6th Yangtze River Delta International Symposium on Marine Drugs
(The Third Announcement)

November 4th-7th, 2018 Nanjing, China
Theme: Drugs and Leads from the Ocean

The 6th International Symposium on Marine Biomedicine in the Yangtze River Delta, jointly hosted by **Jiangsu, Shanghai and Zhejiang Pharmaceutical Associations**, organized by Nanjing University of Chinese Medicine**,** is scheduled to be held during November 4th ~7th, 2018 Nanjing, China. The main theme of the conference is "**Ocean, a Promising Drug Source for the Future**".

The conference will provide a global platform for extensive exchanges of the recent advancement and technologies towards **marine natural product drug discovery, marine functional food development and high-value utilization of marine bio-sources**. The conference is a 2-day event offering sessions involving Keynote presentation, Plenary talks, Symposia and Poster presentations. We sincerely welcome leading scientists, academicians, young researchers and business delegates from all over the world to present their latest findings and exchange ideas during this meeting, and so to pave the way for further discoveries. Apart from presenting and listening to great science, the location of the event in Nanjing offers an unforgettable visit. Listed as one of the four great ancient cities of China, Nanjing is a famous scenic tourist city which integrates mountains, waters, forest, as well as monuments and historical relics. We hope to give you an excellent scientific experience here.

Important Notes

1) Conference dates November 4th-7th, 2018

November 4th	November 5th	November 6th	November 7th
Register 13:00-	Opening Ceremony, Keynote Presentations and Plenary talks	Plenary talks, Symposia and Closing Ceremony	Depart

2) Registration

All accommodation places (November 4th, begin at 13:00) and conference venue gate (November 4th, begin at 9:00).

3) Conference Venue

The 1st Floor of Fengsheng Building, Nanjing University of Chinese Medicine. ***Address***: Xianlin Avenue, No.138, Qixia District, Nanjing, Jiangsu, China.

4) Registration Fees

Registration free, however transportation and accommodation need to be at your own expenses.

5) Conference Website:
http://yxy.njucm.edu.cn/2018/1019/c2989a44158/page.htm

Conference Proceedings

Prospective authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive and experimental in all areas of **marine natural product drugs and functional foods** are cordially invited for presentation at the conference.

All submitted conference papers will be blind peer reviewed and indexed in the conference proceedings. Please ensure your submission meets the conference's strict guidelines (refer to the **Paper Submission GUIDE** before submitting your paper).

Submission E-mail: csjocean2018@126.com; **Submission Deadline:** October 1st, 2018.

Symposium Program

Time	Speaker	Title	Universities /Institutes	Host
5th November				
8:30-9:30		**Opening Ceremony**		Ren-xiang Tan
Keynote Presentation				Guo-qiang Lin
9:30-10:15	Motonari Uesugi	Natural Product Derivatives for Controlling Stem Cells	Kyoto University, Japan	
Plenary talks				
10:15-10:45	Masaki Kita	PPI-inducing Marine Macrolide	Nagoya University, Japan	
Tea Break				
11:00-11:30	Supa Hannongbua	Challenges of the Data and Computational Sciences: From 3D-Molecular Structural Databases of Thai Natural Products and its Applications in Drug Discovery Research	Kasetsart University, Tailand	
11:30-12:00	Bing-hua Jiao	Interpretation of the Key Task of National Marine Biotechnology in 13th Five-year Development	The Second Military Medical University, China	
Lunch				
14:00-	Xiao-jun Yan	Prospects for	Zhejiang Ocean	Wei Xiao

