

## Curriculum vitae: Valery Lipkin



### Address

Shemyakin–Ovchinnikov Institute of  
bioorganic chemistry RAS, Moscow,  
Russia

### Contacts

<https://www.ibch.ru/en/users/2>

## Education

1970– 1982	Russia, Moscow		D.Sc. in chemistry (bioorganic chemistry)
1959– 1964	Russia, Moscow	D.I. Mendeleev Moscow chemical-engineering Institute	engineer-technologist (chemistry)

## IBCh positions

	Head
2017–to date	Principal research fellow

## IBCh memberships

Dissertation council
Scientific council
Certifying committee

## Language Proficiency

Russifn

## Awards

1981	<a href="#">Орден Дружбы Народов</a>
1982	Государственная премия в области науки и техники
1975	Премия Ленинского комсомола
1997	Премия РАН имени Ю.А. Овчинникова и именная золотая медаль

## Scientific interests

Top-level specialist in protein and peptide chemistry. Dr. V. Lipkin goes in for investigations of the proteins, involved in transmembrane signal transduction, cells differentiation and apoptosis.

## Scientific societies' membership

- Editorial Board member of “Russian Journal of Bioorganic Chemistry”;
- Member of RAS Scientific Council in bioorganic chemistry.

## Titles

Corresponding member of the Academy of Sciences

Professor

Doctor of Science (Chemistry)

