

Schedule At A Glance

May 8 th		May 9 th		May 10 th			
		09:00-09:30	Opening Ceremony	09:00-10:20	Plenary Speech		
		09:30-10:00	Tea Break				
		10:00-12:00	Country Update	10:20-10:40	Tea Break		
				10:40-12:00	S1 International Market	S2-1 Fishery Management	S3-1 Aquaculture-Physiology
		12:00-14:00	Lunch	12:00-14:00	Lunch		
14:00-20:30	Registration	14:00-15:20	Plenary Speech	14:00-15:20	IAS General Meeting		
		15:20-15:40	Tea Break	15:20-15:40	Tea Break		
		15:40-17:00	Plenary Speech	15:40-17:00	China Abalone Association General Meeting	S2-2 Fishery Management	S3-2 Aquaculture-Microbiology
18:30-20:30	Welcome Reception	Free Night		18:30-20:30	Special Abalone Feast		

Schedule At A Glance

May 11 th			May 12 th	
09:00-10:20	S4-1 Genetics & Genome	S3-3 Aquaculture- Technology	Field Trip A	Field Trip B
10:20-10:40	Tea Break			
10:40-12:00	S4-2 Genetics & Genome	S5-1 Climate Change Impacts		
12:00-14:00	Lunch			
14:00-15:20	S5-2 Climate Change Impacts	S3-4 Aquaculture- Technology		
15:20-15:40	Tea Break			
15:40-17:00	S3-5 Aquaculture- Microbiology	S3-6 Aquaculture-Nutrition		
17:00-18:00	Workshop: Climate Change and Abalone			
18:30	Gala Dinner			

Detailed Schedule

Tuesday, May 8th

14:00-20:30	Registration
18:30-20:30	Welcome Reception

Wednesday, May 9th

Location	Multiple-function Hall
09:00-09:30	Opening Ceremony
09:30-10:00	Tea Break
10:00-12:00	<p>Plenary Session 1 Chair: Weiwei You Opening Plenary WORLDWIDE ABALONE PRODUCTION STATISTICS- Peter Cook Country updates: STATUS OF THE SOUTH AFRICAN ABALONE INDUSTRY - Peter Britz ABALONE PRODUCTION STATISTICS FROM THE USA - Laura Rogers-Bennett UPDATE OF ABALONE PRODUCTION STATISTICS IN EUROPE - Gercende Courtois de Vicose ABALONE PRODUCTION IN KOREA - Han Kyu Lim UPDATE FROM NEW ZEALAND - Tom McCowan AUSTRALIAN FARMED ABALONE PRODUCTION - Nicholas Savva RECENT TRENDS IN ABALONE PRODUCTION IN MEXICO - Ricardo Searcy-Bernal UPDATE FROM CHILE - Carolina Oliu SUMMARY OF WORLDWIDE ABALONE PRODUCTION- Peter Cook</p>
12:00-14:00	Lunch
14:00-15:20	<p>Plenary session 2 Chair: Ricardo Sercy-Bernal Plenary 1: PROGRESS AND PROSPECT FOR ABALONE RESEARCH AND INDUSTRY IN CHINA Kangsen Mai Plenary2: ABALONE POPULATIONS ON NORTHEASTERN PACIFIC COAST OF JAPAN AFTER THE MEGA-EARTHQUAKE AND MASSIVE TSUNAMI IN 2011 Tomohiko Kawamura</p>
15:20-15:40	Tea Break

15:40-17:00	Plenary session 3 Chair: Peter Britz Plenary 3: CURRENT STATUS OF ABALONE AQUACULTURE IN KOREA Choul-Ji Park Plenary 4: ADAPTING ABALONE FISHERIES, RESTORATION AND AQUACULTURE TO A CHANGING SEA: OCEAN WARMING, ACIDIFICATION, LOW OXYGEN AND HARMFUL ALGAL BLOOMS Laura Rogers-Bennett
17:00-18:00	Poster Presentation

