### **Special Issue**

## Current Advances in Oxytocin Research

#### Message from the Guest Editor

Dear colleagues, The discovery of the pituitary neurohormone oxytocin led to the 1955 Nobel Prize in Chemistry being awarded to Vincent du Vigneaud. Evolutionarily, the anabolic effect of oxytocin makes sense since oxytocin concentrations increase during challenging situations, including pregnancy and lactation in mammals, and triggers aggressive behaviour that, in females, is important for the protection of offspring after labour, when they are most vulnerable to predators, and plasma oxytocin concentration is at its peak. From a wider perspective, this demonstrates that the effects of oxytocin are beneficial in the management of osteoporosis, body fat gain, diabetes, sarcopenia and all age-related diseases affecting elderly men and women, indicating the exciting therapeutic potential but also challenges. Thus, let this be a mission that could be celebrated in 2055, i.e., the 100th anniversary of oxytocin's discovery. As such, for this Special Issue, we invite all colleagues that have made significant contributions to studies relating to oxytocin in recent years to contribute with reviews or original research articles.

#### **Guest Editor**

Dr. Claudia Camerino

Department of Precision and Regenerative Medicine, School of Medicine, University of Bari Aldo Moro, P.za 6 G. Cesare 11, 70100 Bari, Italy

#### Deadline for manuscript submissions

closed (30 June 2025)



# Current Issues in Molecular Biology

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 3.7 Indexed in PubMed



mdpi.com/si/196445

Current Issues in Molecular Biology Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 cimb@mdpi.com

mdpi.com/journal/cimb





# Current Issues in Molecular Biology

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 3.7 Indexed in PubMed

### **About the Journal**

#### Message from the Editor-in-Chief

#### Editor-in-Chief

#### Prof. Dr. Madhav Bhatia

Department of Pathology and Biomedical Science, University of Otago, Christchurch, 2 Riccarton Avenue, P.O. Box 4345, Christchurch 8140, New Zealand

#### **Author Benefits**

#### **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PMC, PubMed, Embase, CAPlus / SciFinder, FSTA, AGRIS, and other databases.

#### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

#### **Recognition of Reviewers:**

APC discount vouchers, optional signed peer review, and reviewer names are published annually in the journal.

