

SOCIETY FOR EXPERIMENTAL BIOLOGY PRESENTS:

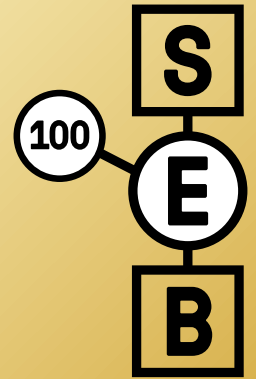
# SEB CENTENARY CONFERENCE

EDINBURGH

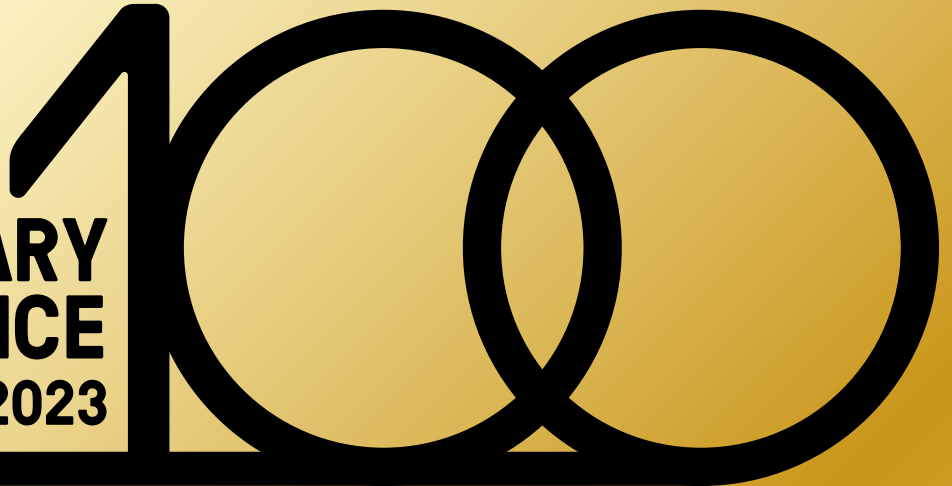
4-7 JULY 2023

SEBIOLOGY.ORG

#SEBCONFERENCE



# SEB CENTENARY CONFERENCE 1923 - 2023



# CELEBRATING SUCCESS & SHAPING THE FUTURE

**ANIMAL BIOLOGY**

**PLANT BIOLOGY**

**CELL BIOLOGY**

## ANIMAL SESSION TOPICS WILL INCLUDE:

### ANIMAL BIOLOGY SESSIONS

- Senescence in a changing world: ageing-related mechanisms in Ectotherms
- Evolutionary ecology in extreme environments
- Masters of none: the impacts of multiple stressors on performance in aquatic organisms
- Mechanics of mechanoreception across scales and kingdoms
- Insect osmoregulation
- Bright nights with dark consequences: the evolutionary ecology of coping with light pollution
- Rapid evolution of invasive populations due to anthropogenic changes

- Keeping the pace: mitochondrial and cellular bioenergetics in a fluctuating world
- Species interactions and their role in experimental physiology: bringing back the BIO
- From bacteria to whales: using size spectra to measure Global Change
- Plasticity and resilience of developmental stages to climate change
- Open biomechanics
- Open animal
- Experimental Palaeobiology - Bringing Fossils "Back to Life"

### ANIMAL & PLANT BIOLOGY SESSION

- Looking backwards and forwards after a decade of Conservation Physiology

### ANIMAL & CELL BIOLOGY SESSION

- Thermoregulatory and metabolic adaptation in a changing world

### ANIMAL, CELL, PLANT & OED BIOLOGY SESSION

- 100 years of SEB

