## No. 1 西 晋之介(広島大学)

Quantitative detection of piscine nodavirus in fish-rearing seawater

#### No. 2 Indah Istiqomah (広島大学)

 $\label{thm:continuous} \mbox{Vaccine development for a typical $\it Edward siella tarda$ in fection in red seabream $\it Pagrus major$$ 

#### No. 3 How Kah Hui (東京大学)

Dynamics and distribution properties of theronts of parasitic ciliate Cryptocaryon irritans causing marine white spot disease in aquaria

#### No. 4 松浦 雄太(日本大学)

Exploring the serine protease involved in cell-mediated immunity in fish using synthetic substrates

## No. 5 深野 華子 (日本獣医生命科学大学)

Characterization of a rapidly growing nontuberculous mycobacteria isolated from farmed thread-sail filefish *Stephanolepis cirrhifer* in Japan.

## No. 6 小松 真未 (日本大学)

Identification of genes induced by double-strand RNA in kuruma shrimp Marsupenaeus japonicas hemocytes.

## No. 7 野知里 優希 (東京海洋大学)

Identification of an insertion sequence related to deletion/insertion of the potent toxin genes of acute hepatopancreatic necrosis disease (AHPND) in *Vibrio parahaemolyticus* 

# No. 8 Sasiwipa Tinwongger(東京海洋大学)

Characterization of virulanece factor of AHPND *Vibrio parahaemolyticus* which is the causative agent of shrimp disease

## No. 9 竹内 久登(日本大学)

Epidemiological survey of pathogenic bacteria among ayu and other feral fishes in a river