

## Curriculum vitae: Alla Generalova

### Address

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

### Contacts

<https://www.ibch.ru/en/users/124>

### Education

2019–to date	Russia, Moscow	M.M. Shemyakin & Yu.A. Ovchinnikov Institute of Bioorganic Chemistry	Dr. habil.
2000–2000	Russia, Moscow	M.M. Shemyakin & Yu.A. Ovchinnikov Institute of Bioorganic Chemistry	PhD in chemistry
1982–1988	Russia, Moscow	M.V. Lomonosov Moscow State Academy of Fine Chemical Technology	Ms in chemistry

### IBCh positions

2020–to date	Principal research fellow
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### IBCh memberships

Scientific council
Dissertation council

### Scientific interests

Her research interests are the synthesis of the polymer dispersions for immunoassays (*i.e.* based on magnetic nanoparticles), new methods based on the reaction latex particles agglutination, biospecific reactions, interfacial layers, and dynamic surface tension of the absorbed polymers. Her technical skills include the synthesis of polymer nano-particles by emulsion, dispersion and suspension polymerization techniques; modification of the polymer particles surfaces; biomolecule immobilization and others.

### Titles

Doctor of Science (Chemistry)
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### Grants and projects

2019–2021	=
2018–2021	=

### Publications

1. **Generalova AN**, Vikhrov AA, Prostyakova AI, Apresyan SV, Stepanov AG, Myasoedov MS, Oleinikov VA (2024). Polymers in 3D printing of external maxillofacial prostheses and in their retention systems. *Int J Pharm* 657, 124181, [10.1016/j.ijpharm.2024.124181](https://doi.org/10.1016/j.ijpharm.2024.124181)
2. Demina PA, Khaydukov KV, Sochilina AV, Rocheva VV, Ivanov AV, Akasov RA, Lin Q, **Generalova AN**, Khaydukov EV, (2023). Role of energy transfer in a nanoinitiator complex for upconversion-driven polymerization. *Materials Today Advances* 19, , [10.1016/j.mtadv.2023.100388](https://doi.org/10.1016/j.mtadv.2023.100388)
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