Thursday, May 10th

Location	Multiple-function Hall		
09:00-10:20	Plenary Session 4 Chair: Peter Cook Plenary 5 TURF BASED ABALONE STOCK RESTORATION USING HATCHERY SPAT AND PRIVATE SECURITY PROTECTION IN THE EASTERN CAPE, SOUTH AFRICA Peter Britz Plenary 6 ABALONE RANCHING IN AUSTRALIA: OCEAN GROWN ABALONE LTD. Bradley Adams		
10:20-10:40	Tea Break		
	Multiple-function Hall S1 International Market Chair: Peter Britz	Meeting Room II S2-1 Fishery Management Chair: Tomohiko Kawamura	Meeting Room III S3-1 Aquaculture-Physiology Chair: Ziping Zhang
10:40-11:00	MARKET FACING CERTIFICATION OPTIONS FOR CHINESE ABALONE PRODUCTION SECTORS David Garforth	OVERVIEW OF THE WORLD'S WILD HARVEST ABALONE FISHERIES AND THEIR UTILIZATION OF STOCK ENHANCEMENT Jonas Woolford	WHY ABALONE RESPIRATION MEASURES MAY BE MISLEADING Robert Day

11:00-11:20	ENVIRONMENTAL AND SOCIAL ACCREDITATION OF ABALONE FARMS Peter Cook	HABITAT AVAILABILITY AND SUITABILITY FOR ABALONE RANCHING IN THE EASTERN CAPE, SOUTH AFRICA AND THE EFFECTS OF RANCHING ACTIVITIES ON THE REEF SYSTEMS Andrew Witte	ROLE OF EPITHELIAL BARRIERS IN THE PROTECTION OF MUCOSAL TISSUES Min Li
11:20-11:40	IMPORT & RE-EXPORT STATISTICS BETWEEN SINGAPORE & HONG KONG Seng Wai Wong	SEASONAL VARIATIONS OF PREDATION BY GULL SPECIES ON ABALONE IN OTSUCHI BAY ON THE SANRIKU COAST Jun Hayakawa	METABOLIC EVIDENCE ASSOCIATED WITH FASTER GROWTH OBSERVED IN FARMED <i>HALIOTIS MIDAE</i> Leonie Venter
11:40-12:00	RECENT DEVELOPMENT OF SMALL ABALONE INDUSTRY IN TAIWAN Jin-Chywan GWO	USING DENSITY -BASED FISHERY MANAGEMENT STRATEGIES TO RESPOND TO UNPREDICTABLE EXTREME ENVIRONMENTAL EVENTS Laura Rogers-Bennett	THE TOLERANCE OF ABALONE TO DIFFERENT ENVIRONMENT STRESS INDICATED BY CARDIAC PERFORMANCE Nan Chen
12:00-14:00	Lunch		
Location	Multiple-function Hall		
14:00-15:20	IAS General Meeting		
15:20-15:40	Tea Break		

	Multiple-function Hall	Meeting Room II S2-2:Fishery Management Chair: Bradly Adams	Meeting Room III S3-2 Aquaculture-Microbiology Chair: Kwang-Sik Choi
15:40-16:00	Chinese Abalone Association General Meeting	EARTHQUAKES AND ABALONE: MANAGEMENT AND RESEARCH RESPONSES IN PAUA FISHERIES FOLLOWING THE 2016 KAIKOURA EARTHQUAKE (NEW ZEALAND) Tom McCowan	METABARCODING ANALYSES OF THE GUT MICROBIOME COMPOSITION IN RED ABALONE <i>HALIOTIS RUFESCENS</i> (SWAINSON, 1822) FED DIFFERENT MACROALGAL DIETS Jinchen Guo
16:00-16:20		ABALONE AND SEA URCHIN RECRUITMENT DURING A WARM-WATER PERIOD IN SOUTHERN CALIFORNIA: IMPLICATIONS FOR FUTURE RECOVERY Cynthia Catton	COMING TO GRIPS WITH THE GUT MICROBIOME OF THE SOUTH AFRICAN ABALONE Clifford Jones
16:20-16:40		WIDESPREAD STARVATION OF RED ABALONE (<i>HALIOTIS RUFESCENS</i>) FOLLOWING SEVERE OCEAN WARMING: ASSESSING THE IMPACTS AND RECOVERY POTENTIAL Cynthia Catton	GENOMIC CHARACTERISTICS OF AN ABALONE SYMBIONT THAT REPRESENTS A NOVEL ORDER-LEVEL LINEAGE IN THE ALPHAPROTEOBACTERIA Zhaobin Huang
16:40-17:00			TARGETED DELIVERY OF ENCAPSULATED PROBIOTICS FOR INCREASED GROWTH OF FARMED PAUA Ali Seyfoddin
17:00-18:00		Poster presentation	
18:30	Special Abalone Feast		

