

Сведения об официальных оппонентах
диссертации Маклаковой Светланы Юрьевны
«Лиганды асиалогликопротеинового рецептора и конъюгаты на их основе с
терапевтическими и диагностическими агентами»

ФИО: Терентьев Александр Олегович

Ученая степень: доктор химических наук

Ученое звание: член-корреспондент РАН

Научная специальность: 02.00.03 – органическая химия

Должность: заведующий лабораторией исследования гомолитических реакций (№13)

Место работы: ФГБУН «Институт органической химии им. Н.Д. Зелинского Российской академии наук»

Адрес места работы: 119991, г. Москва, Ленинский проспект, 47

Тел.: 8 916 385 40 80

E-mail: terentev@ioc.ac.ru

Список основных научных публикаций по специальности 02.00.03 - органическая химия за последние 5 лет:

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ФИО: Воскресенский Леонид Геннадьевич

Ученая степень: доктор химических наук

Ученое звание: профессор РАН

Научная специальность: 02.00.03 – органическая химия

Должность: декан факультета Физико-математических и естественных наук, заведующий кафедрой органической химии

Место работы: ФГАОУ ВО «Российский университет дружбы народов»

Адрес места работы: 115419, г. Москва, Орджоникидзе, д. 3

Тел.: +7(495)952-26-44

E-mail: voskresenskiy-lg@rudn.ru

Список основных научных публикаций по специальности 02.00.03 - органическая химия за последние 5 лет:

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ФИО: Федорова Ольга Анатольевна

Ученая степень: доктор химических наук

Ученое звание: профессор

Научная специальность: 02.00.03 – органическая химия

Должность: заведующий лабораторией фотоактивных супрамолекулярных систем (ЛФСМС)

Место работы: ФГБУН «Институт элементоорганических соединений им. А.Н. Несмеянова Российской академии наук»

Адрес места работы: 119334, Москва, ул. Вавилова, 28

Тел.: 8-499-135-80-98

E-mail: fedorova@ineos.ac.ru

Список основных научных публикаций по специальности 02.00.03 - органическая химия за последние 5 лет:

1. Oshchepkov A.S., Shumilova T.A., Namashivaya S.R., Fedorova O.A., Khrustalev V.N., Kataev E.A. Hybrid macrocycles for selective binding and sensing of fluoride in aqueous solution // *J. Org. Chem.* **2018**. V. 83. №. 4. P. 2145-2153.
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4. Egorova B.V., Matazova E.V., Mitrofanov A.A., Aleshin G.Yu, Trigub A.L., Zubenko A.D., Fedorova O.A., Fedorov Yu.V., Kalmykov S.N.. Novel pyridine-containing azacrown-ethers for the chelation of therapeutic bismuth radioisotopes: complexation study, radiolabeling, serum stability and biodistribution // *Nucl. Med. Biol.* **2018**. V. 60. P. 1–10.
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6. Lebedeva A.Y., Fedorova O.A., Tsvetkov V.B., Grinberg V.Y., Grinberg N.V., Burova T.V., Dubovik A.S., Babievsky K.K., Fedorov Y.V. Novel 18-crown-6-ether containing mono- and bisstyryl dyes derived from pyridine moiety as fluorescent dyes for non-covalent interaction with DNA. *Dyes and Pigments.* **2018**. V. 157. P. 80–92.
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11. Berdnikova D.V., Aliyeu T.M., Delbaere S., Fedorov Yu.V., Jonusauskas G., Novikov V.V., Pavlov A.A., Peregudov A.S., Shepel' N.E., Zubkov F.I., Fedorova O.A. Regio- and stereoselective [2+2] photocycloaddition in Ba²⁺ templated supramolecular dimers of styryl-derivatized aza-heterocycles // *Dyes and Pigments.* **2017**. V. 139. P. 397–402.
12. Fedorov Yu.V., Fedorova O.A., Kalmykov S.N., Oshchepkov M.S., Nelubina Yu.V., Arkhipov D.E., Egorova B.V., Zubenko A.D. Potentiometric studies of complex formation of amidopyridine macrocycles bearing pendant arms with proton and heavy metal ions in aqueous solution // *Polyhedron.* **2017**. V. 124. P. 229–236.

13. Oshchepkov A.S., Mittapalli R.R., Fedorova O.A., Kataev E.A. Naphthalimide-based polyammonium chemosensors for anions: study of binding properties and sensing mechanisms // *Chem. Eur. J.* **2017**. V. 23. №. 40. P. 9657–9665.
14. Smolobochkin A.V., Gazizov A.S., Melyashova A.S., Voronina J.K., Strelnik A.G., Vatsadze S.Z., Burilov A.R., Pudovik M.A., Fedorova O.A., Sinyashin O.G. Tandem Intramolecular Cyclisation/1,3-Aryl Shift in N-(4,4-Diethoxybutyl)-1-Arylmethanimines (Kazan Reaction): Synthesis of 3-Benzylidene-1-Pyrrolines // *RSC advances*. **2017**. V. 7. P. 50955-50960.

Ученый секретарь диссертационного совета МГУ 02.01

Д.х.н., проф. Магдесиева Т.В.

