## **Special Issue**

# A Special Class of Messenger Molecules in the Central Nervous System: The Neuropeptides at the Interplay between Function and Dysfunction

## Message from the Guest Editors

In the 1970s, an endogenous peptide was found in nerve cells, and the term "neuropeptide" was then introduced. Chemically, neuropeptides have a less complex three-dimensional structure and are smaller than normal proteins, but they are larger than classic neurotransmitters. Since neuropeptides and their receptors not only are present in neurons and glial cells but also are widely expressed in non-neural cells, neuropeptide functions range from neuromodulators to neuro-hormones, from immune-modulators to growth factors.

The aim of the present Special Issue is to explore and highlight the emerging roles of neuropeptide systems across several functions and dysfunctions of neurons and neural networks. The study of the impact of neuropeptides and their receptors on the pathogenesis of CNS disorders is an area that at present is almost totally unexplored, but, at the same time, may turn out to be extremely important in the design of new therapeutics. We invite authors to contribute with original research at the molecular, cellular, and tissue levels, that will help to better define the contribution of neuropeptides to various aspects of CNS physiopathology.

### **Guest Editors**

Dr. Davide Cervia

Associate Professor of Physiology, Department for Innovation in Biological, Agro-Food and Forest Systems (DIBAF), University of Tuscia, Viterbo, Italy

Prof. Dr. Giovanni Casini

Department of Biology, University of Pisa, Pisa, Italy

## Deadline for manuscript submissions

closed (30 September 2019)



# Journal of Clinical Medicine

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



### mdpi.com/si/20466

Journal of Clinical Medicine Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 jcm@mdpi.com

mdpi.com/journal/

jcm





# Journal of Clinical Medicine

an Open Access Journal by MDPI

Impact Factor 2.9 CiteScore 5.2 Indexed in PubMed





## **About the Journal**

## Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine*'s (*JCM*) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

## **Editors-in-Chief**

Prof. Dr. Emmanuel Andrès

Internal Medicine Department, University Hospital Strasbourg, 67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, University of Tokyo, Tokyo, Japan

## **Author Benefits**

### **High Visibility:**

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

### Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

## **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 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).