

Program. Memorial Pere Alberch: The cradle of evo-devo

International Congress. Valencia 21-24 May 2008. Institute Cavanilles for Biodiversity and Evolutionary Biology, University of Valencia
Organizers: Diego Rasskin-Gutman, Miquel De Renzi, Andrés Moya & Juli Peretó.

	Wednesday 21	Thursday 22	Friday 23	Saturday 24
09:00-11:00		1 Paleontology	4 Evo-Devo I	
11:00-12:00		Break & Share	Break & Share	
12:00-14:00	Welcome	2 Modeling	4 Evo-Devo II	
14:30		LUNCH	LUNCH	5 Museums
16:00-18:00		3 Philosophy	4 Evo-Devo III	Break (30mins)
				5 Museums (starts at 16:30)
19:00-21:00	Plenary Lecture			6. ARTS
	Tapas Party			Dinner

Wednesday May 21 Evening

Welcome address

19:00-19:30 Jordi Alberch

19:30-20:30 Adolf Seilacher

Developmental Divergence in Pseudoplanktonic Crinoids

TAPAS PARTY

Thursday May 22: (1) Paleontology and Evolution

09:00-09:30. Intro: Miquel De Renzi

The work of Pere Alberch: developmental biology and evolutionary palaeobiology at the cross-roads

09:30-10:00. George McGhee

Evolutionary Development in Theoretical Morphospace

10:00-10:30. Antonio Rosas

Developmental aspects of mosaic evolution of the human skull

10:30-11:00. Angela Buscalioni

Insights on Phenotypic stability and von Baer statements

Thursday May 22: (2) Complexity and Modeling

12:00-12:30. Intro: Diego Rasskin

Attractors in morphospace: Pere Alberch and DST in evo-devo

12:30-13:00. Jordi Bascompte

Plant-Animal Mutualistic Networks: The Architecture of Biodiversity

13:00-13:30. Ricard Solé

On networks, spandrels and monsters

13:30-14:00. Garret Odell

For making genetic networks operate robustly, unintelligent non-design suffices

Thursday May 22 Afternoon: (3) Philosophy

16:00-16:30. Intro: Andrés Moya

When Logic reaches Biology: A historical precedent to approach the theory of complex biological phenomena

16:30-17:00. Werner Callebaut

Contingency and Inherency in Evo-Devo and Niche Construction

17:00-17:30. William Wimssatt

Pere Alberch, Developmental Constraints, and Generative Entrenchment

17:30-18:00. Arantza Etxeberria

Alberch on the role of forms without function to explain life

18:00-18:30. Laura Nuño de la Rosa

Pere Alberch and the Morphogenetic school in the history of EvoDevo

Friday May 23: (4) Developmental biology & evolution I

09:00-09:30. Intro: Gerd Müller

EvoDevo then and now

09:30-10:00. Stuart Newman

Dynamical Patterning Modules: a "pattern language" for development and evolution of multicellular form

10:00-10:30. Adam Wilkins

Climbing Mount Improbable: why synthesizing EDB and evolutionary genetics is so difficult

Friday May 23: (4) Developmental biology & evolution II

12:00-12:30. Intro: David Wake

Pere Alberch and evodevo studies of amphibian limbs.

12:30-13:00. Alessandro Minelli

The evolving modes of evolution

13:00-13:30. Jorge Cubo

Towards a more integrated evolutionary morphology:

Quantification of phylogenetic, functional and structural components of variation in bone growth rate of amniotes

13:30-14:00. James Hanken

Embryonic origin and segmentation of the amphibian skull: relation to a complex life history

Friday May 23: (4) Developmental biology & evolution III

16:00-16:30. Intro: Marvalee Wake

Pere Alberch and the Evolution of Viviparity

16:30-17:00. Adrià Casinós

Geoffroy Saint-Hilaire's loi du balancement revisited

17:00-17:30. Manuel Mari-Beffa

In the search of an actinoterygian ray-fin morphospace

17:30-18:00. Luis Boto

An overview in molecular mechanisms for acquisition of evolutionary novelties

Saturday May 24: (5) Museology

14:30-15:00. Intro: Jorge Wagensberg

Evolutionary biology in museology

15:00-15:30. Carme Prats, Rosa M. Malet

Opening the window: the Alberch legacy to museology. 1989-1995

15:30-16:00. Isabel Fuentes

Visual metaphors that bring biology to museums

Saturday May 24: (5) Museology

16:30-17:00. Intro: Margarita Belinchón

MNCN-Museo Paleontológico Rodrigo Botet: the role of Pere Alberch in a symbiotic interaction between these two institutions

17:00-17:30. Borja Sanchiz

Developmental and evolutionary trajectories in Museology: the Museo Nacional de Ciencias Nacionales as a case example

17:30-18:00. Antonio Valdecasas

Noah's 'take two of each' dilemma and museum collections

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Saturday May 24: (6) Special Events, Arts and Nature

19:00-19:40 Joan Fontcuberta

Secret Fauna

19:45-20:30 Angela Buscalioni and Rafa Buscalioni

Closing performance: "The Genesis of Form".

