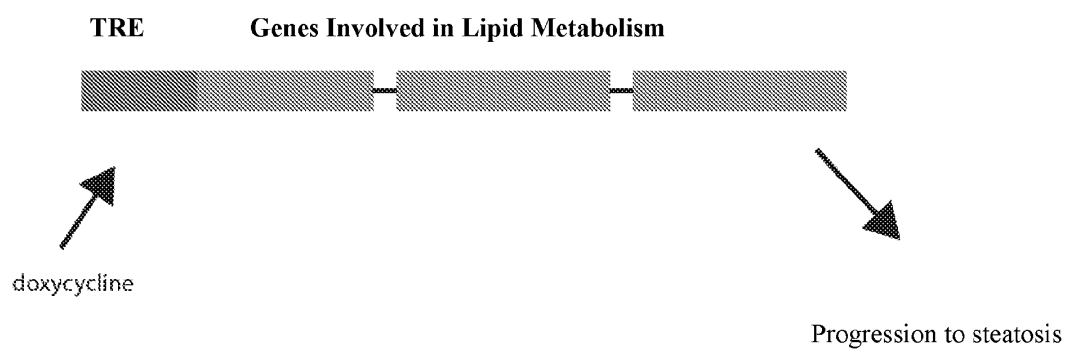


FIG. 13



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FIG. 14

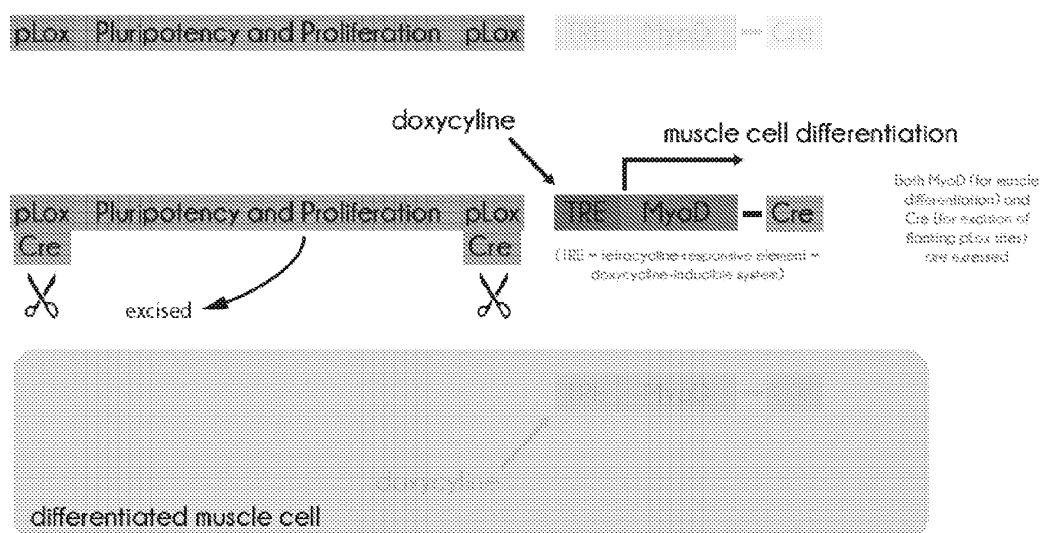
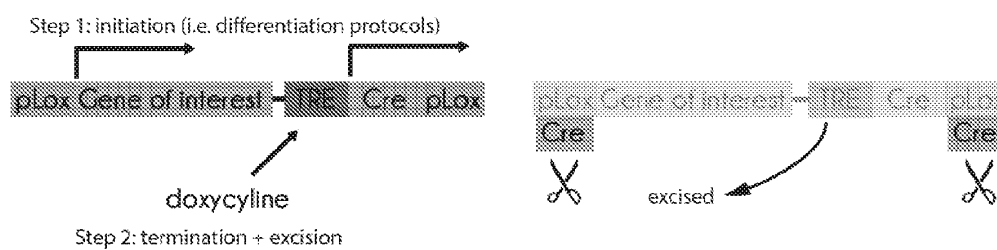