Friday, May 11th

	Meeting Room II S4-1 Genetics & Genome Chair: Jin-Chywan GWO	Meeting Room III S3-3 Aquaculture- Technology Chair: Robert Day
09:00-09:20	GENETIC CHARACTERIZATION OF FARMED ABALONE (<i>HALIOTIS MIDAE</i>) USING MICROSATELLITE MARKERS Moqebelo Morallana	MULTI-TROPHIC AQUACULTURE OF GREEN ABALONE <i>HALIOTIS FULGENS</i> AND WARTY SEA CUCUMBER <i>PARASTICHOPUS PARVIMENSIS</i> ENHANCES PRODUCTION Jeremie Bauer
09:20-09:40	SWEEPSTAKE REPRODUCTIVE SUCCESS IN PACIFIC ABALONE: REVISITING THE PRACTICAL LIMITATIONS AND SCALING UP THE PROCEDURE IN ABALONE SELECTIVE BREEDING Guofan Zhang	INDUCTION OF SPAWNING OF GREEN ABALONE <i>HALIOTIS FULGENS</i> USING HYDROGEN PEROXIDE-TRIS AND THE NEUROPEPTIDE APGWAMIDE Araceli Garcia Aguilar
09:40-10:00	THE GENOME OF <i>HALIOTIS DISCUS HANNAI</i> PROVIDES INSIGHTS INTO EVOLUTION OF MOLLUSCA KARYOTYPE Zekun Huang	THE INFLUENCE OF STOCKING DENSITY ON THE BEHAVIOUR OF CULTURED SOUTH AFRICAN ABALONE <i>HALIOTIS MIDAE</i> Stephen Dunser
10:00-10:20	EXPLORING THE MECHANISM OF DISEASE-RESISTANT HETEROSIS IN <i>HALIOTIS DIVERSICOLOR</i> HYBRID Shuang Liang	ABALONE CULTURE IN OPEN OCEAN FLOATING CAGES, NEW DEVELOPMENT FOR MEXICO Jose Enrique Vazquez Moreno
10:20-10:40	Tea break	
	Meeting Room II S4-2 Genetics & Genome Chair: Mingyi Cai	Meeting Room III S5-1 Climate Change Impacts Chair: Fucun Wu
10:40-11:00	THE APPLICATION OF STRAIN-CROSS IN COMMERCIAL BREEDING OF THE PACIFIC ABALONE IN CHINA Jiaqi Li	ENDANGERED WHITE ABALONE (<i>HALIOTIS SORENSENII</i>) EXHIBIT HIGHER POST-SETTLEMENT SUCCESS ON SUBSTRATE WITH CRUSTOSE CORALLINE ALGAE Laura Rogers-Bennett