## Publications

1. Studenikina AA, Mangazeeva ED, Bogachuk AP, **Lipkin VM**, Autenshlyus AI (2025). [The effect of acetylamide synthetic peptide HLDF-6 on cell differentiation in breast cancer]. *Arkh Patol* 87 (2), 5–10, [10.17116/patol2025870215](https://doi.org/10.17116/patol2025870215)
2. Kudriaeva AA, Yakubova LA, Saratov GA, Vladimirov VI, **Lipkin VM**, Belogurov AA (2023). Topology of Ubiquitin Chains in the Chromatosomal Environment of the E3 Ubiquitin Ligase RNF168. *Biochemistry (Mosc)* 88 (12-13), 2063–2072, [10.1134/S000629792312009X](https://doi.org/10.1134/S000629792312009X)
3. Danilkovich AV, Turobov VI, Palikov VA, Palikova YA, Shepelyakovskaya AO, Mikhaylov ES, Slashcheva GA, Shadrina TE, Shaykhutdinova ER, Rasskazova EA, Tukhovskaya EA, Khokhlova ON, Dyachenko IA, Ismailova AM, Zinchenko DV, Navolotskaya EV, **Lipkin VM**, Murashev AN, Udovichenko IP (2023). C-Terminal Region of Caveolin-3 Contains a Stretch of Amino Acid Residues Capable of Diminishing Symptoms of Experimental Autoimmune Encephalomyelitis but Not Rheumatoid Arthritis Modeled in Rats. *Biomedicines* 11 (10), 2855, [10.3390/biomedicines11102855](https://doi.org/10.3390/biomedicines11102855)
4. Danilkovich AV, Tikhonov DA, **Lipkin VM** (2023). Dynamics of 24 Self-Assembling H-(RADA)4-OH Peptides Complexed in Bi-Layered Structure with Layers in syn- and anti-Orientation. *Russ. J. Bioorganic Chem.* 49 (3), 538–549, [10.1134/S106816202303010X](https://doi.org/10.1134/S106816202303010X)
5. Kovalev GI, Vasileva EV, Salimov RM, Zolotarev YA, Dadayan AK, Bogachouk AP, **Lipkin VM** (2021). Influence of Subchronic Administration of the HLDF-6 Peptide on an Efficacy of the Exploratory Behavior of Inbred Mice of the Balb/c and C57Bl/6 Strains. *Russ. J. Bioorganic Chem.* 47 (1), 270–277, [10.1134/S1068162021010118](https://doi.org/10.1134/S1068162021010118)
6. Autenshlyus AI, Studenikina AA, Mikhaylova YS, Proskura AV, Varaksin NA, Sidorov SV, Bogachuk AP, **Lipkin VM**, Lyakhovich VV (2020). Influence of the hldf differentiation factor on the production of cytokines by bio-tissues of breast tissue in its non-malignant diseases and in invasive carcinoma of a non-specific type. *Biomed Khim* 66 (6), 485–493, [10.18097/PBMC20206606485](https://doi.org/10.18097/PBMC20206606485)
7. Zolotarev YA, Dadayan AK, Kozik VS, Nagaev IY, Azev VN, Gorbunova EY, Mustaeva LG, Bogachouk AP, **Lipkin VM**, Myasoedov NF (2020). Investigation of the Hydrolytic Stability of the HLDF-6-AA Antitumor Peptide by the Method of Accelerated Aging. *Russ. J. Bioorganic Chem.* 46 (6), 1044–1051, [10.1134/S1068162020060394](https://doi.org/10.1134/S1068162020060394)
8. Autenshlyus AI, Zhurakovskiy IP, Davletova KI, Bogachuk AP, Lyakhovich VV, **Lipkin VM** (2020). Influence of HLDF Differentiation Factor on Nonspecific Invasive Breast Carcinoma in vitro. *Dokl Biochem Biophys* 495 (1), 289–291, [10.1134/S1607672920060010](https://doi.org/10.1134/S1607672920060010)
9. Navolotskaya EV, Sadovnikov VB, Zinchenko DV, Zolotarev YA, **Lipkin VM**, Murashev AN (2020). Effect of the LKEKK Peptide on Human Keratinocytes. *Russ. J. Bioorganic Chem.* 46 (6), 1038–1043, [10.1134/S1068162020060229](https://doi.org/10.1134/S1068162020060229)
10. Kudriaeva AA, **Lipkin VM**, Belogurov AA (2020). Topological Features of Histone H2A Monoubiquitination. *Dokl Biochem Biophys* 493 (1), 193–197, [10.1134/S1607672920040079](https://doi.org/10.1134/S1607672920040079)
11. Autenshlyus AI, Davletova KI, Mikhaylova ES, Proskura AV, Varaksin NA, Bogachuk AP, Sidorov SV, Lyakhovich VV, **Lipkin VM** (2020). Influence of Internal and External Factors on the Production of Cytokines by Peripheral Blood Cells in Breast Cancer. *Dokl Biochem Biophys* 493 (1), 178–180, [10.1134/S1607672920040031](https://doi.org/10.1134/S1607672920040031)
12. Autenshlyus AI, Bernado AV, Davletova KI, Arkhipov SA, Zhurakovskiy IP, Mikhailova ES, Proskura AV, Bogachuk AP, **Lipkin VM**, Lyakhovich VV (2020). [Proteins and immunohistochemical markers of breast diseases]. *Biomed Khim* 66 (2), 167–173, [10.18097/PBMC20206602167](https://doi.org/10.18097/PBMC20206602167)
13. Zolotarev YA, Dadayan AK, Kozik VS, Shram SI, Azev VN, Bogachouk AP, **Lipkin VM**, Myasoedov NF (2019). Pharmacokinetics of HLDF-6-AA Peptide in the Organism of Experimental Animals. *Russ. J.*

*Bioorganic Chem.* 45 (6), 514–521, [10.1134/S1068162019050145](https://doi.org/10.1134/S1068162019050145)

14. Zolotarev YuA, Dadayan AK, Kozik VS, Shram SI, Nagaev IYu, Azev VN, Bogachouk AP, **Lipkin VM**, Myasoedov NF (2019). Proteolytic Hydrolysis of the Antitumor Peptide HLDF-6-AA in Blood Plasma. *Russ. J. Bioorganic Chem.* 45 (5), 347–352, [10.1134/S1068162019050133](https://doi.org/10.1134/S1068162019050133)
15. Navolotskaya EV, **Lipkin VM**, Садовников ВБ, Zavyalov Petrovich (2019). Cholera Toxin B Subunit and Peptide LKEKK Inhibit TNF- $\alpha$  Signaling in Intestinal Epithelial Cells and Reduce Inflammation in a Mouse Model of Colitis. *J Clin Exp Immunol* 4 (4), 1–6.
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