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**Metabolic programming in juveniles of the whiteleg shrimp (*Litopenaeus vannamei*)  
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**Abstract**

In this study, the concept of metabolic programming has been tested for the first time in whiteleg shrimp (*L. vannamei*). Shrimp were raised under a 70% feed restriction during the post-larval stage over three days and compared to a control group. After 46 days, shrimp were challenged with 3 diets showing different nitrogen free-extract: crude protein ratios

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