

Curriculum Vitae

Soghra Bagheri

Assistant Professor

PhD in Biophysics

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Education:

Ph.D. in Biophysics, Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran, ۲۰۱۲

M.Sc. in Biophysics, Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran, ۲۰۰۴

B.Sc. in Biology, Faculty of Science, Razi University, Kermanshah, Iran, ۲۰۰۰

Publications in international and national refereed journals:

S. Bagheri, J. Davoodi, A. A. Saboury and A. H. Salmanian, (۲۰۱۲) A mechanistic insight into caspase-۳ inhibition by BIR1-۳ domains of XIAP and cIAP1. Journal of the Iranian Chemical Society, ۹(۵), ۶۱۵-۶۲۳.

G. Ataie, S. Bagheri, A. Divsalar, A.A. Saboury, S. Safarian, S. Namaki and A.A. Moosavi-Movahedi, (۲۰۰۷) A kinetic comparison on the Inhibition of adenosine deaminase by Purine Drugs. Iranian Journal of Pharmaceutical Research, ۶ (۱), ۴۳-۵۰.

A. A. Saboury, S. Bagheri, G. Ataie, A. A. Moosavi-Movahedi, G. H. Hakimelahi and G. Cristalli, (۲۰۰۵) A thermodynamic and kinetic study on the inhibition of adenosine deaminase by theobromine. Asian Journal of Chemistry, ۱۷, ۲۳۳-۲۳۹.

A. A. Saboury, S. Bagheri, G. Ataie, M. Amanlou, A. A. Moosavi-Movahedi, G. H. Hakimelahi, G. Cristalli and S. Namaki, (۲۰۰۴) Binding properties of adenosine deaminase interacted with theophylline. Chemical and Pharmaceutical Bulletin, ۵۲, ۱۱۷۹-۱۱۸۲.

Published abstracts:

S. Bagheri, A.A. Saboury and J. Davoodi, (۲۰۱۲) The Role of BIR₁ in Caspase Inhibition. The First International & 11th Iran Biophysical Chemistry Conference, Ardabil, Iran (۱۳-۱۵ June ۲۰۱۲). Journal of the Iranian Chemical Society, Vol. ۹, Suppl. ۱, pp. A۱-A۱۴۴.

A. A. Saboury, S. Bagheri, G. Ataie, and A. A. Moosavi-Movahedi, (۲۰۰۴) Thermodynamic studies on the interaction of theophylline with adenosine deaminase, ۴th Annual Meeting of Biophysical Society, Baltimore, Maryland, USA (۱۴-۱۸ Feb. ۲۰۰۴). Biophysical Journal, ۸۶, ۹۴a.

Oral paper presentations:

S. Bagheri, A.A. Saboury and J. Davoodi, The Role of BIR₁ in Caspase Inhibition. The First International & 11th Iran Biophysical Chemistry Conference, Ardabil, Iran (۱۳-۱۵ June ۲۰۱۲).

S. Bagheri, A.A. Saboury, G. Ataie, A.A. Moosavi-Movahedi, Binding properties of adenosine deaminase upon interaction with theophylline and theobromine. 11th Iran Biophysical Chemistry Conference, Damghan, Iran (۷-۹ Sep. ۲۰۰۴).

Memberships:

Member of Iranian Society of Biophysical Chemistry

Courses Taught:

Undergraduate:

General Physics

Physics of Anesthesia

Biophysics

Technical experiences:

Enzyme assay, Western blotting, DNA purification, Protein expression, Spectrophotometry, Expression cloning, Gel electrophoresis, Protein purification, Ligand binding assay, Circular Dichroism (CD), Chromatography methods, Polymerase chain reaction (PCR), Isothermal Titration Calorimetry (ITC), Differential Scanning Calorimetry (DSC), Protein Concentration Determination Methods