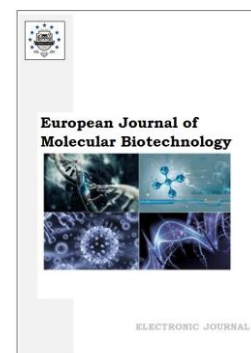


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“European Journal of Molecular Biotechnology” (2013–2023): Some Results of the Decade

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Abstract

The article is dedicated to the 10th anniversary of the “European Journal of Molecular Biotechnology”. The research material was articles published from 2013 to 2023. 102 articles were published during the specified period. Such research methods as the method of historical content analysis (historiographic/bibliographic method), the historical-typological method and the synthesis method were used in the work.

The application of molecular biotechnologies in such fields as medicine, genetics, agricultural and industrial production, etc. is analyzed.

The analysis of the articles showed that most of the research was published on human problems: medical, genetic and archaeological aspects of molecular biotechnologies, etc. In second place – research in virology, bacteriology, as well as work on crop production, animal husbandry and research of biotechnologies in agricultural production. In third place in terms of the number of publications were works on climatology, certain problems of chemistry, etc. The smallest number of articles is on research in the field of industrial production.

Keywords: journal, “European Journal of Molecular Biotechnology”, molecular biotechnologies, 2013-2023.

1. Введение

Статья посвящена 10-летию юбилею журнала «European Journal of Molecular Biotechnology», который публикует исследования по молекулярной биотехнологии. Миссия журнала, согласно информации на официальном сайте, «заключается в публикации высококачественных оригинальных результатов исследований, выполненных в области молекулярных биотехнологий. Важное значение уделяется формированию информационного пространства, направленного на повышение профессиональной компетенции специалистов данной сферы». В период с 2013 по 2023 годы было опубликовано 102 статьи.

Публикация статьи в журнале «European Journal of Molecular Biotechnology» является бесплатной, материалы размещаются в открытом доступе, разрешается их использование, копирование и тиражирование, но с обязательной ссылкой на источник. Коммерческое использование статей, размещенных в журнале, запрещено.

Для удобства восприятия мы классифицировали все статьи по сферам применения проведенного и опубликованного исследования: то есть применение молекулярных биотехнологий технологий в медицине с точки зрения человека, в аграрной промышленности, животноводстве, растениеводстве, генетике и т.п. В данной работе мы кратко проанализируем

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темы, которые поднимались на страницах журнала за прошедшие 10 лет.

2. Материалы и методы

Материалом для данной рукописи послужили исследования, опубликованные в журнале «European Journal of Molecular Biotechnology» в период с 2013 по 2023 годы.

Методологический комплекс включает в себя такие методы исследования как:

- контент-анализ / историографический / библиографический метод: применялся для анализа содержания статей, опубликованных в журнале «European Journal of Molecular Biotechnology» за прошедшие 10 лет.

- историко-типологический метод: применялся для классификации представленных в журнале трудов по тематикам/сферам исследования:

- метод синтеза: применялся для формулирования выводов исследования.

3. Результаты

Как указывалось выше, для удобства восприятия мы классифицировали все статьи по сферам применения исследования.

Биомолекулярные технологии, касающиеся человека (в том числе в медицине, генетике, археологии и пр.), анализировали такие исследователи как Н.М. Гайфуллин, А.В. Бачурин ([Gaifullin, Bachurin, 2013](#)), Д.А. Антонов ([Antonov, 2013](#)), П.А. Крылов ([Krylov, 2014](#)), А.А. Широкий, А.В. Волков, В.В. Новочадов ([Shiroky et al., 2014](#)), Р.С. Ядав, С. Тяги, Ш. Джаверия, Р.К. Гангвар ([Yadav et al., 2014](#)), В.В. Новочадов, К.А. Бовольская, С.А. Липницкая, Е.В. Первалова, Е.Ю. Шувалова, З.Н. Загребина, В.Г. Зайцев, А.А. Широкий и другие соавторы ([Novochadov, 2013](#); [Novochadov et al., 2014](#); [Shirokiy, Novochadov, 2016](#); [Novochadov et al., 2016](#)), С. Саидфар, М. Негахбан, М.М. Соурестани ([Saeedfar et al., 2015](#)), Ю.А. Шатырь, А.М. Бондарев, В.В. Новочадов, А.Б. Мулик ([Shatyr et al., 2015](#)), А.С. Аль-Рубаи, С.Т. Абд, Н.М. Кадим ([AL-Rubaee Eaman et al., 2015](#)), А.О. Зекий ([Zekiy, 2015](#)), А.С. Семенов, В.В. Булат ([Semenov, Bulat, 2016a](#); [Semenov, Bulat, 2016b](#)), Н.А. Сидорова, Ф.Д. Воронов ([Sidorova, Voronov, 2016](#)), И. Игнатов, Ю. Пешева и соавторы ([Ignatov, 2017](#); [Ignatov, Pesheva, 2018a](#); [Ignatov, Pesheva, 2018b](#)), Б. Лавсандорж, Т. Мориген ([Luvsandorj, Morigen, 2017](#)), А.Х. Аль-Хумаири ([Al-Humairi, 2019](#); [Al-Humairi et al., 2021](#)), Е.Н. Несмеянова, Ю.А. Зимина и соавторы ([Nesmeyanova et al., 2021](#)).

