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Born: July 30, 1971  
Moscow, Russia  
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## Education

- 1998            Ph.D. in Organic Chemistry  
                  University of Chicago, Chicago, Illinois
- 1993            Diploma with Honors in Chemistry  
                  Lomonosov Moscow State University, Moscow, Russia

## Research Experience and Positions

- 2008-present    Director  
                  Chicago Tri-Institutional Center for Chemical Methods and Library Development
- 2011-present    Professor  
                  University of Chicago
- 2006-2011       Associate Professor  
                  University of Chicago
- 2000-2006       Assistant Professor  
                  University of Chicago
- 1998-2000       Postdoctoral Associate with Professor Amos B. Smith, III  
                  University of Pennsylvania, Philadelphia, Pennsylvania
- 1993-1998       Graduate Research Assistant with Professor Viresh H. Rawal  
                  University of Chicago, Chicago, Illinois
- 1991-1993       Undergraduate Research Assistant with Professor Irina P. Beletskaya  
                  Lomonosov Moscow State University, Moscow, Russia

## Honors and Awards

- 2008            Magomedov-Scherbinina Memorial Prize, University of Rochester
- 2007            Novartis Chemistry Lectureship
- 2006            SSOCJ Lectureship Award, Japan
- 2005            GlaxoSmithKline Chemistry Research Scholar
- 2005            NSF CAREER Award
- 2004            Camille Dreyfus Teacher-Scholar Award
- 2004            Amgen Young Investigator's Award
- 2004            American Cancer Society Research Scholar
- 2003            Alfred P. Sloan Fellow
- 1998            Elizabeth R. Norton Prize for Excellence in Graduate Research

## Publications

54. Montavon, T.; Li, J.; Cabrera-Pardo, J. R.; Mrksich, M.; Kozmin, S. A. Three-Component Reaction Discovery Enabled by Mass Spectrometry of Self-Assembled Monolayers. *Nature Chem.*, **2012**, in press
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52. Cui, J.; Hao, J.; Dundas, J.; Liang, J.; Kozmin S. A. Creation and Manipulation of Common Functional Groups en Route to a Skeletally Diverse Chemical Library *Proc. Natl. Acad. Sci. USA* **2011**, *108*, 6763-6768.
51. Ulanovskaya, O.; Cui, J.; Kron, S. J.; Kozmin, S. A. A Pairwise Chemical Genetic Screen Identifies New Inhibitors of Glucose Transport *Chem. Biol.* **2011**, *18*, 222-230.
50. Pronin, S.; Kozmin, S. A. Synthesis of Streptolydigin, a Potent RNA Polymerase Inhibitor. *J. Am. Chem. Soc.* **2010**, *132*, 14394–14396.
49. Schramm, M. P.; Shubinets, V. Kozmin, S. A. Preparation and [2+2] Cycloaddition of 1-Triisopropylsiloxy-1-hexyne with Methyl Crotonate: 3-Butyl-4-methyl-2-triisopropylsiloxy-cyclobut-2-enecarboxylic Acid Methyl Ester. *Org. Synth.* **2010**, *87*, 253-263.
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47. Cui, J.; Matsumoto, K.; Wang, C. Y.; Peter, M. E.; Kozmin, S. A. Synthesis of High-Purity Chemical Library Reveals a Potent Inducer of Oxidative Stress. *ChemBioChem* **2010**, *11*, 1224-1227.
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45. Lee, H.; Suzuki, M.; Cui, J.; Kozmin, S. A. Synthesis of an Azide-Tagged Library of 2,3-Dihydro-4-quinolones. *J. Org. Chem.*, **2010**, *75*, 1756–1759.
44. Rizvi, S. A.; Neidt, E. M.; Cui, J.; Feiger, Z.; Gardel, M. L.; Kozmin, S. A.; Kovar, D. R. Identification of a Small Molecule Inhibitor of Formin-Mediated Actin Assembly *Chem. Biol.* **2009**, *11*, 1158-1168.
43. Ulanovskaya, O.; Janjic, J.; Matsumoto, K.; Schumacker, P. T.; Kron, S. J.; Kozmin, S. A. Synthesis Enables Identification of the Cellular Target of Leucascandrolide A and Neopeltolide. *Nat. Chem. Biol.* **2008**, *4*, 418-424.
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31. Zhang, L.; Kozmin, S. A. Gold-Catalyzed Assembly of Heterobicyclic Systems. *J. Am. Chem. Soc.* **2005**, *127*, 6962-6963.
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## Patents

1. Kozmin, S. A.; Janjic, J. Analogs of Leucascandrolide A. US Patent 7,569,594, August 4, 2009.
2. Kozmin; S. A; Cui, J.; Haselkorn, R.; Gornicki, P.; Ulanovskaya, O.; Kron, S. Method For Assembling High-Purity Chemical Libraries, Compounds Suppressing Acetyl Coenzyme A Carboxylase Activities Discovered By Same. US Patent Application 20100035892, February 11, 2010
3. Kozmin, S. A.; Rizvi, S. A. Synthesis And Anticancer Activity Of New Actin-Targeting Small-Molecule Agents. US Patent Application 20100217019, August 26, 2010