

Volume 15, Issue 4

August 2025



19 articles in this issue

Monoclonal Antibodies to a Variable Fragment of the T-Cell Receptor —At the Service of Science and Medicine

V. P. Khokhlov

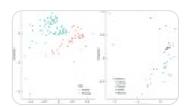
OriginalPaper | 17 August 2025 | Pages: 441 - 460



Evaluation of Gut Microbial Diversity of the Domestic Goat Capra hircus

V. V. Volodin N. S. Gladysh A. V. Kudryavtseva

OriginalPaper | 17 August 2025 | Pages: 461 - 466



<u>Domestic Goat as a Promising Animal Model for High-Level Brain</u> Function Research

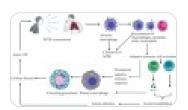
N. S. GladyshA. K. PiskunovA. V. Kudryavtseva

OriginalPaper | 17 August 2025 | Pages: 467 - 474

Role of Transcription Factor NR1H3 in the Pathogenesis of Tuberculosis

Anju KumariRajwinder Kaur

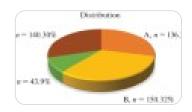
OriginalPaper | 09 July 2025 | Pages: 475 - 498



<u>Prevalence, Demographic Determinants and Awareness Level of</u> Thalassemia in Selected Areas of Malakand Division

R. ZaminR. UllahSana Ullah

OriginalPaper | 09 July 2025 | Pages: 499 - 507



The Quality of Activity and Its Importance in the Evolution of Vertebrates

V. A. Cherlin

OriginalPaper | 17 August 2025 | Pages: 508 - 512

Life History Traits and Growth Patterns of the Vulnerable Talysh Toad (*Bufo eichwaldi*) in Northern Iran: Implications for Conservation and Management

M. R. JahanshahlouH. JavanbakhtS. Vaissi

OriginalPaper | 09 July 2025 | Pages: 513 - 521



The Current Concepts of Fish Systematics

Yu. S. Reshetnikov

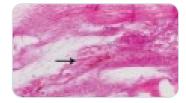
OriginalPaper | 17 August 2025 | Pages: 522 - 536



Cyto-Histological Differentiation of the Intestine at Different Stages of Development in Larvae of Ornamental Fish (*Pterophyllum scalare*)

Majeetha Parveen M

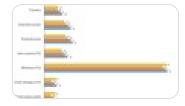
OriginalPaper | 09 July 2025 | Pages: 537 - 545



Life Cycle and Population Growth of Two Semiloopers of the Genus *Anomis* (Lepidoptera, Erebidae) on Four Malvaceous Plants

Naznin KamarNeha ChowdhuryNayan Roy

OriginalPaper | 09 July 2025 | Pages: 546 - 554



Advances in Applied Genomics of White Poplars: Results and Prospects of Genome Editing and Modification

M. O. MonastyrskayaM. A. KovalevA. V. Kudryavtseva

OriginalPaper | 17 August 2025 | Pages: 555 - 561

Microalgal Enzymes: A Possible Solution of White Pollution

Sapna JainArvind Pareek

OriginalPaper | 09 July 2025 | Pages: 562 - 571



Xylosapotrophic Fungi Associated with *Quercus robur* within the Northeastern Part of Its Range (Central and Northwestern Regions of Russia)



I. V. ZmitrovichA. B. Shishlyannikova

OriginalPaper | 09 July 2025 | Pages: 572 - 589

Pholiota swatica sp. nov. (Strophariaceae) from Swat, Pakistan

Muhammad Azeem KhanIshtiaq AhmadAbdul Nasir Khalid

OriginalPaper | 09 July 2025 | Pages: 590 - 596



Dear Readers of the Journal!

DISCUSSIONS | 17 August 2025 | Pages: 597 - 597

Book Review: Andrei P. Kozlov. *Evolution by Tumor*Neofunctionalization. The Role of Tumors in the Origin of New Cell

Types, Tissues and Organs. Amsterdam, Boston, Heidelberg, London,
New York, Oxford, Paris, San Diego, San Francisco, Singapore,
Sydney, Tokyo. Elsevier/Academic Press, 2014. Authorized Chinese

Translation by China Science Publishing & Media Ltd. (Science

Press), 2019



David A. Wheeler

DISCUSSIONS | 17 August 2025 | Pages: 598 - 600

Review of the Series of Articles: "Theory of the Evolutionary Role of Hereditary Tumors (*Carcino-Evo-Devo*): History of Development and Current State" in Four Parts Published in *Biology Bulletin*Reviews Journals in 2024

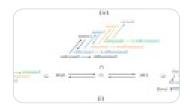
E. D. Sverdlov

DISCUSSIONS | 17 August 2025 | Pages: 601 - 602

On the Theory of Increasing Complexity by Professor A.P. Kozlov Published in a Series of Papers in 2024

V. S. Zaborovsky

DISCUSSIONS | 17 August 2025 | Pages: 603 - 606



Echo of *Carcino-Evo-Devo*. On the Beneficial Role of Inherited Tumors in the Evolution of Organisms

R. I. Ataullakhanov

DISCUSSIONS | 17 August 2025 | Pages: 607 - 622

