

Profile of Infusions from Cleavers Herb Immunomodulatory Activity and Phytochemical / T. Ilina W. Skowronska N. Kashpur S. Granica // *Molecules* 2020, 25, 3721; doi:10.3390/molecules25163721

The immunomodulatory activity of the extracts and complexes of biologically active compounds of *Galium verum* L. herb / I. Shinkovenko N. Kashpur T. Ilyina A. Kovalyova // *Česká a slovenská farmacie*. – 2018. – № 67. – P. 25–29.

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TOPICS OF THE LABORATORY

1. «Immunological, virologic, clinical aspects of arrhythmogeneses in young people with idiopathic arrhythmia» NAMS 142/2018;
2. «Determination of individual features of immune response immune responses to vaccination for the personification of vaccine prophylaxis in preschool children» NAMS 143/2018;
3. Initiative theme «Features of the flow of measles outbreak in the Kharkiv region in 2017-2019»;
4. «To study the immune and genetic correlates of human anti-infectious defense» NAMS 159/2021
5. «Investigation of the clinical and immunological features of the tuberculous process against the background of herpesvirus infection in children with the development of a personalized approach to treatment» NAMS 161/2021

MONOGRAPH

- Volyansky A. Y. Features of the formation of vaccinal immunity after routine vaccination of children with chronic herpesvirus infection / A. Y. Volyansky, M. V. Smelyanskaya, S. D. Peremot, N. V. Kashpur, M. V. Kuchma // *Collective*

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PATENTS

- Patent number 132004 UA. IPC G01N33/53 / A method for predicting the possibility of adverse reactions to vaccination in children / M. V. Smilianska, N. V. Kashpur, S. D. Peremot, A. Yu. Volianskyi, M. V. Kuchma // Applicant DU «IMI NAMN». - application number u201808521. dated 06.08.2018, published 11.02.2019, Byul. No. 3.
- Patent number 133206 UA. IPC A61K38/20 / A method for predicting the risk of potentially dangerous ventricular arrhythmias in individuals without signs of structural damage to the heart / S. D. Peremot, A. Y. Volianskyi, M. V. Smilianska, N. V. Kashpur. // Applicant: DU «IMI NAMN». - application number u201810658. dated 29.10.2018 , published 25.03.2019, Byul. No. 6.
- Patent number № 140870 (UA), IPC A61K38/20. A method for predicting the risk of myocardial dysfunction in persons with idiopathic ventricular extrasystole / S. D. Peremot, M. V. Smilianska, A. Yu. Volianskyi, N. V. Kashpur, V. Ya. Peremot // Applicant DU «IMI NAMN». - application number u 2019 09288. dated 14.08.2019, published 10.03.2020, Byul. No. 3.
- Patent number № 143112 (UA), IPC G01N 33/53. A method for determining the likelihood of a decrease in post-vaccination immunity in persons with herpesvirus load / M. V. Smilianska, N. V. Kashpur, S. D. Peremot, G. M. Bolshakova, A. O. Klysa // Applicant DU «IMI NAMN». - application number u 202000829. dated 10.02.2020, published 10.07.2020, Byul. No. 13.

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1. Smilianska M. V. The state of immunity and its relationship with a specific response in children after routine MMR vaccination / M. V. Smilianska, S. D. Peremot, A. Yu. Volianskyi, N. V. Kashpur, A. O. Klysa M. B. // Southern Medical Scientific Journal. - 2019. - № 23. - P. 76–80.
2. Smilianska M. V. Correlation between the specific immune response to MMR vaccine in preschool children and cytokine production / M. V. Smilianska // Medical Forum. - 2019. - № 17. - P. 53–56.
3. Smilianska M. V. Imbalance of IgG subclasses in preschool children with different types of vaccine responses to MMR / M. V. Smilianska // Annals of Mechnikov Institute. - 2019. - № 3. - P. 35 - 38. www.imiamn.org.ua/journal.htm.
4. Peremot S. D. Persistent herpesvirus infection as an immunological trigger of polynosological conditions / M. V. Smilianska, S. D. Peremot // Medical sciences: history, the present time, the future, eu experience : International scientific and practical conference. - Wloclawek, Republic of Poland. - 27-28 september 2019. - P. 77–80.
5. Smilianska M. V. Personalization of vaccination in the context of the introduction of the 4p-medicine model in Ukraine / M. V. Smilianska // Medical Forum. - 2019. - № 18. - P. 43–47.
6. Smilianska M. V. Persistence of herpesviruses as a factor of a personalized approach to preventive vaccinations / M. V. Smilianska // Modern diagnostics and treatment methods: experience of the european union countries : International scientific and practical conference. - Lublin, Republic of Poland. - 27-28 december 2019. - P.196-199.
7. Smilianska M. V. Development of a method for determining the likelihood of a decrease in post-vaccination immunity in persons with herpesvirus load / M. V. Smilianska, N. V. Kashpur, S. D. Peremot, L. A. Khodak, T. I. Navet // Annals of Mechnikov Institute. – 2020. - N 2. www.imiamn.org.ua/journal.htm 90 DOI: 10.5281/zenodo.3885230.
8. Peremot S. D. Correlation links between immuno-genetic markers and persistent herpes infection / M. V. Smilianska, S. D. Peremot // Innovative development of science and education. Abstracts of the 1st International scientific and practical conference. ISGT Publishing House. - Athens, Greece. - 2020. - P. 21-27. URL: <http://sci-conf.com.ua>.
9. Smilianska M. V. The role of cytokine gene polymorphism in the formation of the immune response to MMR vaccine in children against the background of herpesvirus infections load / M. V. Smilianska, N. V. Kashpur, L. A. Khodak, T. I. Navet // Modern science: problems and innovations. Abstracts of the 4th International scientific and practical conference. SSPG Publish. - Stockholm, Sweden. - 2020. - P. 21-27. URL: <https://sci-conf.com.ua>.

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11. Smilianska M. V. Possible genetic control of the immune response to MMR vaccination in children / M. V. Smilianska, N. V. Kashpur, G. M. Bolshakova // Scientific achievements of modern society. Abstracts of the 9th International scientific and practical conference. Cognum Publishing House. - Liverpool, United Kingdom. - 2020. - P. 21-27. URL: <http://sci-conf.com.ua>.
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14. Peremot S. D. Immunological and virological components of the pathogenesis of idiopathic ventricular arrhythmias / S. D. Peremot, V. Ya. Peremot // Modern diagnostics and treatment methods: experience of the european union countries : International scientific and practical conference. - Lublin, Republic of Poland. - 27-28 december 2019. - P. 92- 96.
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16. Peremot S. D. The risk of myocardial dysfunction in individuals with idiopathic ventricular premature beats / S. D. Peremot, N. V. Kashpur // Abstracts of V International scientific and practical conference «Eurasian scientific congress».- Barcelona. – 17-19 may, 2020. – P. 154 – 160. URL: <https://sci-conf.com.ua>.
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