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Assistant Professor

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**Education:**

1995-2000	University of Belgrade, Serbia	B. Sc.	Chemistry
2000-05	University of Illinois, Urbana-Champaign (with David Y. Gin and Wilfred A. van der Donk)	Ph.D.	Chemistry

**Professional Experience:**

07/2005-06/2008	Postdoctoral Fellow, Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School (with Christopher T. Walsh)
07/2008-	Assistant Professor, Departments of Cellular and Molecular Pharmacology and Pharmaceutical Chemistry, UCSF

**Honors and Awards:**

2008	Sandler Program in Basic Sciences Opportunity Award
2007	NIH Pathway to Independence Award
2005	Damon Runyon Cancer Research Foundation Postdoctoral Fellowship
2004	University of Illinois Pines Predoctoral Fellowship
2003	Procter and Gamble Predoctoral Fellowship
2003	University of Illinois Outstanding Research Presentation Award
2003	University of Illinois Fuson Award
2002	University of Illinois Perel Predoctoral Fellowship
2001	University of Illinois Lycan Predoctoral Fellowship
2001	Teacher Rated as Excellent, UIUC Center for Teaching Excellence
2001	Serbian Chemical Society Award

**Peer-Reviewed Publications:**

Neidig, ML, Brown, CD, Light, K, **Galonić Fujimori, D**, Nolan, EM, Price, JC, Barr, EW, Bollinger, Jr JM, Krebs, C, Walsh, CT, Solomon, EI. CD and MCD of CytC3 and Taurine Dioxygenase: Role of Facial Triad in  $\alpha$ -KG-Dependent Dioxygenases, *J Am Chem Soc.* 129: 14224-31, **2007**.

**Galonić Fujimori, D**, Barr, EW, Matthews, ML, Koch, GM, Yonce, JR, Walsh, CT, Bollinger, Jr JM, Krebs, C, Riggs-Gelasco, PJ. Spectroscopic Evidence for a High-Spin Br-Fe(IV)-Oxo Intermediate in the  $\alpha$ -Ketoglutarate-Dependent Halogenase CytC3 from Streptomyces, *J Am Chem Soc* 129: 13408-9, **2007**.

**Galonić Fujimori, D**, Hrvatin, S, Neumann, CS, Strieker, M, Marahiel, MA, Walsh, CT. Cloning and Characterization of the Biosynthetic Gene Cluster for Kutznerides, *Proc Natl Acad Sci USA.* 104: 16498-503, **2007**.

**Galonić, DP**, Barr, EW, Walsh, CT, Bollinger, Jr JM, Krebs, C. Two Interconverting Fe(IV) Intermediates in Aliphatic Chlorination by the Halogenase CytC3. *Nature Chem Biol.* 3: 113-6, **2007**.

Kelly, WL, Boyne II, MT, Yeh, E, Vosburg, DA, **Galonić, DP**, Kelleher, NL, Walsh, CT. Characterization of the Aminocarboxycyclopropane-Forming Enzyme CmaC, *Biochemistry* 46: 359-68, **2007**.

Ueki, M, **Galonić, DP**, Vaillancourt, FH, Garneau-Tsodikova, S, Yeh, E, Vosburg, DA, Schroeder, FC, Osada, H, Walsh, CT. Enzymatic Generation of the Antimetabolite  $\gamma,\gamma$ -Dichloroaminobutyrate by NRPS and Mononuclear Iron Halogenase Action in a Streptomyces, *Chem Biol.* 13: 1183-91, **2006**.

**Galonić, DP**, Vaillancourt, FH, Walsh, CT. Halogenation of unactivated carbon centers in natural product biosynthesis: Trichlorination of leucine during barbamide biosynthesis, *J Am Chem Soc* 128: 3900-1, **2006**.

Ide, ND, **Galonić, DP**, van der Donk, WA, Gin, DY. Conjugation of selenols with aziridine-2-carboxylic acid-containing peptides, *Synlett* 13: 2011-4, **2005**.

