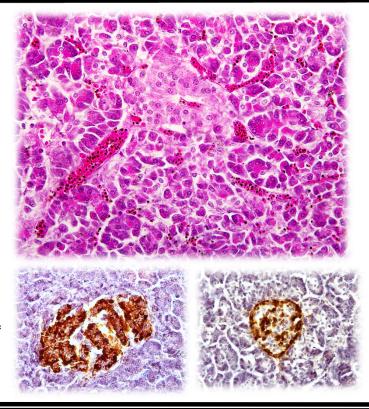


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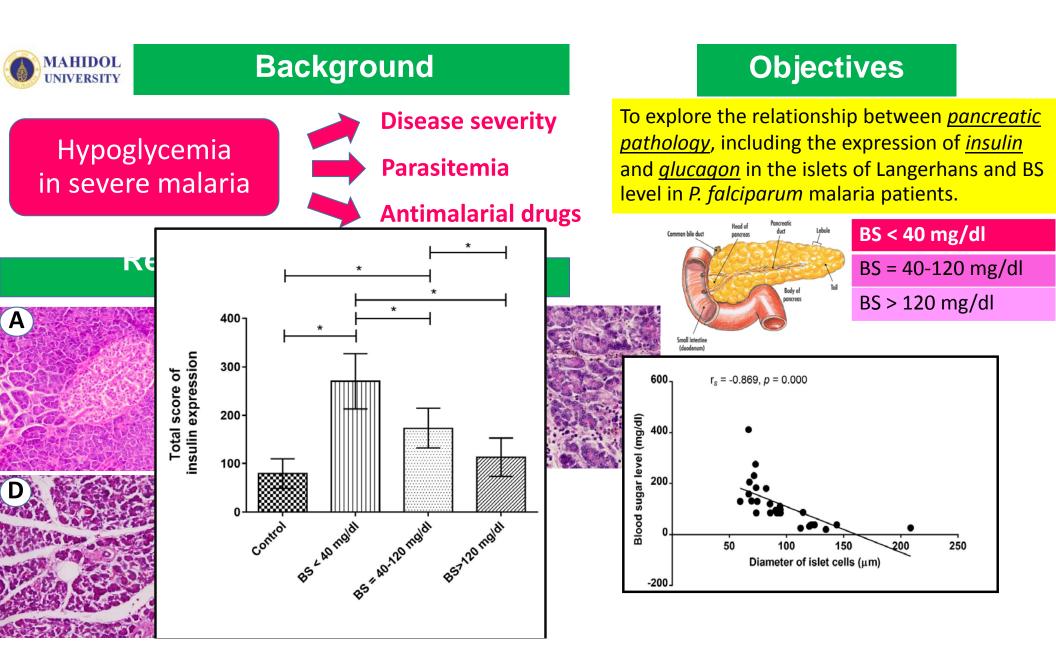
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Exploring Pancreatic Pathology In Severe *Plasmodium falciparum* Malaria

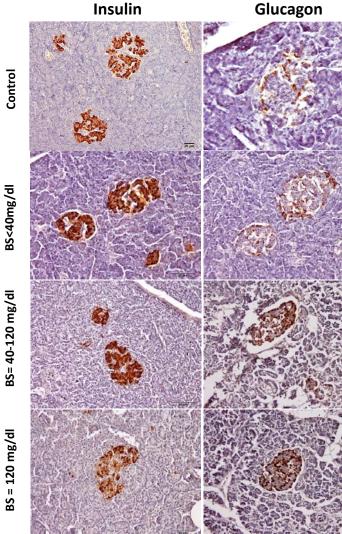
Supattra Glaharn¹, Chuchard Punsawad^{2,3}, Parnpen Viriyavejakul^{1,*}



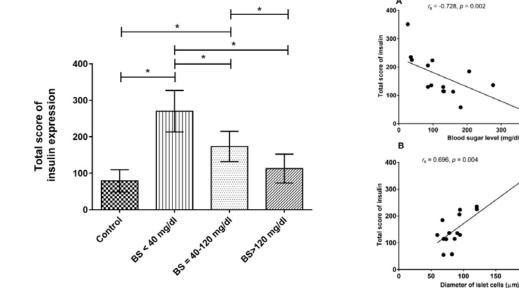
¹Department of Tropical Pathology, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand; ²School of Medicine, Walailak University, Nakhon Si Thammarat, Thailand; ³Tropical Diseases and Parasitic Infectious Diseases Research Group, Walailak University, Nakhon Si Thammarat, Thailand



Results & discussion: Immunohistochemistry



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- An increase in insulin expression & islet cell size in patients with severe malaria could be a *cause* of hypoglycemia in malaria infection.
- IL-1, IL-6 released during malaria infection billing islet cell hyperplasia \longrightarrow enlargement of islet cells \longrightarrow insulin expression
 - \succ The findings will be *useful* in monitoring patients:
 - reduce the loss of pancreatic function &
 - prevent hypoglycemia in patients with severe P. falciparum malaria.



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