11:00-11:20	GENOMIC BASIS FOR THERMAL ADAPTATION OF PACIFIC ABALONE THROUGH RESEQUENCING ANALYSIS Weiwei You	LETHAL AND SUBLETHAL EFFECTS OF SUSPENDED YELLOW CLAYS ON PACIFIC ABALONE <i>HALIOTIS DISCUS HANNAI</i> , WITHIN THE CONTEXT OF HARMFUL ALGAL BLOOM MITIGATION Hye-Mi Lee
11:20-11:40	SHELL CHARACTERIZATION OF DIFFERENT ABALONES USING ELLIPTIC FOURIER ANALYSIS AND LANDMARK METHOD Yifang Zhang	TRANSGENERATION EFFECTS FOR LONG-TERM OCEAN ACIDIFICATION STRESS OF <i>HALIOTIS DISCUS HANNAI</i> Chengkuan Lu
11:40-12:00	MOLECULAR IDENTIFICATION OF THE HYBRID ABALONE <i>HALIOTIS SORENSENI</i> X <i>H. KAMTSCHATKANA</i> , ASSIMILIS OFF THE COAST OF BAJA CALIFORNIA Casandra Delgadillo Anguiano	INTEGRATIVE TRANSCRIPTOME ANALYSIS AND DISCOVERY OF GENES INVOLVED IN IMMUNE RESPONSE OF HYPOXIA/THERMAL CHALLENGED SMALL ABALONE <i>HALIOTIS DIVERSICOLOR</i> Xin Zhang
12:00-14:00	Lunch	
	Meeting Room III S5-2 Climate Change Impact Chair: Laura Rogers-Bennett	Meeting Room II S3-4 Aquaculture-Technology Chair: Jin-Chywan GWO
14:00-14:20	UNCOVERING THE HOLICSTIC METABOLIC RESPONSE OF <i>HALIOTIS MIDAE</i> TO HYPOXIA Leonie Venter	DISTRIBUTION AND BEHAVIOUR OF JUVENILE ABALONE (<i>HALIOTIS MIDAE</i>) IN TANKS IN THE WEANING SECTION OF HIK ABALONE HATCHERY Jason Wright
14:20-14:40	NEW ASSESSMENT OF THE HYPOXIA TOLERANCE BASED ON CARDIAC PERFORMANCE AND TRANSCRIPTOMIC RESPONSES OF THE PACIFIC ABALONE <i>HALIOTIS DISCUS HANNAI</i> UNDER HYPOXIA STRESS Yawei Shen	ASSESSMENT OF ANTI-FOULING OF TWO WHELK SPECIES AGAINST OYSTER IN ABALONE FARMING: LABORATORY AND FIELD STUDIES Fucun Wu
14:40-15:00	TRANSCRIPTOME ANALYSIS OF GENES AND SIGNALING PATHWAYS INVOLVED IN IMMUNITY UNDER HYPOXIC STRESSES IN <i>HALIOTIS DIVERSICOLOR</i> Yulong Sun	ANTI-PREDATOR RESPONSE OF <i>HALIOTIS TUBERCULATA</i> IS MODIFIED AFTER ONE GENERATION OF DOMESTICATION Sabine Roussel

15:00-15:20	STUDY ON TOLERANCE AND IMMUNE RESPONSE OF PACIFIC ABALONE <i>HALIOTIS DISCUS HANNAI</i> DURING SIMULATED AIR EXPOSURE OF LIVE TRANSPORTATION Pantip Sawangwong	PARASITES AND FOULING ORGANISMS OF ABALONE <i>HALIOTIS ASININA</i> IN PALAWAN, PHILIPPINES Nonillon Aspe
15:20-15:40	Tea break	
	Meeting Room II S3-5 Aquaculture- Microbiology Chair: Kwang-Sik Choi	Meeting Room III S3-6 Aquaculture- Nutrition Chair: Robert Day
15:40-16:00	MICROBIAL AND MICRO-PARASITE ABUNDANCE IN CAGE-CULTURED ABALONE <i>HALIOTIS ASININE</i> Genese Divine Cayabo	PROTECTIVE EFFECTS OF DIETARY SELENIUM ON ABALONE <i>HALIOTIS DISCUS HANNAI</i> AGAINST THE TOXICITY OF WATERBORNE CADMIUM Yanlin Guo
16:00-16:20	PROBIOTICS ENHANCES GROWTH AND IMMUNE RESPONSIVENESS OF NEW ZEALAND BLACK FOOTED ABALONE (<i>HALIOTIS IRIS</i>) Andrea C. Alfaro	IDENTIFICATION AND QUANTIFICATION OF THE MAIN CAROTENOID PIGMENT FROM THE RARE ORANGE MUSCLE OF <i>HALIOTIS GIGANTEA</i> Xiaohui Wei
16:20-16:40	ISOLATION AND CHARACTERIZATION OF ANTIMICROBIAL-PRODUCING BACTERIAL SYMBIONTS FROM <i>HALIOTIS ASININA</i> Jhonamie Mabuhay	EFFECTS OF DIETARY α -LIPOIC ACID ON ABALONE <i>HALIOTIS DISCUS HANNAI</i> AGAINST THE OXIDATIVE DAMAGE UNDER WATERBORNE CADMIUM STRESS Dong Huang
17:00-18:00	Workshop: Climate Change and Abalone Coordinated by: Laura Rogers-Bennett & Weiwei You	
18:30	Gala Dinner	