FIG. 15



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FIG. 16A

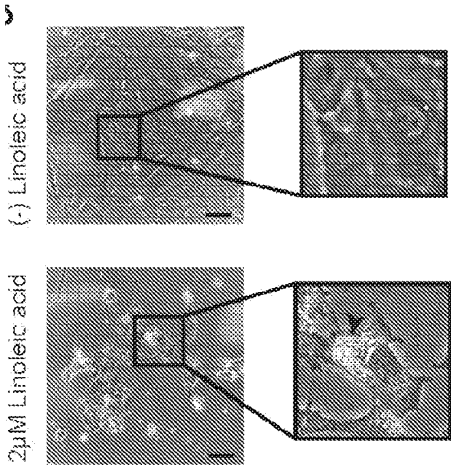


FIG. 16B

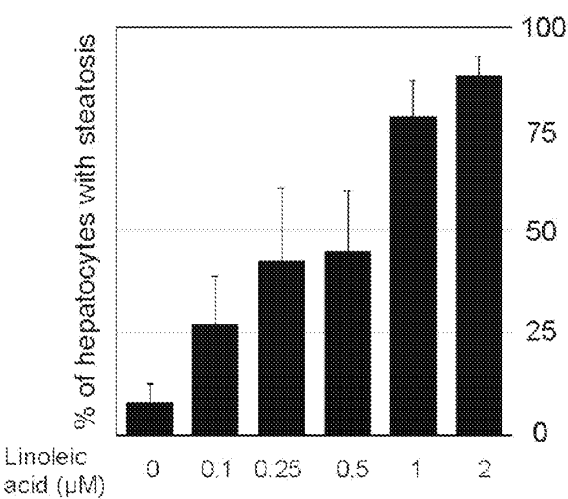
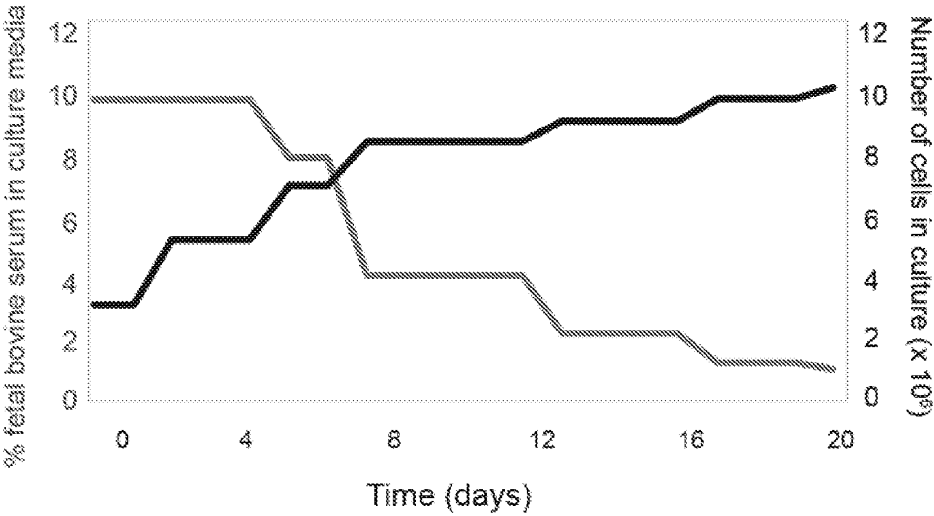


