

DATE: Day ____ Month ____ Year 2017

**SUMMARY of
2016 RESEARCH RESULTS REPORT
For International Collaborative Research with IPR, Osaka University**

Research Title		Strucutral characterization of VP37 protein from wwhite-spot syndrome virus (wssv)
Applicant	Name	Pongsak Khunrae
	Affiliation	Department of Microbiology, King Mongkut's University of Technology Thonburi
	Present Title	Dr.
Research Collaborator (Host PI)		Atsushi Nakagawa
<p>Summary</p> <p>We could successfully obtain the crystal structure of the C-domain of VP37. According to the crystal structure, C-domain of VP37 is seen to contain two putative sulphate-binding sites. Possibly in the future, to investigate the involvement of the putative sulphate-binding sites in the biding of VP37 to HS, several VP37 mutants whose sulphate-binding site is disrupted should be produced and evaluate their binding affinity to HS in comparison to the wild-type VP37.</p>		

***Deadline: May 1, 2017**

***Please submit it to E-mail: tanpakuken-kyoten@office.osaka-u.ac.jp.**

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***Please describe this summary within 1 sheet. Please DON'T add some sheets.**

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