Posters

Fishery Management and Related Abalone Ecology	
1	OPTIMISING SEASONAL HARVESTS FROM AUSTRALIAN BLACKLIP ABALONE FISHERIES Ben Stobart, Stephen Mayfield, Richard McGarvey, Julian Morison
2	SURVEY OF ABALONE NATURAL STOCK IN DHOFAR SOUTHERN OF SULTANATE OF OMAN IN 2017 Salim Al-Ghassani, Schalk de Waal, Salem Khoom
3	ATLANTIC SEA COAST ABALONE FARMING IN SOUTH AFRICA: AN ASSESSMENT OF PRACTICES IN FISHERIES MANAGEMENT AND SEAFOOD PRODUCTION FOR SUSTAINABILITY AND ECOSYSTEM SERVICES PRESERVATION IN AFRICA Deogratias Kayumba
4	A SURVEY ON THE PREDATORS OF ABALONE <i>HALIOTIS ASININA</i> FROM THE PERSPECTIVE OF THE FISHERFOLKS IN SELECTED SITES OF PALAWAN, PHILIPPINES Nonillon M. Aspe, Rechie G. Cabales, Recca E. Sajorne, Lota A. Creencia
5	CALCIFICATION AND ACID-BASE BALANCE ARE THE PRINCIPAL FUNCTIONS IMPACTED BY OCEAN ACIDIFICATION IN ADULT <i>H. TUBERCULATA</i> Sabine Roussel, Manon Coheleach, Sophie Martin, Aicha Badou, Sylvain Huchette, Philippe Dubois, Stephanie Auzoux-Bordenave
Genetics / Genomics (For Aquaculture, Fisheries and General)	
6	ANTI-PROLIFERATIVE RESPONSES OF INTERFERON INDUCED GENE IDENTIFIED FROM DISK ABALONE (<i>HALIOTIS DISCUS DISCUS</i>) N. C. N. Perera, D. M. K. P. Sirisena, Jehee Lee
7	CHARACTERIZATION, TISSUE EXPRESSION AND IMMUNOLOGICAL RESPONSES OF GALECTIN AND GLUTATHIONE S TRANSFERASE KAPPA FROM DISK ABALONE (<i>HALIOTIS DISCUS DISCUS</i>) W.M.Gayashani Sandamalika, Thanthrige Thiunuwan Priyathilaka, Qiang Wan, Jehee Lee
8	GENETIC DIVERSITY OF WILD AND CULTURED RED ABALONE <i>HALIOTIS RUFESCENS</i> STOCKS IN CALIFORNIA AND BAJA CALIFORNIA Córdova-Secundino Paola Estrella, Vargas-Peralta Carmen Elvira, James D. Moore, Del Río-Portilla Miguel Ángel, Muñiz-Salazar Raquel, Lafarga-De La Cruz Fabiola
9	TRANSCRIPTOMIC PROFILING OF JUVENILES FROM RG HYBRID ABALONES (<i>HALIOTIS RUFESCENS</i> X <i>HALIOTIS FULGENS</i>) AND ITS PARENTAL LINE RR (<i>HALIOTIS RUFESCENS</i> X <i>HALIOTIS RUFESCENS</i>) Clara Elizabeth Galindo-Sanchez, Oscar Juárez-Valdez, Felipe Aguilera, Edgar López-Landavery, Vincent Montes-Orozco, Fabiola Lafarga-De La Cruz
10	COMPLETE MITOCHONDRIAL GENOME OF THE WHITE ABALONE <i>HALIOTIS SORENSENI</i> BY NEXT GENERATION SEQUENCING Miguel Ángel Del Río-Portilla 1, Carmen Elvira Vargas-Peralta, Travis C. Glenn, Natalia J. Bayona-Vásquez, Kristin Aquilino, Fabiola Lafarga-De La Cruz