FIG. 17



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FIG. 18

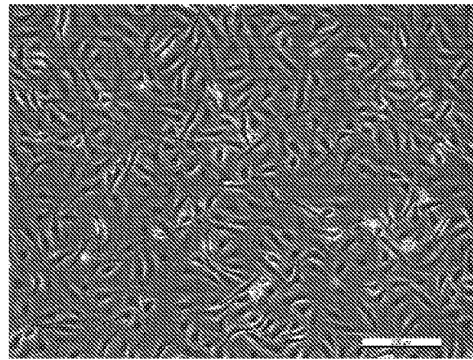


FIG. 19A

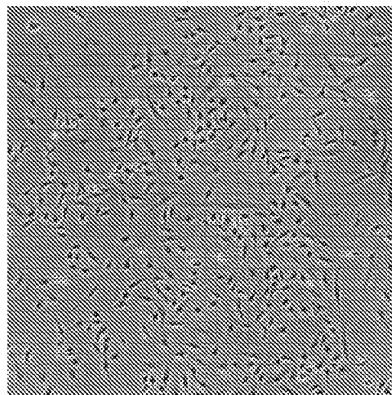


FIG. 19B

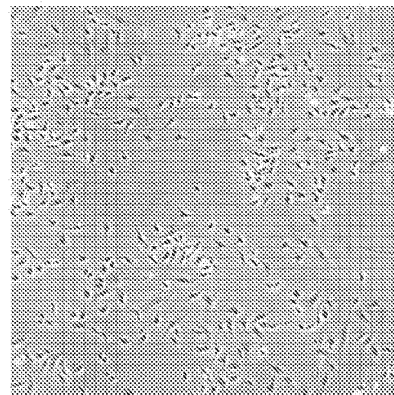
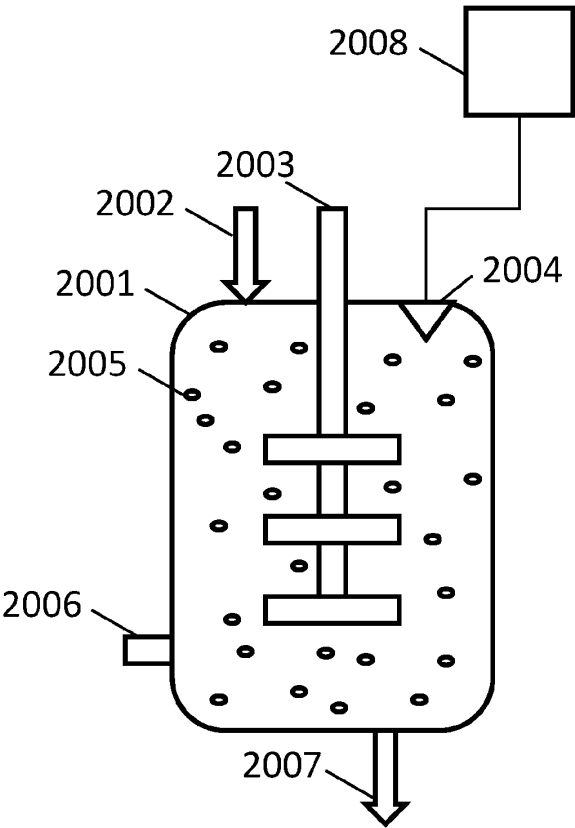
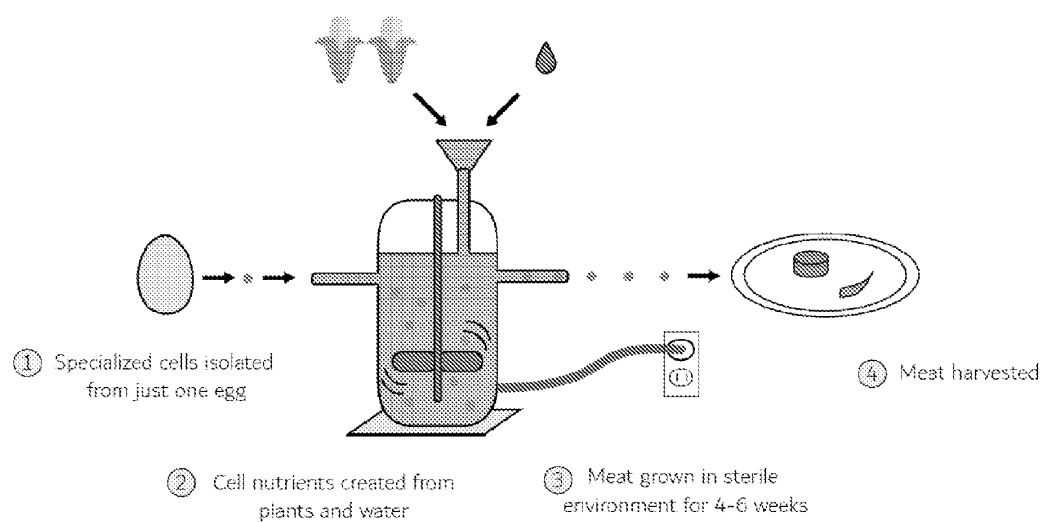


