

## Akumulasi Cu dan perkembangan Nephrocyte pada insang udang *Penaeus japonicus*

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### Abstrak

"Copper accumulation and development of nephrocyte in the gill of the shrimp *Penaeus japonicus*.

The effect of sublethal concentrations of copper on the gills copper accumulation and the development of nephrocytes has been studied in juvenile *Penaeus japonicus*. The copper concentration increased in the gills according to the external copper concentration and the exposure time. The high development of nephrocytes was occurred in the gills of shrimps exposed to 100 ug Cu L<sup>-1</sup>. In the gills of shrimps exposed to 500 and 1000 ug Cu L<sup>-1</sup>. The size of nephrocyte was bigger than that of the controls.

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