

# 2024 PSA-ISOP-ISEP Joint Meeting at University of Washington, Seattle WA

## PSA Abstract Preparation Guide

Because program abstracts are now being archived along with meeting websites, they have become a resource to be consulted by the psychological community. Thus, the Scientific Program Committee is resolved to pay close attention to all submitted abstracts. An abstract should be informative and representative of the presentation, emphasizing data and results rather than methodology. Abstracts containing text such as "...data will be presented..." or "...conclusions will be discussed..." will be returned to submitters for revision.

All abstracts must be in **English**, using **metric units**. Do not include illustrations, figures, or photos. Please prepare your abstract as using this Adobe form, labeled the filename as (Last name)\_(First & Middle initial)\_(Presentation type) (e.g., Huang\_IW\_oral), then upload the file by clicking **2024 PSA-ISOP-ISEP Abstract Upload**.

Adhere to the following format, as demonstrated in the Sample Abstract below. Submissions that do not follow this format will be returned to authors for revision or may be rejected for consideration in the Scientific Program.

### Authorship

Please use initials only for authors' first and middle names. If individuals are authors on multiple abstracts, please be consistent in the formatting of their names (i.e., use of middle initial, suffixes such as Jr., III, etc.). Include contact emails for all authors.

### Title

The title of the abstract must be in **ALL CAPS** and must not exceed **160 characters**.

### Abstract Body

The body of the abstract must adhere to a maximum count of **1600 characters** (including spaces), exclusive of title and author citations.

Unlike past years, we are NOT using any special HTML coding for italics or special characters. Please prepare your abstracts with these already set up in the text. **For pasting contents, please use Ctrl + V; for formatting underline, please use Ctrl + U; for formatting italic, please use Ctrl + I; for formatting superscript, please use Ctrl + Shift + Plus, for formatting subscript, please use Ctrl + Plus.**

More questions, please contact **Wade Huang - wade76924sci@gmail.com**.

### Sample Abstract

Krueger-Hadfield, S. A., Marine Biological Association of the UK, United Kingdom, stakru@mba.ac.uk; Roze, D., Station Biologique de Roscoff, France, roze@sb-roscoff.fr; Mauger, S., Station Biologique de Roscoff, France, mauger@sb-roscoff.fr; Destombe, C., Station Biologique de Roscoff, France, destombe@sb-roscoff.fr; Valero, M., Station Biologique de Roscoff, France, valero@sb-roscoff.fr

O FATHER, WHERE ART THOU? PATERNITY ANALYSES IN A NATURAL POPULATION OF THE RED SEAWEED *CHONDRUS CRISPUS*

*Chondrus crispus* follows an isomorphic haploid–diploid life history in which male gametophytes release non-motile spermata and fertilization is followed by zygotic amplification. The objective of this study was to understand the impacts of haploid-diploidy, male gamete dispersal and the intertidal shorescape on the genetic structure of *C. crispus*. Individual fronds were sampled every 25 cm in two 5m x 5m grids located high and low on the shore. Fronds (N=472) and cystocarps (N=565, excised from 29 female gametophytes) were genotyped using polymorphic microsatellite loci. The maternal allele at each locus can be determined from the haploid female thallus. The remaining allele is the paternal contribution. Large levels of inbreeding detected using indirect methods were supported by the paternity analyses. Larger kinship coefficients were detected between males siring cystocarps on the same female than between males in the entire population. However, only 1 of 424 sires was sampled in the populations suggesting fertilization distances of less than 25 cm. More detailed sampling of genets is necessary to resolve the high levels of inbreeding associated with low levels of genetic differentiation.

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