FIG. 1

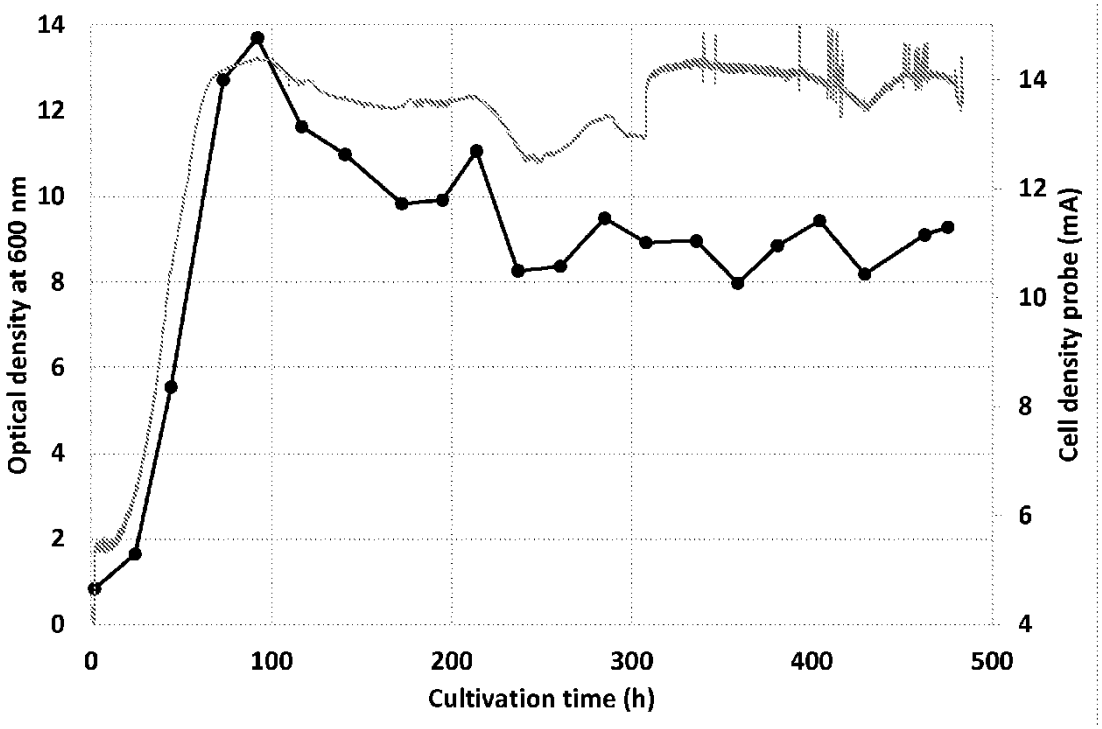
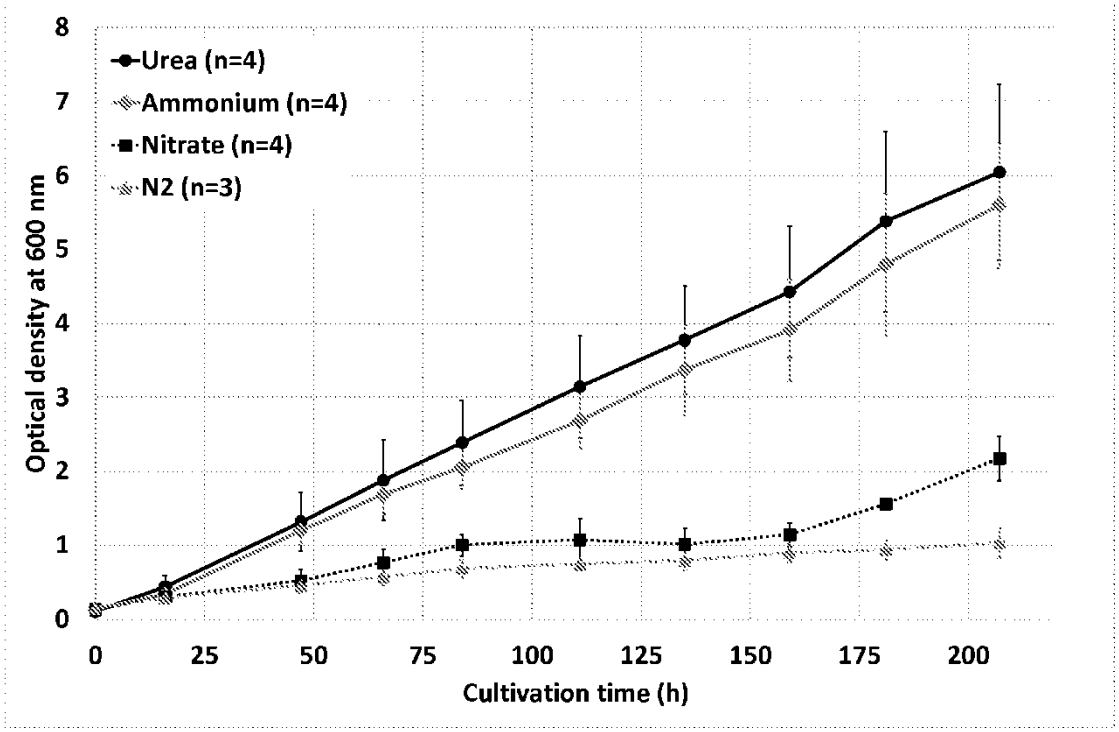

Optical density at 600 nm
Cell density probe (mA)
Cultivation time (h)
0
2
4
6
8
10
12
14
0
100
200
300
400
500
4
6
8
10
12
14

FIG. 2


Urea (n=4)
Ammonium (n=4)
Nitrate (n=4)
N2 (n=3)
Optical density at 600 nm
Cultivation time (h)
0
1
2
3
4
5
6
7
8
0
25
50
75
100
125
150
175
200