

SYMPOSIUM TO CELEBRATE

70 YEARS

OF VICTOR HAMBURGER AND HOWARD HAMILTON'S

A SERIES OF NORMAL STAGES IN THE DEVELOPMENT OF THE CHICK EMBRYO

Speakers:

- **Drew Noden, Cornell University**
- **Cheryll Tickle, University of Bath**

"A series of normal stages in the development of the chick embryo", published in 1951 by Viktor Hamburger and Howard Hamilton, whilst not the only staging system for chicken embryos, firmly established the chicken as a major model in cell and developmental biology. The chicken model was instrumental for the discovery of neural crest cells as a major cell type for skull development and peripheral nervous system, the discovery of the segmented structure of the brainstem, the discovery of complex signalling pathways that control the formation of limbs, and the discovery of a periodic clock that sets the stage for the reiterated formation of vertebrae, to name just a few. 70 years of the HH (Hamburger-Hamilton) staging system is a great opportunity to celebrate the history of the chicken model and how it shaped the careers of many researchers. In this half-day symposium our two speakers will share their stories of how decades of using the chicken model have shaped our understanding of embryonic development – including working with Victor Hamburger.

Online on Thursday 9 September 2021, 3 pm BST

(4 pm CEST, 10 am EDT, 7 am PDT, 11 pm JST)

Free registration on:

https://symposium_70years_hh_stages.eventbrite.com

Organisers:

Susanne Dietrich and Frank Schubert
University of Portsmouth, UK



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