

Curriculum Vitae

Nino Takaishvili

27/05/1971

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1. Academic Degree

Format: Academic degree title, field/qualification/major, Institution, Year (e.g. PhD in Asian and Middle Eastern Studies, University of Cambridge, 2004.)

PhD in chemistry, Chemistry, Ivane Javakhishvili Tbilisi State University (Georgia), 2002.

2. Work Experience

Format: Years, position, department/unit, institution.

2006-present, Assistant-Professor, Department of Physical and Analytical Chemistry; Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University.

2004-2006, Associate Professor (Docent), Faculty of Chemistry, Analytical chemistry and environmental chemistry department, Ivane Javakhishvili Tbilisi State University.

2001-2004, Assistant, Faculty of Chemistry, Analytical chemistry and environmental chemistry department, Ivane Javakhishvili Tbilisi State University.

1994-2001, Laboratory Assistant, Faculty of Chemistry, Analytical chemistry and environmental chemistry department, Ivane Javakhishvili Tbilisi State University.

3. Participation in Research Projects Related to the Proposal

Format: start and end dates, donor institution, project (grant) number, project title, position in the project.

1. 25/04/2013-25/04/2016, Shota Rustaveli National Science Foundation (SRNSF), Project N 31/90. Study of enantiomer separation mechanisms in liquid chromatography with novel polysaccharide-based chiral stationary phases. Researcher.

2. 21/01/2017-21/12/2019, Shota Rustaveli National Science Foundation (SRNSF), Project N 217642. Study on enantioseparation mechanisms in capillary electrophoresis. Supporting personell.

4. List of Publications Related to the proposal

Format: authors, publication title, series, volume issue (publication date): page (s) or, book/monograph title, edition #, series publisher, city, year.

1. I. Matarashvili, D. Ghughunishvili, L. Chankvetadze, N. Takaishvili, T. Khatiashvili, M. Tsintsadze, T. Farkas, B. Chankvetadze. Separation of enantiomers of chiral weak acids with polysaccharide-based chiral columns and aqueous-organic mobile phases in high-performance liquid chromatography: Typicalreversed-phase behavior? Journal of Chromatography A, 1483, 2017, 86–92.

2. I. Matarashvili, I. Shvangiradze, L. Chankvetadze, Sh. Sidamonidze, N. Takaishvili, T. Farkas B. Chankvetadze. High-performance liquid chromatographic separation of stereoisomers of chiral triazole derivatives with polysaccharide-based chiral columns and polar organic mobile phases. Journal of Separation Science, 38(24), 2015, 4173-4179.

3. G. Jibuti , A. Mskhiladze, N. Takaishvili, M. Karchkhadze, B. Chankvetadze. Study of separation β -blockers enantiomers in HPLC using isopropanol as the eluent. International Scientific-Practical Conference. Innovative Technologies and Contemporary Materials. Collection of Works. Kutaisi State University Press. Kutaisi, 6-7 June, pp. 320-321, 2013.

4. G. Jibuti, A. Mskhiladze, N. Takaishvili, M. Karchkhadze, L. Chankvetadze, T. Farkas, B. Chankvetadze. HPLC separation of dihydropyridine derivatives enantiomers with emphasis on elution order using polysaccharide-based chiral columns. Journal of Separation Science, 2012, 35, 2529-2537.

5. Presentations at Scientific Events (Meeting, Conference, Congress etc.) (over the last 5 years)

Format: year, date, venue, host institute, event title, presentation title, authors, webpage

1. 2016, 21-23 September, International Scientific Conference, Ureki, Georgia, Shota Rustaveli National Science Foundation, R. Agladze Institute of Inorganic Chemistry and Electrochemistry of Ivane Javakhishvili Tbilisi State University, Modern researchers and Prospects of their Use in Chemistry, Chemical Engineering and Related Fields. Some characteristics of the separation of enantiomers of beta-blocker drugs using polysaccharide based chiral columns in HPLC. A. Mskhiladze, L. Chankvetadze, M. Karchkhadze, I. Giuashvili, N. Takaishvili, N. Okujava, B. Chankvetadze. www.conference.iice.ge
2. 2015, 29-31 May, Tbilisi, Georgia, Tbilisi State Medical University, TSMU I. Kutateladze Institute of Pharmacochimistry, 3rd International Conference on Pharmaceutical Sciences, Enantioseparation of some chiral beta-blocker drugs by using polysaccharide-based chiral stationary phases in high-performance liquid chromatography. A. Mskhiladze, L. Chankvetadze, M. Karchkhadze, I. Giuashvili, N. Takaishvili, N. Okujava, Kh. Gogaladze, B. Chankvetadze. <http://www.geokip.com/FILES/ICPS/ICPS-2015%20Abstract%20Book.pdf>
3. 2015, July 5-8, Tbilisi, Georgia, Ivane Javakhishvili Tbilisi State University, 26th international Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015). Separation of enantiomers of β -blocker drugs by using polysaccharide-based chiral columns in high-performance liquid chromatography. A. Mskhiladze, L. Chankvetadze, M. Karchkhadze, I. Giuashvili, N. Takaishvili, N. Okujava, Kh. Gogaladze, B. Chankvetadze. <file:///C:/Users/user/Downloads/26th%20International%20Symposium%20on%20Pharmaceutical%20and%20Biomedical%20Analysis%202015%20Tbilisi%20Book%20of%20Abstracts.pdf>
4. 2015, July 5-8, Tbilisi, Georgia, Ivane Javakhishvili Tbilisi State University, 26th international Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015). High-performance liquid chromatographic separations of stereoisomers of chiral basic agrochemicals with polysaccharide-based chiral columns and polar organic mobile phases. I. Matarashvili, I. Shvangiradze, L. Chankvetadze, Sh. Sidamonidze, N. Takaishvili, B. Chankvetadze. <file:///C:/Users/user/Downloads/26th%20International%20Symposium%20on%20Pharmaceutical%20and%20Biomedical%20Analysis%202015%20Tbilisi%20Book%20of%20Abstracts.pdf>
5. 2012, 9th – 13th September, Torun, Poland. Separation of enantiomers of chiral dihydropyridine derivatives using polysaccharide-based chiral columns in HPLC with the emphasis on the enantiomer elution order. A. Mskhiladze, G. Jibuti, N. Takaishvili, L. Chankvetadze, M. Karchkhadze, B. Chankvetadze. symposium@isc2012.pl

6. Products derived from previous research: technologies or techniques, inventions, patent applications, and/or licenses, other products, such as databases, physical collections, audio or video production, software, models/prototypes, educational aids/curricula/program, or business innovation etc. (max. 5)

No	Product Type	Product Description	Date, Registration Number of the document, Licence title/Webpage etc.

Patents

No	Title of the Invention	Filing Date	Patent-granting Organization, Country
1	Dehydration Method of $MgCl_2 \cdot 6H_2O$ AU 2008 10788 U	2008-06-27	National Intellectual Property Center of Georgia „Sakpatenti“

7. Language Proficiency

Mother Tongue Georgian

No	Foreign Language	Basic (A1, A2)	Intermediate (B1, B2)	Advanced (C1, C2)
1	English	√		
2	Russian			√