11	ISOLATION AND GENE CLONING OF PARAMYOSIN FROM ABALONE (<i>HALIOTIS DISCUS HANNAI</i>) Rui Zou, Yingchuan You, Longjie Yan, Lingjing Zhang, Ling Weng, Guangming Liu, Minjie Cao
12	PURIFICATION, CHARACTERIZATION AND CDNA CLONING OF TYPE I COLLAGEN FROM ABALONE (<i>HALIOTIS DISCUS HANNAI</i>) AND PREPARATION OF A POLYCLONAL ANTIBODY Longjie Yan, Yinchuan You, Jinhua Ma, Qian Zhang, Ling Weng, Lechang Sun, Minjie Cao
13	HEAT STRESS DIFFERENTIALLY MODULATES TRANSCRIPTION IN DIFFERENT HEAT TOLERANCE PACIFIC ABALONE LINES MEASURED BY CARDIAC PERFORMANCE Nan Chen, Chengkuan Lu, Xuan Luo, Weiwei You, Caihuan Ke
14	PRELIMINARY EVIDENCE FOR BIASED MITOTIC GENE CONVERSION IN HYBRID ABALONE Qichun Zhu, Tongyi Wang, Mingyi Cai
15	HIGH LEVEL OF VARIATION OF NON-TRANSCRIBED SPACER OF 5S RDNA INTRA-SPECIES AND GENOME OF <i>HALIOTIS DISCUS HANNAI</i> Tongyi Wang, Qichun Zhu, Mingyi Cai
16	RELATIONSHIP BETWEEN GENETIC DISTANCE AND HETEROSIS FOR GROWTH RATE WITHIN DIFFERENT CULTURED POPULATIONS OF THE PACIFIC ABALONE (<i>HALIOTIS DISCUS HANNAI</i>) Nan Chen, Feng Yu, Xuan Luo, Weiwei You, Caihuan Ke
Aquaculture Production (Including Breeding, Nutrition, Health, Physiology, Disease Control Etc.)	
17	PHYSIOLOGICAL CHARACTERISTIC OF POLYPLOIDIZATION ON SEXUAL MATURATION AND THERMAL TOLERANCE IN PACIFIC ABALONE, <i>HALIOTIS DISCUS HANNAI</i> Minsu Gwon, Kyuhyun Jung, Jinwoo Park, Jongwon Park, Choulji Park
18	ADVANCES IN THE STUDY OF THE PHAGE HYPERPARASITE, PCXC, AND <i>CANDIDATUS XENOHALIOTIS CALIFORNIENSIS</i> IN <i>HALIOTIS</i> SPP. FROM MEXICO Roberto Cruz-Flores, Jorge Cáceres-Martínez, Miriam Esther Garcia-Mendoza
19	PRELIMINARY RESULTS ON GENETICS AND HEALTH STATUS OF BLACK ABALONE <i>HALIOTIS CRACHERODII</i> IN TWO LOCATIONS OF BAJA CALIFORNIA, MEXICO Miriam Esther Garcia-Mendoza, Melina Cepeda-Ochoa, Cristian Araneda-Tolosa, Brenda Guadalupe Bonett-Calzada, Roberto Cruz-Flores, Yanet Guerrero-Rentería, Jorge Cáceres-Martínez, Rodrigo Beas-Luna, Fabiola Lafarga-De La Cruz
20	BREEDING STRATEGIES FOR HYBRID ABALONE PRODUCTION OF NORTH PACIFIC <i>HALIOTIS</i> SPECIES Fabiola Lafarga-De La Cruz , Carmen Paniagua-Chavez, Miguel Ángel Del Río-Portilla, Clara Elizabeth Galindo-Sanchez, Oscar Juárez-Valdez, Edgar López-Landavery, Felipe Aguilera, Cristian Araneda-Tolosa, John Hyde
21	EFFECT OF PROTEIN/LIPID LEVEL OF ABKELP COMMERCIAL FEED ON GROWTH OF THE RED ABALONE <i>HALIOTIS RUFESCENS</i> Fabiola Lafarga-De La Cruz, Vincent Montes-Orozco, Erik F. González-Aragón, Enrique Valenzuela-Espinoza, Roberto Marcos-Ramírez, Jesús Mariscal-Medina