FIG. 20



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FIG. 21



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FIG. 22A

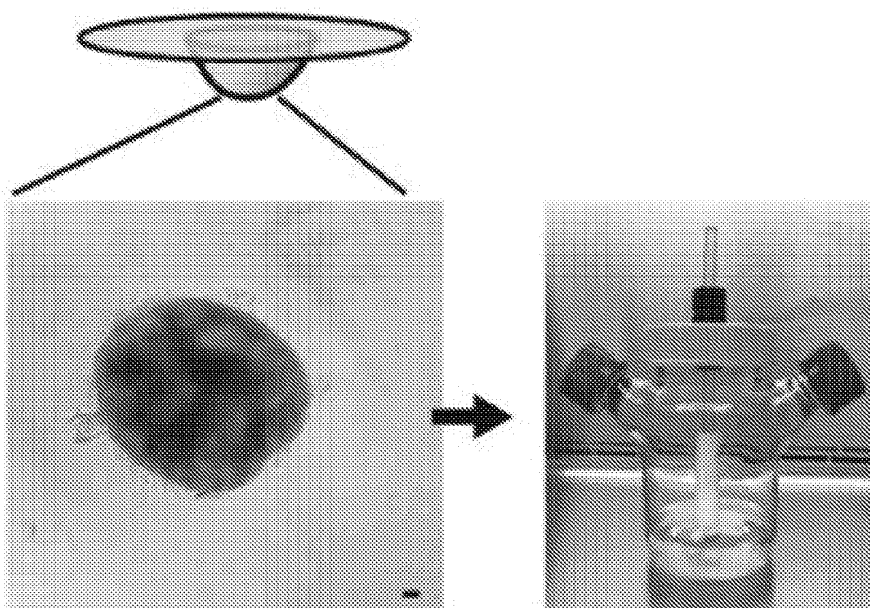
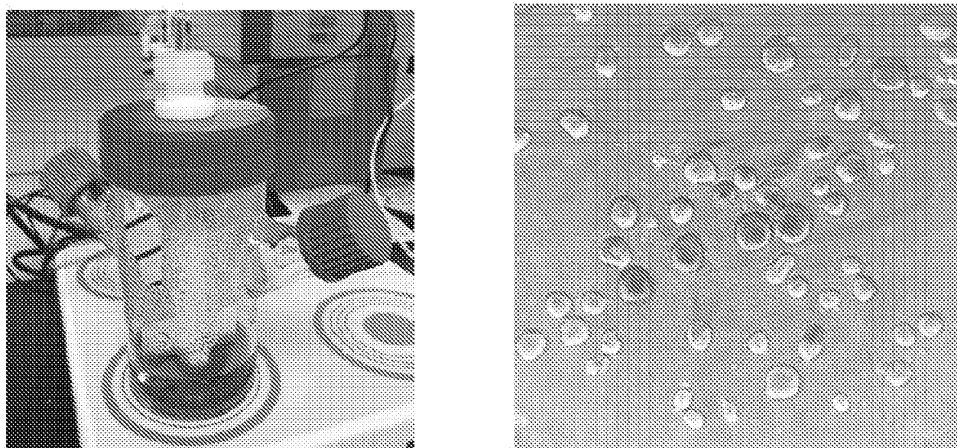
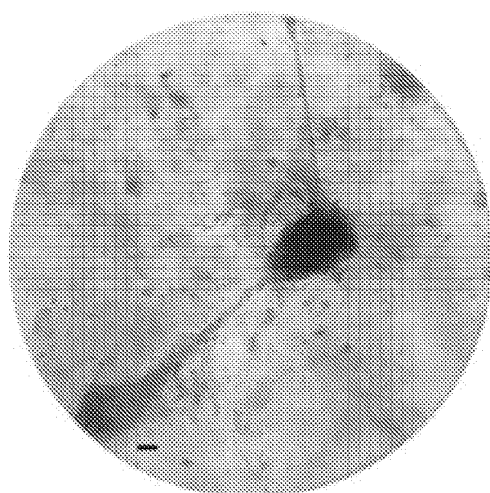


