

## Special Issue

# Challenges and Control of Newcastle Disease Viruses

### Message from the Guest Editors

According to the OIE report on March 2021, Newcastle disease (ND) resists all efforts for full control in most geographic areas, with very few exceptions. The control of ND, as it is suggested or performed today, is obviously not reaching the final goal, which is enabling an inexpensive and affordable approach to a specific resistance to ND. Among measures directed to the control of ND, specific vaccination is the only one that offers possibilities of improvements. The model we propose is acceptable for most less-developed parts of the world, and should be done in a stepwise approach. Small hatcheries should deliver newly hatched birds which are already protected against ND. For long-lasting immunity against ND, we suggest the use of live mild strains of NDV, such as heat-resistant Ulster 2C, Queensland V4, or the recently introduced Croatian strain of NDV ZG1999HDS. This strain compared to other NDV vaccines gives much longer immunity to newly hatched chickens regardless of the level of maternal antibodies, lasting up to two months.

Prof. Bratko Filipič

---

### Guest Editors

Dr. Bratko Filipič

CIETO (Croatian Institute for Experimental and Translational Oncology),  
Koledinečka 03, 10040 Zagreb, Croatia

Prof. Dr. Hrvoje Mazija

1. CIETO (Croatian Institute for Experimental and Translational Oncology), Koledinečka 03, 10040 Zagreb, Croatia
2. Department of poultry diseases, University of Zagreb, Zagreb, Croatia

---

### Deadline for manuscript submissions

closed (24 September 2021)



## Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/82193](https://mdpi.com/si/82193)

*Life*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[life](https://life.mdpi.com)





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
life](https://mdpi.com/journal/life)



## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)