Caption:   
Neuronal marker expression in CbCln3+/+ cells Characterization of CbCln3+/+ cells by immunofluorescence with marker antibodies is shown. CbCln3+/+ precursors exhibit nestin expression (a) but not GFAP expression (b), consistent with a neuronal precursor identity. Upon stimulation with a differentiation cocktail (see Methods), CbCln3+/+ cells achieved neuron-like morphology, with rounded cell bodies and extension of processes, and MAP2 (c) and NeuN (d) expression was increased. CbCln3+/+ cells are negative for the Purkinje neuron marker calbindin (e). CbCln3+/Δex7/8 and CbCln3Δex7/8/Δex7/8 cell lines exhibited identical marker immunofluorescence results. a, b) 20 × magnification; c, d, e) 40 × magnification.

Question: What happens to CbCln3+/+ cells upon stimulation with a differentiation cocktail?   
   
A: They become astrocytes   
B: They become oligodendrocytes   
C: They acquire neuron-like morphology and increase in MAP2 and NeuN expression   
D: They decrease in MAP2 and NeuN expression

Answer: C: They acquire neuron-like morphology and increase in MAP2 and NeuN expression