



## Fly Biology, Ecology, Behavior and Management

Guest Editors:

**Dr. Sérgio M. Ovruski**

Laboratorio de Investigaciones Bioecotoológicas de Moscas de la Fruta y sus Enemigos Naturales (LIEMEN), División Control Biológico de Plagas, PROIMI Biotecnología, CCT NOA Sur-CONICET, Avda, Belgrano y Pje, Caseros, San Miguel de Tucumán T4001MVB, San Miguel de Tucumán, Argentina

**Dr. Flávio Roberto Mello Garcia**

Departamento de Ecologia, Instituto de Biologia, Zoologia e Genética, Universidade Federal de Pelotas 96010900, RS, Brazil

Deadline for manuscript submissions:

**closed (15 November 2023)**

### Message from the Guest Editors

Diptera, known as the “true” flies, is one of the most numerous and diverse orders of insects, comprising about 125,000 species widely distributed throughout the world. These insects play an ecologically relevant role and are of significant importance to humans. Just as certain flies act as pollinators, decomposers, predators, and parasitoids, others are vectors of human diseases and represent serious pests of agriculture, stables, and barnyards. Several dipterans are mostly involved in forensic legal investigations. This Special Issue invites the submission of original research articles and reviews to deepen the biological, ecological, and behavioral knowledge of this diversified insect group, and to cover management strategies for both pest and disease vector species. This involves a wide range of studies, such as life history, physiological aspects, reproduction, demographic traits, ecology and evolution of behavioral patterns, population fluctuation and dynamics, diversity, abundance, trophic relationships, host range and status, natural enemies, integrated pest management, and control tactics.

