

Preface

For the 17th time, the Evolutionary Biology Meeting at Marseilles took place. The goal of this annual meeting is to allow scientists of different disciplines, who share a deep interest in evolutionary biology concepts, knowledge and applications, to meet and exchange and enhance interdisciplinary collaborations.

The Evolutionary Biology Meeting in Marseilles is now recognised internationally as an important exchange platform and a booster for the use of evolutionary-based approaches in biology and also in other scientific areas.

This year more than 100 presentations were selected by the evolutionary biology meeting scientific committee. We have further selected 18 of the most representative ones for the book.

The book will give the reader an overview of the state of the art in the evolutionary biology field. The book is the seventh that we have published further to the meeting. I would like to underline that the seven books are complementary one to another and should be considered as tomes.

The reader of the evolutionary biology books as well as the meeting participants would maybe like me witness years after years during the different meetings and book editions a shift in the evolutionary biology concepts as for example the possibility of HGT in metazoan. The fact that the chapters of the book are selected from a meeting enables the quick diffusion of the novelties.

Concerning the book, the chapters are organised in the following parts:

Molecular and Genome Evolution (Chaps. 1–10)

Phylogeography, Speciation and Coevolution (Chaps. 11–17)

Exobiology and Origin of Life (Chap. 18)

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Coevolution and Origin of Life

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