FIG. 22B



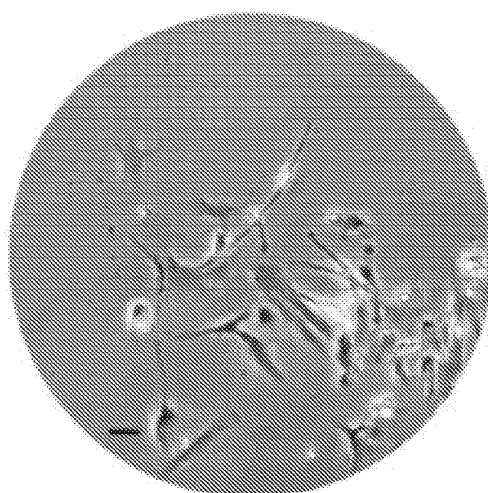
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FIG. 23A



A

FIG. 23B



B

FIG. 24A

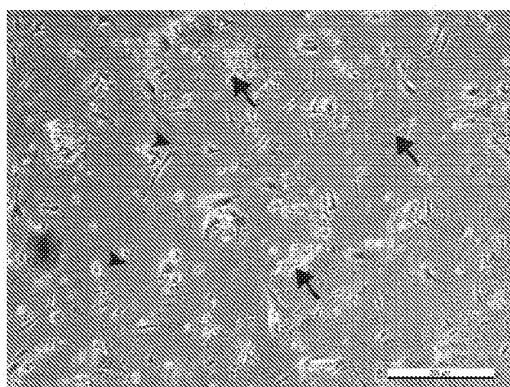
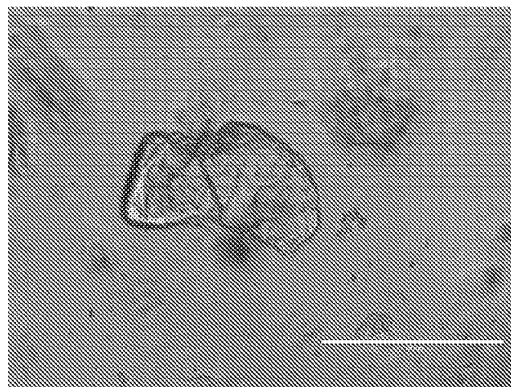
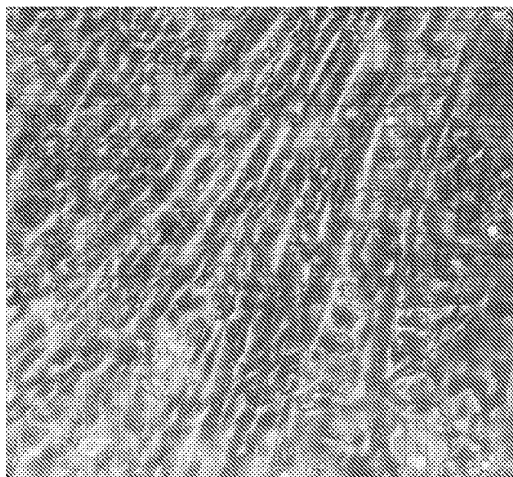