14:30		industrialization of algal products in the near future	University, China	Shujun Wang
14:30-14:50	Ren-xiang Tan	How to Improve the druggability of Marine Natural Products?	Nanjing University of Chinese Medicine, Nanjing University, China	
14:50-15:10	Bing Wu	Screen the Potential Bioactive Compounds from Marine Microorganisms by Using the New Stressing Techniques	Zhejiang University, China	
15:10-15:30	Yue-wei Guo	Terpenoids from Chinese Marine Invertebrates	Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China	
15:30-15:50	Hong Wang	Exploration of a Novel Antibiotic Agents from Marine Microorganism	Zhejiang University of Technology, China	
Tea Break				
16:00-16:20	Pei-min He	Medicinal Value and Resource Utilization of *Enteromorpha prolifera*	Shanghai Ocean University, China	Bing-fang He Xiang-dong Gao
16:20-16:40	Jing-hua Chen	Heparan Sulfate and Bone Remodeling and Inflammation	Jiangnan University, China	
16:40-17:00	Hui-ming Ge	Structural insight into the antibiotic chartreusin biosynthesis by an unusual dioxygenase	Nanjing University, China	
17:00-17:20	Wei-wei Liu	Study on Synthesis and Bioactivities of Glucosamine	Huaihai Institute of Technology, China	
17:20-	**Closing Ceremony**			Ren-xiang Tan
6th November				
9:00 - 11:30	Symposia of Jiangsu, Pharmaceutical Associations			Hao Wu
11:30-	*Lunch*			

12:30		
14:00-16:30	Laboratories tour to State Key Laboratory in Nanjing University of Chinese Medicine and Jiangsu Key Laboratory of Research and Development of Marine Bio-resource Pharmaceutics	Hao Wu
17:00-19：00	***Dinner***	
	7th November (Departure)	

Accommodations

Nanjing Xindi Central Hotel; ***Address****:* Xuedian Avenue No.6, Qixia District, Nanjing; Tel: 025-52638888); ***Booking price***: 550-600 CNY/per night (the price varies as the season). There will be shuttle buses between the hotel and the conference venue.

Conference Contacts

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Paper Submission GUIDE

Abstracts should be submitted in the following order: **Title, Author names and affilations, Abstract, Keywords and Graphical abstracts.**

1. Title

Concise and informative. Titles are often used in information-retrieval systems and careful thought should be given to them.

2. Author names and affiliations

Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.

3. Abstract

A concise and factual abstract is required not exceeding 800 words excluding spaces. The abstract should state briefly the objects and methods of the research, the principal results and major conclusions.

4. Keywords

Immediately after the abstract, provide a maximum of 6 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of').

5. Graphical abstracts

A Graphical abstract is a single, concise, pictorial and visual summary of the main findings of the article. This could either be the concluding figure from the article or a figure that is specially

designed for the purpose, which captures the content of the article for readers at a single glance.

Please see examples below-

Purification, Characterization and Crystal Structure of Parvalbumins, the Major Allergens in *Mustelus griseus*

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【Abstract】

Objective：Parvalbumin (PV) represents the major allergen of fish. While IgE cross-reactivity to PV in various bony fish species has been well characterized, little information is available about allergens in cartilaginous fish.

Methods: (1) PVs were purified from the muscle of *Mustelus griseus* by ammonium sulfate fractionation and sequential column chromatography with DEAE-Sepharose and Sephacryl S-200 columns. (2)To verify the IgE-binding activities of SPVs, purified SPV-I and SPV-II were subjected to dot blot analysis with sera from 15 fish allergic patients and two non-allergic individuals as controls were used.(3)Thermal denaturation monitored by CD spectrum. (4)To this end, we crystallized both SPV allergens and determined their crystal structures.

Results：Two lineages of PVs (named as SPV-I and SPV-II) from *Mustelus griseus* were purified. Their identities were further confirmed by mass spectroscopic analysis. IgE immunoblot analysis showed that sera from fish-allergic patients reacted to both SPV-I and SPV-II, but the majority of sera reacted more intensely to SPV-I than SPV-II. Thermal denaturation monitored by CD spectrum showed that both of the SPV

allergens are highly thermo-stable. SPV-I maintained its IgE-binding capability after heat denaturation, while the IgE-binding ability of SPV-II was reduced.

Conclusion：The crystal structure showed that SPV-I and SPV-II were similar in their overall tertiary structure, but their amino acid sequences shared lower similarities, indicating that the differences in the IgE-binding capabilities of SPV-I and SPV-II might be due to differential antigen epitopes in these two isoforms.

***Keywords*:** *Mustelus griseus;* parvalbumin; purification; characterization; crystal structure

【Graphical abstract】