Молекулярные биотехнологии в аграрном производстве, растениеводстве и животноводстве освещали такие авторы как Е. Нефедьева, Т. Веселова, В. Веселовский, В. Лысак ([Nefed'eva et al., 2013](#)), В. Павлова, Е. Васичкина и соавторы ([Pavlova et al., 2013a](#); [Pavlova et al., 2013b](#)), Х. Бузид, Ф.Т. Бенали, Р. Чадли, М. Бузуина, А. Бузид, А. Бенчохра, М.М. Диф ([Bouzid et al., 2014](#); [Chadli et al., 2015](#)), А. Томер, Р. Сингх, М.К. Маурья ([Tomer et al., 2014](#)), А.С.А. Аль-Джанаби ([Ali Saeed Atiyah AL-Janabi, 2015](#); [Saeed, AL-Janabi, 2016](#)), Г.А. Геращенко, Г.Р. Ясыбаева, Н.А. Рожнова, А.В. Чемерис ([Gerashchenkov et al., 2015](#)), Д.А. Хусейн ([Hussain, 2015](#)), Ф.Р. Аль-Самарай, А.А. Аль-Казаз ([Al-Samarai, Al-Kazaz, 2015](#)), Д. Крастев, П. Пеньков и соавторы ([Krastev et al., 2016](#)), И.А.А. Ибрагим, М.М. Мохаммад, А.А. Фейсал, Х. Муса, Г.Алтине, А. Бунуну и соавторы ([Ibrahim et al., 2017](#); [Ibrahim et al., 2017](#); [Ibrahim et al., 2018](#)), В.В. Новочадов и соавторы ([Novochadov et al., 2018](#); [Novochadov et al., 2019](#)), В.Г. Зайцев, Р.Ю. Иващенко, Д.А. Куркина, А.С. Попова ([Zaitsev et al., 2019](#)), С. Борсали, Р. Чадли ([Borsali, Chadli, 2019](#)), С. Караджов, И. Игнатов, Х. Найденски, Т. Попова, В. Люпке, Г. Глухчев, Н. Колев, С. Балабанов ([Karadzhov et al., 2019](#)), П.А. Крылов и соавторы ([Krylov et al., 2022](#)).

Проблемы молекулярных биотехнологий, используемых в изучении вирусологии и бактериологии исследовали О. Мосин, И. Игнатов, Д. Складнев, В. Швец и другие соавторы ([Mosin et al., 2013](#); [Mosin, Ignatov, 2014](#); [Mosin, et al., 2014](#); [Mosin, Ignatov, 2014a](#); [Mosin et al., 2015](#); [Ignatov, Mosin, 2014](#); [Ignatov, Mosin, 2015a](#); [Mosin, Ignatov, 2015a](#); [Ignatov, Mosin, 2015b](#); [Mosin, Ignatov, 2015b](#); [Ignatov, Mosin, 2015c](#); [Ignatov, Mosin, 2015d](#); [Mosin, Ignatov, 2016](#); [Huether et al., 2020](#)), О.В. Колотова, И.В. Владимирцева, С.Н. Орлова, И.В. Соколова ([Kolotova et al., 2014](#)), Г. Глухчев и соавторы ([Gluhchev et al., 2015](#)), Х.А. Шинди, А.К. Халафалла, М.М. Гома, А.Х. Еед ([Shindy et al., 2016](#); [Shindy et al., 2018](#); [Shindy et al., 2019](#)), А.С. Афошин, Ф.В. Кочетков, Ж.И. Андреева-Ковалевская, Ж.И. Бударина, М.В. Захарова,

А.В. Лисов, А.М. Шадрин, А.А. Леонтьевский (Afoshin et al., 2017), М.Д. Давиташвили, Г.С. Азикури (Davitashvili, Azikuri, 2019), М. Эль-Идрисси (El idrissi, 2019).

