

Curriculum Vitae

Simin Rahighi, Ph.D.

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Education

Since 7/2016	Assistant Professor, Chapman University School of Pharmacy (CUSP), Irvine, California, US.
9/2014 - 6/2016	Research Associate, Department of Structural Biology, Stanford University School of Medicine, Stanford, California, US.
4/2013 - 8/2104	Postdoctoral Fellow, Department of Structural Biology, Stanford University School of Medicine, Stanford, California, US.
11/2011 - 3/2013	Postdoctoral Fellow, Buchmann Institute for Molecular Life Sciences (BMLS), Frankfurt am Main, Germany.
10/2009 -10/2011	Postdoctoral Fellow, SBRC, Photon Factory, High Energy Accelerator Research Organization (KEK), Tsukuba, Japan.
10/2006 - 9/2009	Ph.D. in Structural Biology, Department of Materials Structure Science, Graduate University for Advanced Studies (Sokendai), and High Energy Accelerator Research Organization (KEK), Tsukuba, Japan.
5/2006 - 8/2006	Research intern in small molecule crystallography, School of Chemistry, The University of Manchester, Manchester, UK.
10/2003 - 4/2006	M.Sc. in Medical Biochemistry, Faculty of Medicine, Kerman University of Medical Sciences, Iran.
10/1999 - 9/2003	B.Sc. in Chemistry, Faculty of Science, Ferdowsi University of Mashad, Iran

Fellowships

10/2006 - 9/2009	Monbukagakusho (Japanese Government) Scholarship
10/2009 -10/2011	Japan Society for Promotion of Science (JSPS) Fellowship
1/2012 - 3/2013	European Molecular Biology Organization (EMBO) Fellowship
10/2013- 8/2014	The Katherine McCormick Advanced Postdoctoral Fellowship

Awards

2009	The Naito Foundation Subsidy for Dispatch of Young Researchers Abroad, Japan
2010	The Nagakura Research Incentive Award, Graduate University for Advanced Studies, Japan.

Publications

- Simin Rahighi, Ilana Braunstein, Nicola Ternette, Benedikt Kessler, Masato Kawasaki, Ryuichi Kato, Tsutomu Matsui, Thomas M. Weiss, Ariel Stanhill, Soichi Wakatsuki (2016). Selective binding of AIRAPL tandem UIMs to Lys48-linked tri-ubiquitin chains. **Structure** 24: 412-422.
- Peter Tufar, Simin Rahighi, Femke I. Kraas, Donata K. Kirchner, Frank Löhr, Erik Henrich, Jürgen Köpke, Ivan Dikic, Peter Güntert, Mohamed A. Marahiel, Volker Dötsch (2014). Crystal Structure of a PCP/Sfp Complex Reveals the Structural Basis for Carrier Protein Posttranslational Modification. **Chem. Biol.** 21 (4): 552-562.
- Hiroaki Fujita, Simin Rahighi, Mariko Akita, Ryuichi Kato, Yoshiteru Sasaki, Soichi Wakatsuki and Kazuhiro Iwai (2014). Mechanism underlying IKK activation mediated by the linear ubiquitin chain assembly complex (LUBAC). **Mol. Cell Biol.** 34 (7): 1322-1335.
- Simin Rahighi, Ivan Dikic (2012). Selectivity of the ubiquitin-binding modules. **FEBS Lett.** 586, 2705-2710.

- Hamid Oveisi, Simin Rahighi, Xiangfen Jiang, Yoshiaki Agawa, Ali Beitollahi, Soichi Wakatsuki, Yusuke Yamauchi (2011). Improved inactivation effect of bacteria fabrication of mesoporous anatase films with fine Ag nanoparticles prepared by coaxial vacuum arc deposition. **Chem. Lett.** 40, 420-422.
- Fumiyo Ikeda, Simin Rahighi, Soichi Wakatsuki, Ivan Dikic (2011). Selective binding of linear ubiquitin chains to NEMO in NF- κ B activation. **Adv. Exp. Med. Biol.** 691,107-114.
- Hamid Oveisi, Simin Rahighi, Xiangfen Jiang, Yoshihiro Nemoto, Ali Beitollahi, Soichi Wakatsuki, Yusuke Yamauchi (2010). Unusual antibacterial property of mesoporous titania films: drastic improvement by controlling surface area and crystallinity. **Chem Asian J.** 3, 1978-1983.
- Simin Rahighi, Fumiyo Ikeda, Masato Kawasaki, Masato Akutsu, Nobuhiro Suzuki, Ryuichi Kato, Tobias Kensche, Tamami Uejima, Stuart Bloor, David Komander, Felix Randow, Soichi Wakatsuki and Ivan Dikic (2009). Specific recognition of linear ubiquitin chains by NEMO is important for NF- κ B activation. **Cell** 136, 1098-1109.