22	EFFECT OF SILVER NANOPARTICLES IN THE RED ABALONE <i>HALIOTIS RUFESCENS</i> AND ITS PARASITIC LOAD Roberto Cruz Flores, Jorge Cáceres Martínez, Karla Oyuky Juarez Moreno, Miriam Esther Garcia Mendoza
23	METABOLIC RESPONSES OF <i>HALIOTIS DIVERSICOLOR</i> TO ABALONE HERPES-LIKE VIRUS INFECTION Jie Lu, Jiangrong Wang
24	TRANSCRIPTOME REVEALED THE PHYSIOLOGICAL RESPONSE OF PACIFIC ABALONE HEPATOPANCREAS UNDER HEAT STRESS Tuo Yao, Jiangyong Wang
25	A CASE STUDY OF DAMAGE ON NET CAGE CULTURED ABALONE IN WONDO, SOUTH KOREA BY THE COMBINED EFFECT Jung Jun Park, Byeong-Hak Kim, Hye-Sung Choi, Jun-Ho Koo, Jong-Woo Park, Yu Ri Shin
26	NEW METHOD FOR LARVAL SETTLEMENT, POST-LARVAL GROWTH, AND SURVIVAL OF ABALONE <i>HALIOTIS DISCUS HANNAI</i> USING A MONO-CULTURED BENTHIC DIATOM <i>CYLINDROTHECA CLOSTERIUM</i> AND A GREEN ALGA <i>ULVELLA LENS</i> Yukio Matsumoto, Shouji Houki, Hideki Takami, Tomohiko Kawamura
27	EFFECTS OF FLOW VELOCITY ON GROWTH, METABOLISM, AND NITROGEN AND PHOSPHORUS BUDGET OF <i>HALIOTIS DISCUS HANNAI</i> INO IN A RECIRCULATING AQUACULTURE SYSTEM Xiaolong Gao, Xian Li, Ying Liu
28	INVOLVEMENT OF CLIP-DOMAIN SERINE PROTEASE IN THE ANTI-VIBRIO IMMUNE RESPONSE OF ABALONE (<i>HALIOTIS DISCUS HANNAI</i>)—MOLECULAR CLONING, CHARACTERIZATION AND FUNCTIONAL ANALYSIS Jianjian Hu, Yulei Chen, Yue Li, Lingjing Zhang, Minjie Cao
29	TRANSCRIPTIONAL REGULATION ANALYSIS OF HEAT SHOCK TRANSCRIPTION FACTOR-1 GENE IN <i>HALIOTIS DIVERSICOLOR</i> Yuting Li, Yitao Huang, Tao Zhang, Yilei Wang, Ziping Zhang
30	ITRAQ-BASED IDENTIFICATION OF PROTEINS RELATED TO MUSCLE GROWTH IN THE PACIFIC ABALONE, <i>HALIOTIS DISCUS HANNAI</i> Jianfang Huang, Weiwei You, Xuan Luo, Caihuan Ke
31	THE EFFECT OF SOUTH-NORTH RELAY MODE ON THE BIOCHEMICAL COMPOSITIONS AND TEXTURE PROPERTIES OF <i>HALIOTIS DISCUS HANNAI</i> Liting Zeng, Shiyi Zhong, Weiwei You, Caihuan Ke
32	MORPHOLOGICAL CHANGES IN GONADS AND IMMUNE RESPONSE OF PACIFIC ABALONE <i>HALIOTIS DISCUS HANNAI</i> DURING THE SPAWNING PERIOD Pantip Sawangwong, Miaoqin Huang, Caihuan Ke, Weiwei You
33	REAL-TIME PCR AND DNA METHYLATION INDICATE THE POTENTIAL MECHANISM FOR HEAT TOLERANCE OF HYBRID ABALONE Feng Yu, Nan Chen, Xuan Luo, Miaoqin Huang, Caihuan Ke

