

**Assoc. Prof. Gulaim Seisenbaeva**

Department of Molecular Sciences  
Uppsala BioCenter, SLU  
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Born March 9, 1961, female, married, two children

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**Education**

- 2004** Habilitation in Materials Chemistry, SLU  
**1995-1996** Postdoc experience, 1996, Materials Chemistry and Electron Microscopy Studies, Supervisors Prof. M. Nygren and Prof. M. Sundberg, Stockholm University, Sweden  
**1985-1989** PhD in Inorganic Chemistry, Moscow State University, Russia.  
Title of thesis: Tricarboxylatouranylates (VI) of protonated amines.  
**1978-1983** MSc in in Inorganic Chemistry and Catalysis, Kazakhstan National State University.

**Professional positions**

- **From 2008 Senior Researcher at the Department of Chemistry/Department of Molecular Sciences SLU, Uppsala, Sweden**
- **2004-2007:** Senior Researcher at the Department of Energy and Technology and Department of Chemistry, SLU, Uppsala, Sweden
- **2001-2004:** Researcher, Department of Chemistry, SLU, Uppsala, Sweden
- **2000:** Assistant Lecture, Department of Chemistry, SLU, Uppsala, Sweden
- **1993-2000:** Senior Researcher at Moscow State Academy of Fine Chemical Technology, Russia
- **1992-1993:** Senior Researcher, Russia-USA Private Chemical Company "Technologia", Moscow, Russia

**On maternity leave: 1989, 1997.**

**Supervision of doctoral and post-doctoral students**

PhD: Pavel Shcheglov, PhD 2002 (co-supervisor); Gerald Spijksma, PhD 2006 (co-supervisor); Kai Wilkinson, PhD 2013 (co-supervisor); Martin Palmqvist, PhD 2017 (co-supervisor); Olesya Nikonova, PhD 2011 (**main supervisor**); Elizabeth Polido Legaria, PhD 2018 (**main supervisor**).

Post-docs: Seda Demirel Topel 2013-2014; Inna Melnyk 2013; Roman Pogorilyi, 2013-2016, Oksana Dudarko, 2015; Hiroaki Uchiyama 2014-2015; Michail Samouhos 2015-2016; Fredrik Heyman 2015-2017, Ievgen Pylypchuk, 2017 - present.

Bachelor/master works more than 20

**Teaching experience:** Teaching at all levels of undergraduate and post graduate educations in chemistry (civil engineering students (energy system) in general chemistry and PhD. students in inorganic chemistry, materials chemistry, nanotechnology, sol-gel chemistry). Responsible for course development and courses such as general chemistry 5 credits and sol-gel technique for materials 2 credits.

**Expert appointments and other external activities**

**Member of evaluation committees:** Member of examination committee for PhD defence of Catalina Vasco, SLU, September 2009; Mikaela Gustafsson, Stockholm University, April 2012; Josefin Åkerstedt, KTH, December 2012; Kristofer Eriksson, Stockholm University, April 2013; Emma M. Björk, Linköping University, November 2013; Hong Chen, Stockholm University, September 2014; Iwan Zimmermann, Stockholm University, November 2014; Rebecca Stjernberg Bejhed, Uppsala University, December 2014; Fabian Carson, Stockholm University, June 2015; Jia Liu, Uppsala University, September 2015; Bozhidar Stefanov, Uppsala University, December 2015; Kristina Spektor, Stockholm University, January 2016; Yanhang Ma, Stockholm University, June 2016; Ulrika Lagerqvist, Uppsala University, June 2016; Petter Tammela, Uppsala University, September 2016; Vlad Pascanu, Stockholm University, October 2016; Son Chen, Uppsala University, October 2016; Abrar Faisal, Luleå University of Technology, December 2016; Shengzhen Cai,

Swedish University of Agricultural Sciences, December 2016, Hu Li Uppsala University, March 2017; Sonja Pullen Uppsala University, May 2017, Fej Peng Stockholm University, October 2017; Yunchen Wang Stockholm University, November 2017, Oskar Janson, Uppsala University, October 2018.

**Member of evaluation committee for senior lecturers position:** Uppsala University, 2015

**Organisation of International conferences last 5 years**

- Sol-Gel Conference of IC, August 2018, St. Petersburg, Russia
- Inorganic days of Swedish Chemical Society (June 2017, Nynäshamn, Sweden)
- International Conference on Hydrometallurgy (June 2016, Uppsala, Sweden)
- International Sol-Gel Conference (September 2014, Suzdal, Russia)

**Member to Editorial Boards**

- From 2015, International Journal “Chemistry”

**Reviewer for scientific journals:** Materials (MDPI), Materials Chemistry and Physics, Journal of Applied Physics, Polyhedron, Catalysis Science and Technology, Applied Catalysis A, Dalton Transactions, European Journal of Inorganic Chemistry, Scientific Reports NP, Journal of Luminescence, Journal of Power Sources, Crystal Engineering Communications, Langmuir, Materials Chemistry and Physics, Environmental Monitoring and Assessment, Plant Physiology and Biochemistry, World Innovations in Engineering Education and Research.

**Reviewer for funding agencies:** Austrian Science Fund (FWF) (external expert in Chemistry), Austria; French National Research Agency (ANR) (external expert in Chemistry and Nanotechnology), National Science Center (external expert in Chemistry), Poland; Romanian National Research Council (external expert in Chemistry); National Center of Science and Technology Evaluation, Republic of Kazakhstan (external expert in Chemistry).

**Membership in professional societies and networks:** American Chemical Society (on invitation), International Sol-Gel Society, Royal Society of Chemistry, member of the board of Swedish Chemical Society, Swedish representative at the European Association for Chemical and Molecular Sciences (EuChemS).

**Invited Speaker at International Conferences in the last 5 years**

- 2018, 3-rd International Conference on NanoMaterials for health, energy and environment, Mooloolaba, Australia, invited;
- 2018, CIS Sol-Gel Conference, Sankt-Petersburg, Russia, invited, member of the international Organizing Committee;
- 2nd International Conference on Nano Materials for health, energy and environment, Mauritius, September 7– 11, 2016

International Conference on Nano Materials and Applications, 14-18 June, 2017, Bled, Slovenia 2014

**Publications**

Publications in peer-reviewed international journals – over 150 (Web of Science); Book Chapters – 4, Patents – 7. **H-index 31** (citation number 2054- Web of Science, 2879-Google Scholar).

**Grants**

In total, I have received external funding, as PI or as co-PI, including grants from the EU, Swedish Research Council (VR), Formas, Vinnova, Olle Engkvist Fond and other grant agencies.