

# Preface

For the 18th time, the Evolutionary Biology Meeting in Marseille took place from 16 to 19 September 2014. 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 collaboration.

The Evolutionary Biology Meeting in Marseille 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 20 of the most representative ones for the book.

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

The readers of the evolutionary biology books as well as the meeting participants will maybe like us witness years after years during the different meetings and book editions a shift in the evolutionary biology concepts and knowledge. The fact that the chapters of the book are selected from one meeting enables the quick diffusion of the novelties.

Concerning the book, the chapters are organised in the following categories

Genotype to Phenotype (Chaps. 1–3)

Genetic Mechanisms of Diversification (Chaps. 4–8)

Evolutionary Mechanisms (Chaps. 9–14)

Speciation and Biodiversity (Chaps. 15–20)

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Pierre Pontarotti

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