**Galonić, DP**, Ide, ND, van der Donk, WA, Gin, DY. Aziridine-2-Carboxylic Acid Containing Peptides. Application to Solution- and Solid-Phase Convergent Site-Selective Peptide Modification, *J Am Chem Soc* 127: 7359-69, **2005**.

**Galonić, DP**, van der Donk, WA, Gin, DY. Convergent Site-Selective Ligation with Aziridine-2-Carboxylic Acid Containing Peptides, *J Am Chem Soc.* 126: 12712-2, **2004**.

**Galonić, DP**, van der Donk, WA, Gin, DY. Oligosaccharide-Peptide Ligation of Glycosyl Thiols with Dehydropeptides. Synthesis of S-Linked Mucin Glycopeptide Conjugates, *Chem Eur J.* 9: 5997-6006, **2003**.

Lalić, G, **Galonić, D**, Matović, R, Saičić, RN. Model Study of Epothilone Synthesis: An Alternative Synthetic Approach to the C1-C7 fragment, *J Serb Chem Soc.* 67: 221-7, **2002**.

Lalić, G, Petrovski, Z, **Galonić, D**, Matović, R, Saičić, RN. Alkylation of Carbonyl Compounds in the TiCl<sub>4</sub>-promoted Reaction of Trimethylsilyl Enol Ethers with Epoxides, *Tetrahedron* 57: 583-91, **2001**.

Lalić, G, Petrovski, Z, **Galonić, D**, Matović, R, Saičić, RN. Alkylation of Carbonyl Compounds in the TiCl<sub>4</sub>-promoted Reaction of Trimethylsilyl Enol Ethers with Ethylene Oxide, *Tetrahedron Lett.* 41: 763-6, **2000**.

#### **Review Articles:**

Neumann, CS, **Galonić Fujimori, D**, Walsh, CT. Halogenation Strategies in Natural Products Biosynthesis, *Chem Biol.* 15: 99-109, **2008**.

**Galonić Fujimori, D**, Walsh, CT. What's New in Enzymatic Halogenations, *Curr Opin Chem Biol.* 11: 553-60, **2007**.

Krebs, C, **Galonić Fujimori, D**, Walsh, CT, Bollinger, Jr JM. Non-heme Fe(IV)-Oxo Intermediates, *Acc Chem Res.* 40: 484-92, **2007**.

**Galonić, DP**, Gin DY. Chemical Glycosylation in the Synthesis of Glycoconjugate Antitumor Vaccines, *Nature* 446: 1000-7, **2007**.

Gieselman, M.D, Zhu, Y, Zhou, H, **Galonić, D**, van der Donk, WA. Selenocysteine Derivatives for Chemoselective Ligations, *ChemBioChem.* 3: 709-16, **2002**.

**Selected Presentations:**

- 2003 ACS National Meeting, New York, NY. Biological chemistry division, speaker
- 2007 ACS National Meeting, Boston, MA. Enzymatic oxidation catalysis, speaker
- 2007 Cornell University, Department of Chemistry Seminar
- 2007 University of Pennsylvania, Department of Chemistry Seminar
- 2007 University of North Carolina at Chapel Hill, Department of Chemistry Seminar
- 2007 University of Illinois at Urbana-Champaign, Department of Chemistry Seminar
- 2007 Northwestern University, Department of Chemistry Seminar
- 2007 UCLA, Department of Chemistry Seminar
- 2007 University of Minnesota, Department of Chemistry Seminar
- 2007 University of Pittsburgh, Department of Chemistry Seminar
- 2008 Harvard University, Department of Chemistry and Chemical Biology Seminar
- 2008 Stanford University, Department of Chemistry Seminar
- 2008 MIT, Department of Chemistry Seminar
- 2008 Sloan-Kettering Institute, Molecular Pharmacology and Chemistry Seminar
- 2008 UCSF, Cellular and Molecular Pharmacology and Pharmaceutical Chemistry Seminar
- 2008 Rockefeller University, Seminar
- 2008 ACS National Meeting, New Orleans, LA. Young Academic Investigators Symposium, speaker