FIG. 24B



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FIG. 25

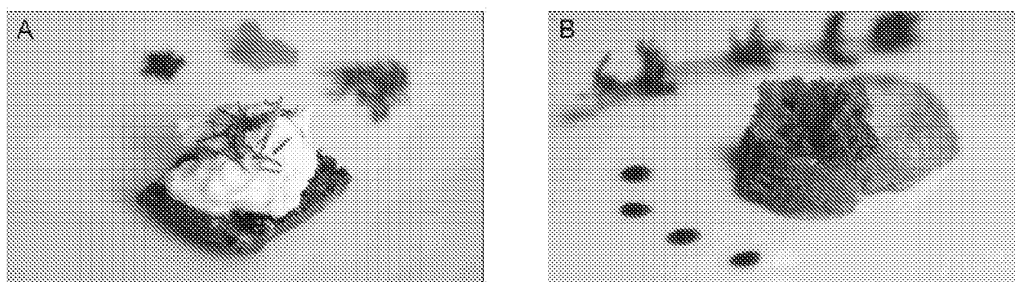


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FIG. 26



FIG. 27



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FIG. 28A

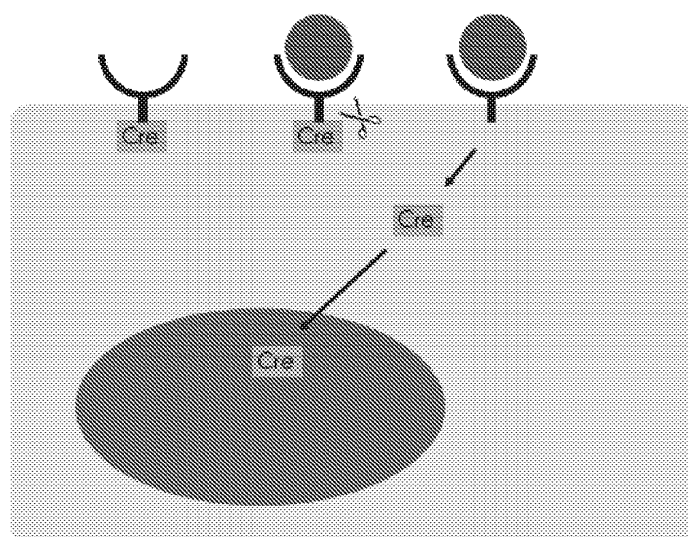


FIG. 28B

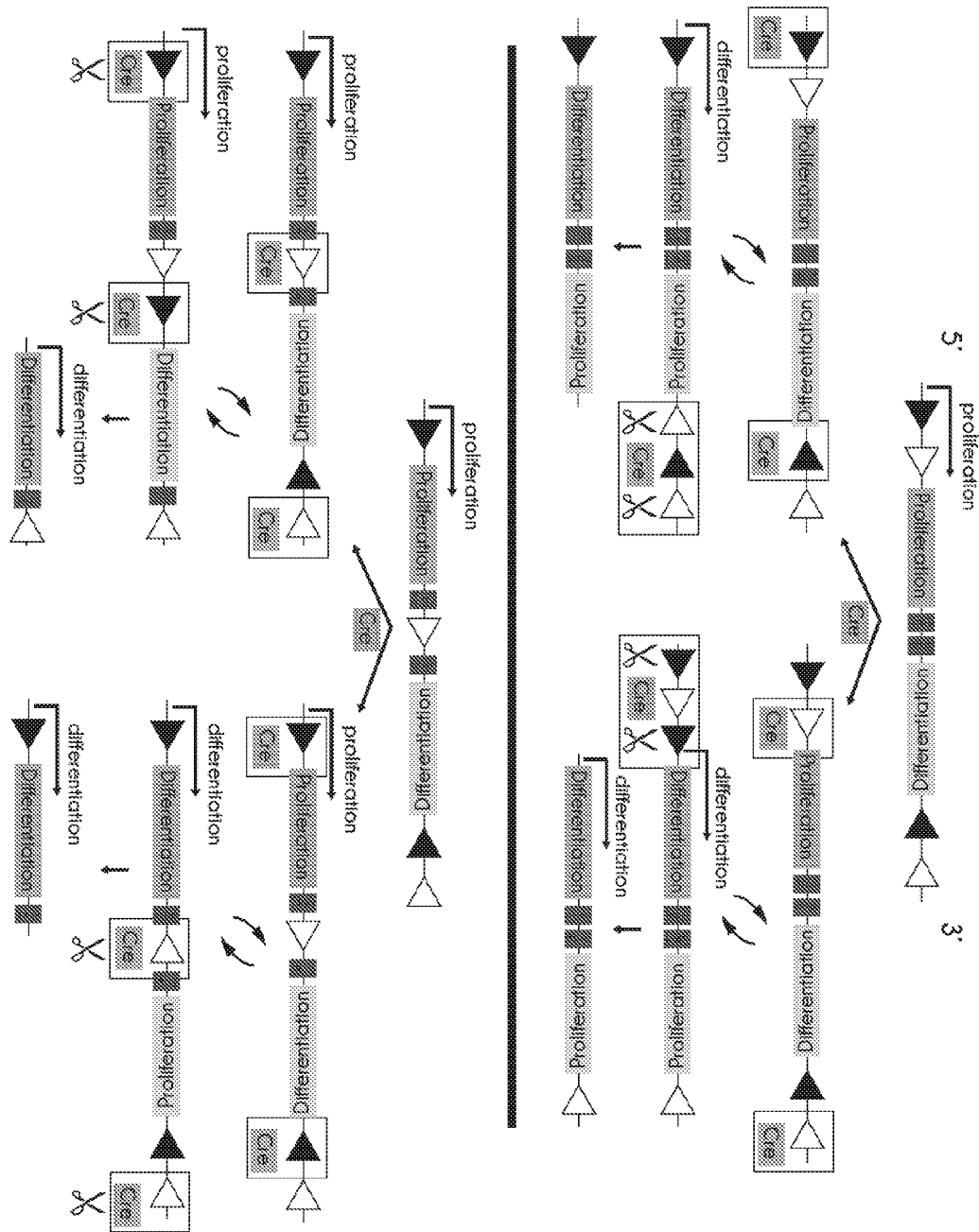
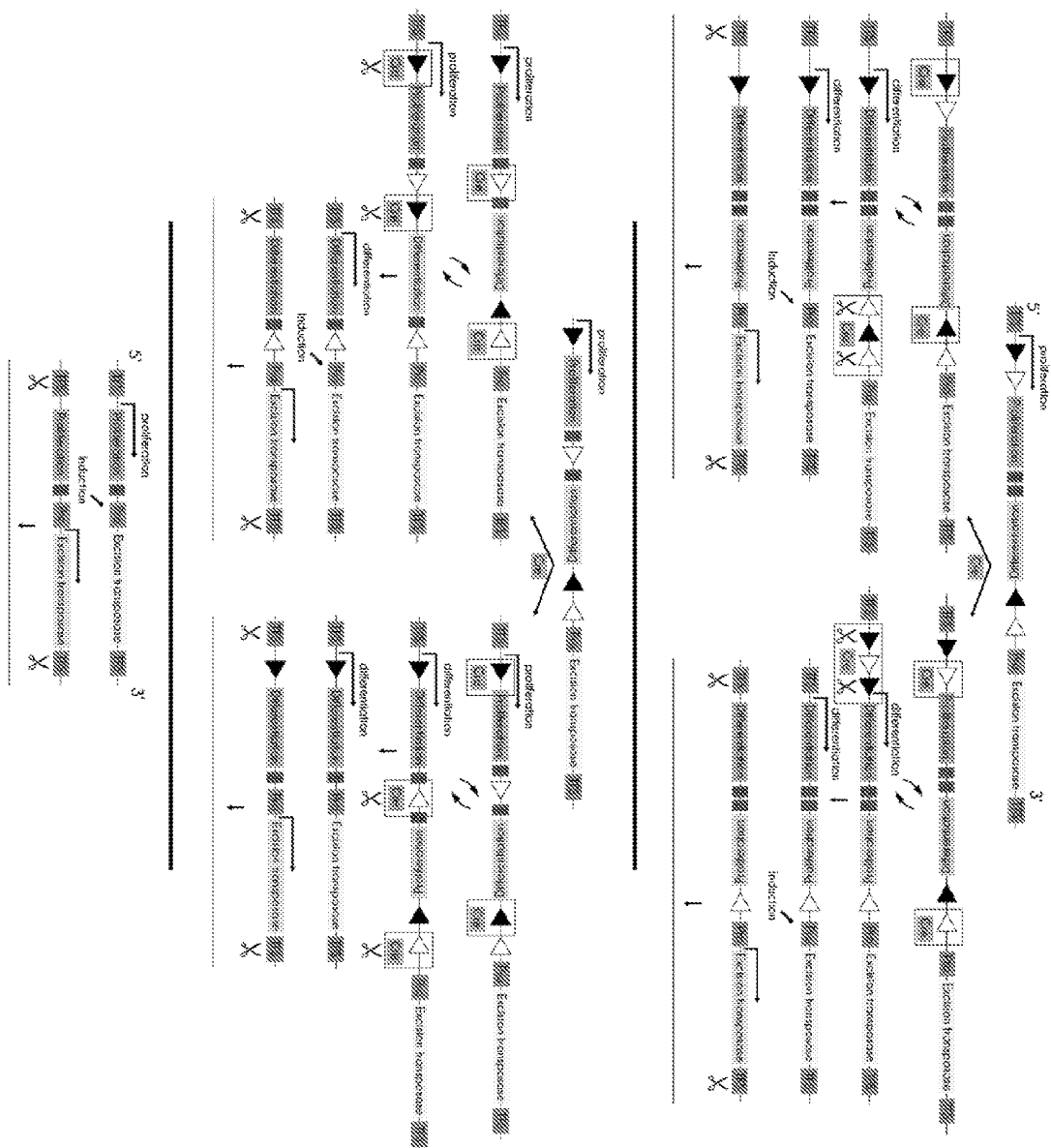
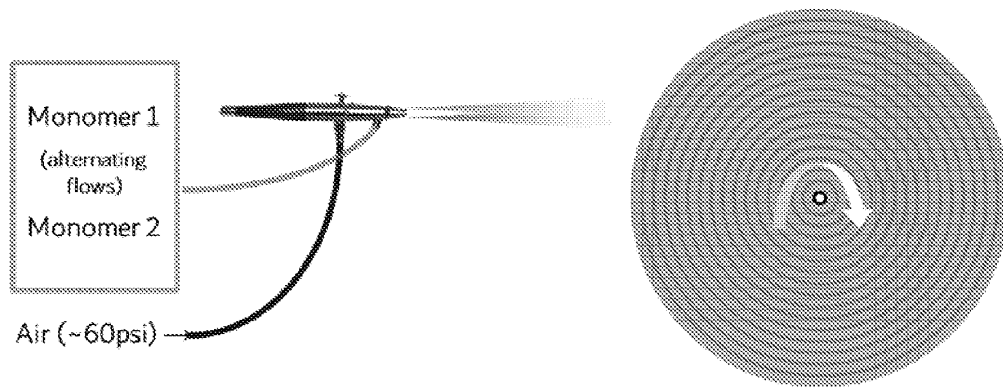


FIG. 29



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FIG. 30



- Monomer 1 - Aligned Nanofibers simulate muscle in cell signaling and Taste
- Monomer 2 - Lipid Layers simulates adipose banding patterns in look and Taste
 - * Cells may be added to monomer during spinning

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FIG. 31

