Heart Development

http://www.wikipathways.org/index.php/Pathway:WP1591
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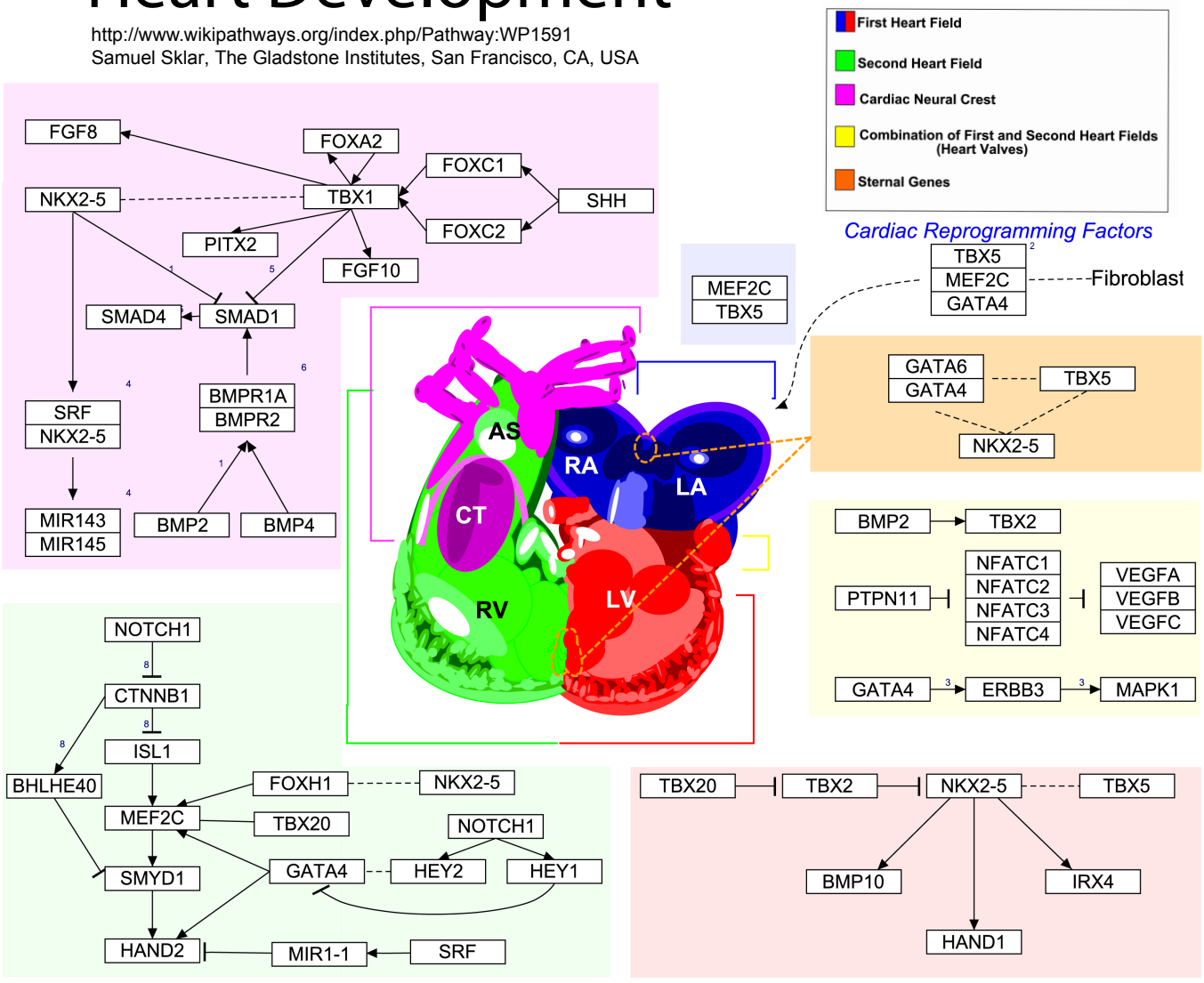

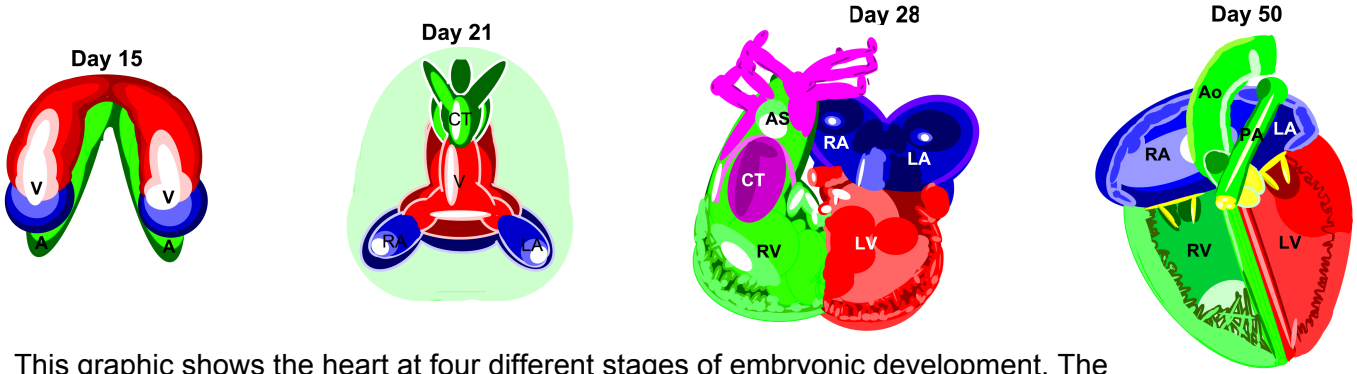

This graphic shows the heart at four different stages of embryonic development. The different colors signify origin cells of final cardiac structures and cardiac cell types. The red and blue regions are both primary heart field cells however the red regions become the left ventricle and the blue regions become the atria. The green regions are second heart field cells that become the right ventricle and the base of the aorta. The purple regionssignify the cardiac neural crest cells that become the aorta and outflow tract. Yellow regions signify the combination of the primary and secondary heart fields that becomes the heart's valves. Finally the orange shows the regions where some primary heart field cells are used to create sternal walls to separate the left and right, atria and ventricles.

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