34	EFFECT OF NATURAL DIETS ON GROWTH AND SURVIVAL OF THE RED ABALONE <i>HALIOTIS RUFESCENS</i> AND THE HYBRID ABALONE <i>H. RUFESCENS</i> × <i>H. FULGENS</i> Lafarga De la Cruz Fabiola, Montes-Orozco Vincent, Cervantes-Vázquez Gesem S., González-Aragón Erik F., Valenzuela-Espinoza Enrique, Mariscal-Medina Jesús
35	STUDY ON GROWTH AND THERMAL TOLERANCE OF ABALONE (<i>HALIOTIS DISCUS HANNAI</i>) VIA GENOME-WIDE ASSOCIATION ANALYSIS AND GENOMIC SELECTION IN SOUTHERN CHINA Wenzhu Peng, Feng Yu, Yifang Zhang, Nan Chen, Yang Gan, Chengkuan Lu Weiwei You, Xuan Luo, Miaoqin Huang, Caihuan Ke
36	DEVELOPMENT OF MICROSATELLITE MARKERS AND ANALYSIS OF GENETIC DIVERSITY, POPULATION STRUCTURE AND GENETIC BREEDING OF <i>HALIOTIS</i> SPP. FROM SOUTH KOREA G. I. Godahewa, N. C. N. Perera, Sukkyoung Lee, Qiang Wan, Jehee Lee
37	INFESTATION OF THE ABALONE <i>HALIOTIS DISCUS HANNAI</i> BY THE BURROWING WORM <i>POLYDORA</i> SPP. IN SOUTH KOREA Kyoung-Mi Won, Nam-Il Won, Deok-Chan Lee, Ji-Hyun Yu, Mi-Young Cho, Sung-Hee Jung
38	EMBRYONIC AND LARVAL DEVELOPMENT OF <i>HALIOTIS DISCUS HANNAI</i> Min Li, Weiwei You, Miaoqin Huang, Shixin Huang, Caihuan Ke
39	DISCOVERY OF NEUROPEPTIDES FROM GANGLIA OF THE ABALONE <i>HALIOTIS DISCUS HANNAI</i> THROUGH LONG-READ TRANSCRIPTOMIC ANALYSIS Tae Hyug Jeong, Young Dae Oh, Mi-Jin Choi, Jong-Myoung Kim, Han Kyu Lim
40	COMPARISON OF THE DIGESTIBILITY OF ABALONE (<i>HALIOTIS DISCUS HANNAI</i>) AFTER FOUR DIFFERENT PROCESSING TREATMENTS Chujun Wan, Yinchuan You, Ling Weng, Lingjing Zhang, Guangming Liu, Minjie Cao
41	AN ANALYSIS OF ABALONE MARKET FLUCTRATIONS IN CHINA: BASED ON THE COBWEB MODEL WITH CARRYING CAPACITY RESTRICTION Gang Zhou, Yongtong Mu
42	EXTRACTION OF PROTEIN ISOLATES BY ISOELECTRIC SOLUBILISATION/PRECIPITATION FROM THE PACIFIC ABALONE (<i>HALIOTIS DISCUS HANNAI</i>) MUSCLE AND ITS COMPOSITION AND CHARACTERISTICS ANALYSIS Huina Zheng, Gaozhan Xue, Jialong Gao, Wenghong Cao, Xiaoming Qin, Chaohua Zhang