Биотехнологии молекулярного уровня, применяемые в сфере окружающей среды, климатологии, химии, а также отдельные более узкие сферы применения данных технологий анализировали Д.М. Фролов, В.Г. Зайцев (Frolov, Zaitsev, 2013), И. Игнатов, О. Мосин, Б. Великов, Э. Бауэр, Г. Тыминский (Ignatov et al., 2014; Mosin, Ignatov, 2014b; Ignatov et al., 2014; Mosin et al., 2014c; Ignatov, Mosin, Ignatov, 2016; Ignatov, 2019; Ignatov, 2020; Ignatov et al., 2022; Ignatov, 2022), С. Тяги, Р. Сингх, Ш. Джаверия (Tyagi et al., 2014), В.В. Новочадов и соавторы (Novochadov et al., 2016; Krylov et al., 2020), Д. Механджиев, С. Караджов, Г. Глухчев, А. Атанасов и др. (Mehandjiev et al., 2017), А. Зеруаль, М. Эль-Идрисси, Р. Эль-Адждауи, Н. Ууриресс, С. Абурича, Н. Мазуар, А. Бенхарреф, А. Эль-Хаджби (Zeroual et al., 2017), Н. Уурисс, А. Зеруал, К. А. Гадхи, А. Бенхарреф, А. Абуририче, А. Беннамара, А. Эльхаджби (Ourhriess et al., 2017), О.В. Градов (Gradov, 2017), А. Беналлу, Х. Эль-Алауи Эль-Абдаллауи, Х.Гармес (Benallou et al., 2018a; Benallou et al., 2018b; Benallou, 2018c), Е.А. Иванцова, Н.В. Онистратенко, Н.В. Герман, П.А. Крылов, А.А. Тихонова и др. (Ivantsova et al., 2018; Krylov et al., 2019), И.Н. Онуче, А.Д. Олуватопе (Onuche, Oluwatope, 2021), С. Мукерджи, С. Дас и соавторы (Mukherjee et al., 2021).

Вопросы биомолекулярных технологий, связанных с организацией жизнедеятельности человека (работа коммунальных служб и пр.), а также в промышленном производстве исследовали И.Г. Шайхиев (Shaikhiev, 2014), И. Игнатов, О. Мосин (Mosin, Ignatov, 2014), В.В. Новочадов, П.А. Крылов (Novochadov, Krylov, 2016), А.Н. Берлина, Д.В. Сотников, С.А. Еремин, Л. Лю, Ч. Сюй, А.В. Жердев (Berlina et al., 2016), Х.А. Шинди (Shindy, 2016; Shindy et al., 2017; Shindy, 2019), А. Тунси, М.Эль-Идрисси, З. Джалиль, А. Бархуми, А. Зеруаль, М. Мбарки и др. (Tounsi, El Idrissi, 2018; Jalil et al., 2019; Aboulouard et al., 2020), М.М. Гомаа (Gomaa, 2019; Gomaa, Mahmoud, 2021), Ю.А. Зимина и соавторы (Zimina et al., 2020).

4. Заключение

В ходе проделанной работы мы можем сделать следующие выводы:

1. Больше всего исследований было опубликовано по проблемам человека: медицинские, генетические и археологические аспекты молекулярных биотехнологий и пр. На втором месте – исследования по вирусологии, бактериологии, а также работы по растениеводству, животноводству и исследованию биотехнологий в аграрном производстве. На третьем месте по количеству публикаций оказались работы по климатологии, отдельным проблемам химии и пр.

2. Наименьшее количество статей по исследованиям в сфере промышленного производства.

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«European Journal of Molecular Biotechnology» (2013–2023): некоторые итоги десятилетия

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Аннотация. Статья посвящена 10-летию юбилею журнала «European Journal of Molecular Biotechnology». Материалом исследования послужили статьи, опубликованные за период с 2013 по 2023 годы. За указанный период было выпущено 102 статьи. В работе применялись такие методы исследования как метод исторического контент-анализа (историографический/библиографический метод), историко-типологический метод и метод синтеза.

Анализируется применение молекулярных биотехнологий в таких сферах как медицина, генетика, аграрное и промышленное производство и пр.

Анализ статей показал, что больше всего исследований было опубликовано по проблемам человека: медицинские, генетические и археологические аспекты молекулярных биотехнологий и пр. На втором месте – исследования по вирусологии, бактериологии, а также работы по растениеводству, животноводству и исследованию биотехнологий в аграрном производстве. На третьем месте по количеству публикаций оказались работы по климатологии, отдельным проблемам химии и пр. Наименьшее количество статей по исследованиям в сфере промышленного производства.

Ключевые слова: журнал, «European Journal of Molecular Biotechnology», молекулярные биотехнологии, 2013–2023 гг.

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