

Accepted Manuscript

Theoretical modeling of pre and postnatal growth

Marcin Molski

PII: S0022-5193(18)30432-6
DOI: <https://doi.org/10.1016/j.jtbi.2018.09.002>
Reference: YJTBI 9609

To appear in: *Journal of Theoretical Biology*

Received date: 19 July 2018
Accepted date: 3 September 2018

Please cite this article as: Marcin Molski , Theoretical modeling of pre and postnatal growth, *Journal of Theoretical Biology* (2018), doi: <https://doi.org/10.1016/j.jtbi.2018.09.002>



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- The von Bertalanffy model describes animal growth from conception up to maturity.
- The growth function evaluated for the postnatal data reproduces the prenatal development.
- The possibility of estimation of the weights of eggs, embryos, larvae, juvenile fish and fetuses.
- The model reproduces the experimental values of gestation (incubation) periods.
- The sources of the fit instability reported for the von Bertalanffy function are identified.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/10223720>

Download Persian Version:

<https://daneshyari.com/article/10223720>

[Daneshyari.com](https://daneshyari.com)