

PUBLICATIONS

- Hein, H., Scholtz, G. (2018) Larval neurogenesis in the copepod *Tigriopus californicus* (Tetraconata, Multicrustacea). *Development Genes and Evolution*
- Hein H (2013) Functional analysis of transcription factors with a role in chondrogenic and osteogenic differentiation using ChIP-seq (*Dissertation*). *Freie Universität Berlin*.
- Ott CE, Hein H, Lohan S, et al (2012) Microduplications upstream of MSX2 are associated with a phenocopy of cleidocranial dysplasia. *J Med Genetics*
- Posnien N, Koniszewski NDB, Hein HJ, Bucher G (2011) Candidate gene screen in the red flour beetle *Tribolium* reveals six3 as ancient regulator of anterior median head and central complex development. *PLoS Genetics*

TALKS

- Hein HJ, Scholtz G: "Studies on the early neurogenesis of *Tigriopus californicus* (Copepoda, Harpacticoida)" *Crustaceologen-Tagung. Bremerhaven 2015*
- Hein HJ, Scholtz G: "Evolution of the nauplius larva within copepods – comparison of larval muscle anatomy" *Crustaceologen-Tagung. Berlin 2017*

POSTER

- Smyth S, Hein HJ and Scholtz, G: "Analysis of Engrailed-like Expression in Larval Development of *Tigriopus californicus* (Copepoda, Harpacticoida)" *Crustaceologen-Tagung. Berlin 2017*
- Hein, HJ and Scholtz, G: "Investigating early neurogenesis in the harpacticoid copepod *Tigriopus californicus* (Baker, 1915)" *ICIM3 – Third International conference of invertebrate morphology. Berlin 2014*
- Hein HJ, Scheuer T, Hansen P, Stiege A, Janetzki C, Leschik G, Rödelsperger C, Robinson PN, Mundlos S and Hecht J: "Refining the Gene Regulatory Network of Osteoblast Differentiation in Vertebrate Skeletogenesis." *EVONET conference "Evolution of Gene Regulatory Network in Animal development". Vienna, 2013*
- Hein, HJ, Hecht J, Rödelsperger C, Stiege A, Timmermann B, Krawitz P, Robinson PN, Mundlos S: "Genome-Wide Analysis of Targets Regulated by the Osteogenic Transcription Factor Runx2 in Skeletal Development" *MPI for Molecular Genetics. Day of Science, Berlin 2011*