20:30-21:00 Closing Remarks.

DINNER

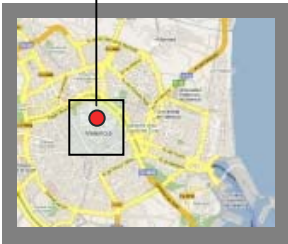
VALENCIA ORIENTATION MAP

IVAM, Museum of Modern Art

Botanical Garden

Colegio Mayor Rector Peset
Calle del Horno de San Nicolás
+96 316 60 00

The meeting will be held at the "Sala de la Muralla"



Serranos Towers

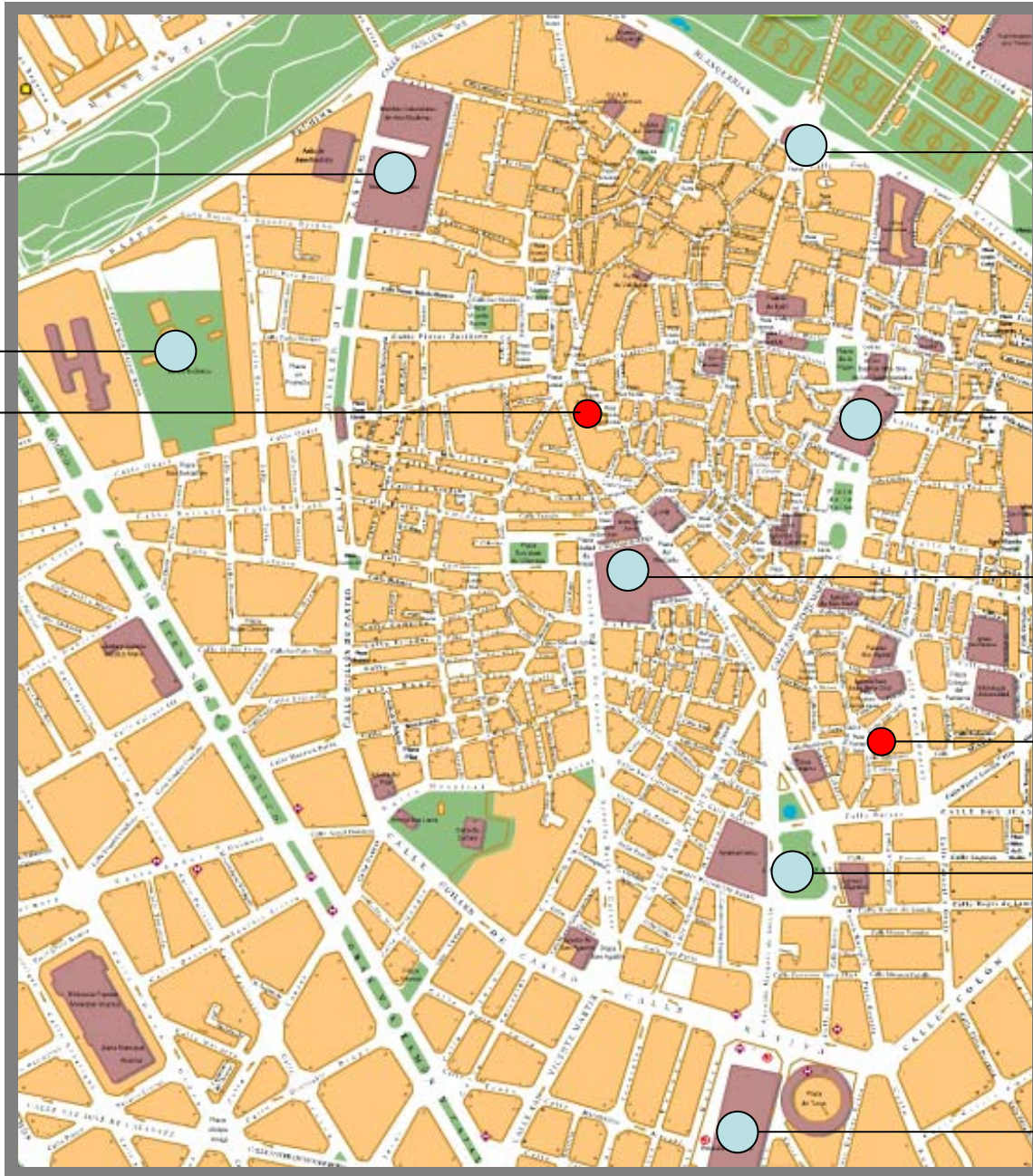
Cathedral

Central Market

Hotel Astoria Palace
Plaza Rodrigo Botet,5
Valencia
96.398.1000

Plaza del Ayuntamiento

Train Station



MEETING ORIENTATION MAP

Colegio Mayor Rector Peset
Plaza del Horno de San Nicolás, 4
96 316 60 00



Hotel Astoria Palace
Plaza Rodrigo Botet,5
96.398.1000

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