

**Iranian Dual-Use Science and Technology Bibliography**

**Volume II: IRGC Universities**

**Part I: Baqiyatallah University of Medical Sciences**

**Part II: Imam Hossein University**

**Part III: Malek Ashtar University of Technology**

Compiled By

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## **Baqiyatallah University of Medical Sciences – Selected Publications (U)**

Journal of Military Medicine, 2007, Vol. 9, p1-6, \***K. Ahmadi** and \*M. Riazipour  
Effect of T-2 Toxin on Cell Death and Nitric Oxide Release by Mice Peritoneal Macrophages  
\*Department of Immunology, Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

American Journal of Immunology, 2008, Vol. 4, p8-13, \***K. Ahmadi** and \*M. Riazipour  
T-2 Toxin Regulated Ganoderma lucidum Induced Cytokine Release  
\*Department of Immunology, Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Iranian Journal of Biotechnology, 2004, Vol. 2, p183-8, \*M.L. Mousavi, S.M. Koushsari, \*S. Nazarian, I. Rasooli and \*\***J. Amani**  
Cloning, Expression and Purification of Clostridium botulinum Neurotoxin Type E Binding Domain  
\*Department of Biology, Institute of Basic Sciences, Imam Hossein University  
\*\*Applied Biotechnology Center, Baqiyatallah University of Medical Sciences

Journal of Military Medicine, 2005, Vol. 7, p231-8, M. Saadati, \*S.H. Nazarian, M. Tavallaee, \*\***J. Amani** and H. Shirzad  
Detection of Clostridium Types A, B and E by Multiplex PCR Assay  
\*Department of Biology, Institute of Basic Sciences, Imam Hossein University  
\*\* Department of Biology, Institute of Basic Sciences, Imam Hossein University and Applied Biotechnology Center, Baqiyatallah University of Medical Sciences

Kowsar Medical Journal, 2006, Vol. 11, M. Mellat, \*M.L. Mousavi, \*\***J. Amani** and \*S. Nazarian  
Detection and Identification of Common Bacterial Pathogens by PCR-RFLP  
\*Department of Biology, Institute of Basic Sciences, Imam Hossein University  
\*\*Applied Biotechnology Center, Baqiyatallah University of Medical Sciences

Theoretical Biology and Medical Modeling, 2009, Vol.6:28, \***J. Amani**, \*\*S. Latif Mousavi, S. Rafati and \*A.H. Salmanian  
In silico Analysis of Chimeric espA, eae, and tir Fragments of Escherichia coli O157:H7 for Oral Immunogenic Applications  
\*Department of Biology, Institute of Basic Sciences, Imam Hossein University and Applied Biotechnology Center, Baqiyatallah University of Medical Sciences  
\*\*Department of Biology, Institute of Basic Sciences, Imam Hossein University and Department of Biology, Shahed University, Tehran

Kowsar Medical Journal, 2010, Vol. 15, p143-147, \*R. Khalesi, \*Sh. Nazarian, \*Z. Ehsaei, \*M. Mansouri, \*\***J. Amani**, \*J. Salimian and \*\*\*S.M. Moazzani

Optimization of Gene Expression and Purification of Enterotoxigenic Escherichia coli Recombinant LTB Protein and Antibody Production against it

\*Department of Biology, Institute of Basic Sciences, Imam Hossein University

\*\*Applied Biotechnology Center, Baqiyatallah University of Medical Sciences

\*\*\*Department of Immunology, Faculty of Medical Sciences, Tarbiat Modares University, Tehran

Biologicals, 2010, Vol. 38, p260-264, A.A. Mansour, \*\*S.L. Mousavi, \*I. Rasooli, \*S. Nazarian, \*\*\***J. Amani** and N. Farhadi

Cloning, High Level Expression and Immunogenicity of 1163-1256 Residues of C-Terminal Heavy Chain C. Botulinum Neurotoxin Type E

\*\*\*Applied Biotechnology Center, Baqiyatallah University of Medical Sciences

\*Department of Biology, Institute of Basic Sciences, Imam Hossein University

\*\*Department of Biology, Institute of Basic Sciences, Imam Hossein University and Department of Biology, Shahed University, Tehran

Daneshvar Medicine, December-January 2000-2001, Vol. 8, p45-52, N.Q. Behzadian, \***R. Ataee**, G.H. Riazi and M. Satari

