

International Workshop
Origins of Metazoans

PROGRAMME

November 7th

- 9:00 AM – 9:30 AM Meeting opening/registration
Introduction by Aviesan
- 9:30 AM – 10:00 AM **Abder El Albani** (Poitiers, France), Fossils from Gabon show early steps toward multicellularity 2.1 billion years ago

10:00 AM -11:00 AM

Session 1: Multicellularity and early metazoan

- 10:00 – 10:30 AM **Inaki Ruiz-Trillo** (Barcelona, Spain), How did animals evolve? A view from our closest unicellular relatives
- 10:30 – 11:00 AM **Graham Budd** (Uppsala, Sweden), The changing world of the Cambrian explosion

11:00 AM -12:45 AM

Session 2: Gene expression and the metazoan basal ancestor

- 11:00 – 11:30 AM **Gert Worheide** (Munich, Germany), A solution to the conundrum of non bilaterian relationships?
- 11:30 – 12:00 AM **Mark Q Martindale** (Florida, USA), Ctenophore development
- 12 :00 – 12:45 AM 3 selected short talks

12:45 AM – 1:45 PM

Lunch buffet

2:00 PM - 3:00 PM

Session 3: Sponges versus Ctenophores

- 2:00 – 2:30 PM **Bernie Degnan** (Brisbane, Australia), Origin of the animal regulatory genome
- 2:30 – 3:00 PM **André Le Bivic** (Marseille, France), Epithelial organization and polarity complexes in early metazoans

3:00 PM - 4:30 PM

Session 4: Posters & Drinks

4:30 PM - 6:30 PM

Session 5: Metazoan developmental models

- 4:30 – 5:00 PM **Bernd Schierwater** (Hannover, Germany), Unraveling the base of the metazoan ToL: Stretching scientific freedom to its limits
- 5:00 – 5:30 PM **Evelyn Houliston** (Villefranche-sur-Mer, France), Regulation of gamete release in hydrozoans
- 5:30 – 6:30 PM 4 selected short talks



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November 8th

8:30 AM – 10:00 AM

Session 6: **Stem cells and neuronal cells in metazoan evolution**

- 8:30 – 9:00 AM
- 9:00 – 9:30 AM
- 9:30 – 10:00 AM

Brigitte Galliot (Geneva, Switzerland), The developmental and non-developmental faces of regeneration in early metazoan evolution

Celina Juliano (California, USA), Stem cells and regeneration in *Hydra*
2 selected short talks

10:00 AM – 10:30 AM

Coffee Break

- 10:30 – 11:00 AM
- 11:00 – 11:30 AM
- 11:45 – 12:00 AM

Ulrich Technau (Vienna, Austria), Self-organisation and plasticity in aggregates of *Nematostella vectensis*

Detlev Arendt (Heidelberg, Germany), Cell types in sponges and their evolution in early Metazoa

Conclusions: **Vincent Laudet** (Banyuls-sur-Mer, France)