

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

Michel Puceat¹

¹ French Institute of Health and Medical Research

Potential competing interests: No potential competing interests to declare.

Dr Linde wrote a editorial like review about gastrulation. Her point of view is interesting and add to to the debate about the true role of gastrulation in the development of te early embryo. However, her text which starts by a definition of Gastrulation as thought by Haeckel in the nineteen century, mostly referred to very recent publications. the concept of mesectoderm with common progenitors contributing to both extoderm and mesoerm has been proposed in 1960's and 1970's by a few development biologists including Nicole Le Douarin. a little later Jean -Francois Nicolas lab at Pasteur Institute (Paris) using retrospective clonal analysis also concluded about the existence of mesectodermal cells. the author should quote a few of these seminal papers . Patrick PI Tam also wrote seminal reports about gastrulation. One of his review could at least be quoted and discussed .

The authors should also consider to write a short paragraph about embryonic stem cells engineered gastruloïds and what this cell model could bring to the whole field of Gastrulation research