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Ronnie Alves (Ed.)

Advances in Bioinformatics and Computational Biology

11th Brazilian Symposium on Bioinformatics, BSB 2018
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Preface

This volume contains the papers selected for presentation at the 11th Brazilian Symposium on Bioinformatics (BSB 2018), held from October 30 to November 1, 2018, in Niterói, Brazil. BSB is an international conference that covers all aspects of bioinformatics and computational biology. The event was organized by the Special Interest Group in Computational Biology of the Brazilian Computer Society (SBC), which has been the organizer of BSB for the past several years. The BSB series started in 2005. In the period 2002–2004 its name was Brazilian Workshop on Bioinformatics (WOB).

As in previous editions, BSB 2018 had an international Program Committee (PC) of 31 members. After a rigorous review process by the PC, 13 papers were accepted to be orally presented at the event, and are published in this volume. All papers were reviewed by at least three independent reviewers. We believe that this volume represents a fine contribution to current research in computational biology and bioinformatics, as well as in molecular biology. In addition to the technical presentations, BSB 2018 featured keynote talks from João Meidanis (Universidade Estadual de Campinas), Peter Stadler (University of Leipzig), and David Sankoff (University of Ottawa).

BSB 2018 was made possible by the dedication and work of many people and organizations. We would like to express our sincere thanks to all PC members, as well as to the external reviewers. Their names are listed herein. We are also grateful to the local organizers and volunteers for their valuable help; the sponsors for making the event financially viable; and Springer for agreeing to publish this volume. Finally, we would like to thank all authors for their time and effort in submitting their work and the invited speakers for having accepted our invitation.

November 2018

Ronnie Alves

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