

## Registration

### Registration fees

	Before 16/04/07	From 17/04/07
SITOX members	100,00	150,00
Non members	150,00	200,00
Reduced*	50,00	100,00

All the fees include 20% VAT.

\* The registration fee will be waived to SITOX members, studying for a pre-doctoral or doctoral degree, providing an official letter from the head of their department, university or institution, maximum 35 years old, provided they present a poster. The reduced fee will be considered for persons who are studying for a pre-doctoral or doctoral degree providing an official letter from the head of their department, university or institution, maximum 35 years old.

### With the patronage of:

**Faculty of Pharmacy - University of Trieste**

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Lega Pesca**

### General Information

The official language is English.  
Simultaneous translation  
(English - Italian - English) will be provided.

### Scientific Committee

Giorgio Cantelli Forti  
Marina Marinovich  
Marco Brughera  
Orazio Cantoni  
Enzo Chiesara  
Maria Enrica Fracasso  
Carlo Locatelli  
Annarita Meneguz  
Sergio Raimondo

### Local Organizing Committee

Aurelia Tubaro, James Hungerford,  
Anna Giangaspero, Silvio Sosa, Lucia Ravalico,  
Tania Zoff, Gianmario Altinier, Valeria De Ninis

### Address for correspondence

#### Local Organizing Committee

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### Organizing Secretariat

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Società Italiana di  
Tossicologia



Università di  
Trieste

## INTERNATIONAL SYMPOSIUM ON ALGAL TOXINS



Final Programme

**Trieste, May 27-29, 2007**

University of Trieste  
Auditorium, H3 Building  
Piazzale Europa

## Scope of the Symposium

Phycotoxin problems in Europe present a changing landscape and, especially in recent years, there are special concerns with new toxin problems emerging. This Symposium will emphasize toxins of both emerging and continuing concern to Europe, mainly focusing on their toxicity and risk characterization, that are the basis of the regulatory, methodological and monitoring aspects. In particular, the health and economic aspects related to *Ostreopsis* presence in the Mediterranean Sea will be discussed. The benefits of both international scientific efforts and multidisciplinary research will be evident and the sessions will show that many challenges in management are now being effectively addressed in this global way.

## Sunday, May 27, 2007

15.00 Opening Ceremony

### SESSION: Algal Toxins

CHAIRS: *G. Cantelli Forti, R. Della Loggia*

15.30 **Algal Toxins - An Introduction**

*T. Yasumoto* (Japan)

16.00 **The four steps of harmful algal bloom development: examples from the Mediterranean Sea**

*A. Zingone* (Italy)

16.30 COFFEE BREAK

CHAIRS: *E. Fattorusso, O. Cantoni*

17.00 **Mechanism of action and toxicity of Okadaic Acid, Dinophysistoxins and Yessotoxins**

*G. P. Rossini* (Italy)

17.30 **Toxicity and mechanism of action of Domoic Acid**

*L. G. Costa* (Italy)

18.00 **Mechanism of action and toxicity of Saxitoxins**

*B. A. Suarez-Isla* (Chile)

18.30 **POSTER SESSION**

## Monday, May 28, 2007

### SESSION: Algal Toxins

CHAIRS: *E. Graneli, C. L. Galli*

9.00 **Advances in Marine Toxin Reference Materials and Analytical Methods**

*M. A. Quilliam* (Canada)

9.30 **Natural toxins as Potential Weapons of Biowarfare and Bioterror**

*M. A. Poli* (USA)

### SESSION: Toxins from *Ostreopsis*

CHAIRS: *M. A. Poli, M. A. Quilliam*

10.00 **An overview on Palytoxin and Ostrecin studies**

*T. Yasumoto* (Japan)

10.30 **Toxic *Ostreopsis* species distribution in the Mediterranean sea using molecular analyses of several isolates**

*A. Penna* (Italy)

11.00 COFFEE BREAK

### POSTER SESSION

11.20 **LC-MS analysis of toxins produced by *Ostreopsis***

*E. Fattorusso* (Italy)

11.50 **Methods to detect Palytoxin**

*G. S. Bignami* (USA)

12.20 **Palytoxin determination: Mouse bioassay vs Hemolytic assay**

*J. M. Franco* (Spain)

12.40 **SITOX Members Meeting**

13.10 LIGHT LUNCH

## Monday, May 28, 2007

### SESSION: Toxins from *Ostreopsis*

CHAIRS: *G. S. Bignami, M. Marinovich*

14.40 **Mechanism of action of marine toxins: implications on toxicology and detection of Palytoxin**

*L. M. Botana* (Spain)

15.10 **Synergism in neurodegeneration by the combined presence of Clupeotoxins and Amnesic toxins**

*A. Novelli* (Spain)

15.40 **Health problems after *Ostreopsis aereosol* exposure in Italy**

*P. Durando* (Italy)

16.10 COFFEE BREAK

### POSTER SESSION

**SESSION: Risk Characterization SITOX Training Course**

CHAIRS: *B. A. Suarez-Isla, G. P. Rossini*

16.40 **Introduction to Food Toxicology**

*P. Restani* (Italy)

17.10 **Risk Characterization and algal toxins**

*C. L. Galli* (Italy)

17.40 **The European Legislation on marine biotoxins and future developments**

*P. Caricato* (EU Commission)

18.10 **POSTER SESSION**

## Tuesday, May 29, 2007

9.00 **Planning session on Palytoxin and Ostreocins**

CHAIRS: *G. S. Bignami, M. A. Poli, A. Tubaro*

9.45 COFFEE BREAK

10.15 **ROUND TABLE: Algal Toxins in Seafood: Problems related to Monitoring programs**

CHAIRPERSON: *P. Caricato* (EU Commission)

PARTICIPANTS: *L. M. Botana* (Spain)

*R. Poletti* (Italy)

*S. Etheridge* (USA)

*M. A. Quilliam* (Canada)

*E. Funari* (Italy)

12.15 CLOSING CEREMONY

12.30 SEAFOOD LIGHT LUNCH

### Poster Presentation

Posters should be a maximum of 1 m wide and 1.3 m high.

Presenters are requested to attend their poster site during coffee breaks and Poster Session.