Review of: "Is gastrulation the most important time in your life?"

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The author briefly summarized the evolvement of our understanding on gastrulation in an interesting way, and discussed neuromesoderm to challenge existing concepts. I agree with the author's perspective that there are still quite some unknown about embryo development. As a matter of fact, based on the studies of pluripotent stem cells, e.g., embryonic stem cells, a equivalent of in vivo epiblast, early cell lineages are still very plastic. The cells sometimes do not have to go through the natural developmental stages to differentiate into certain tissues cells. These cells can even be readily converted back to cell fates of earlier developmental stages. As we conduct more experiments, we may realize that cells, e.g., mesoderm, have more diverse sources than the views in the classical text books. To make this article more comprehensive, the authors could discuss more along this path.