



# CALL FOR PAPERS

**ICCBT 2021**  
**Sep 20-21, 2021**  
**Toronto, Canada**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICCBT 2021 : International Conference on CRISPR-Based Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of CRISPR-Based Technologies. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

## CRISPR

Clustered regularly interspaced  
short palindromic repeats

The basic biology of CRISPR  
systems

Optimizing repair of  
CRISPR-generated DNA breaks

Cutting-edge CRISPR-based  
technologies for biomedical  
research

Novel applications of CRISPR for  
treating disease

Repeated sequences

CRISPR-associated systems

Cas9

Cpf1

Predecessors

Locus structure

Repeats and spacers

Cas genes and CRISPR subtypes

Mechanism

Spacer acquisition, biogenesis, and  
interference

Applications of CRISPR

Genome engineering

Knockdown/activation

RNA editing

Disease models

Gene drive

Biomedicine

Gene function

In vitro genetic depletion