The Effect of Zinc's Chelator on Clostridium botulinum Type A Toxin Activity

\*Military Health Research Center, Institute of Military Medicine and Department of Microbiology, Baqiyatallah University of Medical Sciences

Hakim, 2002, Vol. 5, p225-33, \***R. Ataee**, N.Q. Behzadian, M. Satari, G.H. Riazi and G.A. Ghorbani

The Effect of Magnesium Sulfate on Spore Germination, Outgrowth and Toxin Production of Clostridium botulinum Type A

\*Military Health Research Center, Institute of Military Medicine and Department of Microbiology, Baqiyatallah University of Medical Sciences

Kowsar Medical Journal, 2002, Vol. 7, p191-8, \***R. Ataee**, N.Q. Behzadian, M. Satari and G.H. Riazi

The Effect of Copper Sulfate on Spore Germination, Outgrowth and Toxin Production of Clostridium botulinum Type A

\*Military Health Research Center, Institute of Military Medicine and Department of Microbiology, Baqiyatallah University of Medical Sciences

Iranian Journal of Infectious Diseases and Tropical Medicine, 2002, Vol. 7, p70-5, \*R. Ataee and N.Q. Behzadian

The Effect of Different Concentrations of Culture Medium on Toxin Production and Extinction Coefficient of Botulinum Neurotoxin Type A

\*Military Health Research Center, Institute of Military Medicine and Department of Microbiology, Baqiyatallah University of Medical Sciences

Journal of Military Medicine, 2003, Vol. 4, p261-264, \***R.A. Ataee**

Could CCHF Virus be Transmitted via Air

\*Military Health Research Center, Institute of Military Medicine and Department of Microbiology, Baqiyatallah University of Medical Sciences

Journal of Military Medicine, 2005, Vol. 7, p177-85, \***R. Ataee**, A. Mehrabi-Tavana and G.H. Ghorbani

An Analysis of Recent Cholera Epidemic in the Islamic Republic of Iran

\*Military Health Research Center, Institute of Military Medicine and Department of Microbiology, Baqiyatallah University of Medical Sciences

18th Iranian Congress of Physiology and Pharmacology, 2007, Mashhad, Iran, \***F. Bahrami**, \*\*M. Yousefour, H. Mehrani, \***A. Asgari** and \***A. Khoshbaten**

Study of Variation in AchE Activity in Hippocampal Cultured Neurons Exposed to Paraoxon

\*Research Center for Chemical Injuries, Baqiyatallah University of Medical Sciences

\*\*Department of Physiology and Biophysics, Baqiyatallah University of Medical Sciences

Toxicology Letters, 2008, Vol. 180, Supplement 1, pS220, \*\***F. Bahrami**, \***M. Yousefpour**, \*\***A. Asgari** and \*\***A. Khoshbaten**

The Importance of Post Exposure Time in Neurotoxicity Induced by Paraoxon in Hippocampal Cell Culture

\*Research Center for Chemical Injuries, Baqiyatallah University of Medical Sciences

\*\*Department of Physiology and Biophysics, Baqiyatallah University of Medical Sciences

Journal of Military Medicine, 2006, Vol. 8, p119-28, \***B. Barati**, M. Saadati and M.K. Bahmani

Isolation and Detection of Enterotoxigenic Staphylococcus Aureus Type A by Multiplex PCR

\*Applied Biotechnology and Environmental Research Center, Baqiyatallah University of Medical Sciences

Iranian Journal of Biology, 2009, Vol. 21, p900-908, \***B. Barati**, M. Saadati and M. Shirazi

Detection of Staphylococcus Aureus Enterotoxigenic Type Q Isolated by PCR

\*Applied Biotechnology and Environmental Research Center, Baqiyatallah University of Medical Sciences

Kowsar Medical Journal, 2010, Vol. 15, p149-154, \***K.M. Bayat**, M. Zareei, Y. Mortazavi, H.A. Ebrahim, B. Amini, H.R. Javadi, N. Farhadi and O.F.M. Haji

Isolation, Determination and Cloning of Translocation Domain of Exotoxin from Pseudomonas Aeruginosa

\*Nano-Biotechnology Research Center, Baqiyatallah University of Medical Sciences

Kowsar Medical Journal, 1996, \***S.R.H. Doust**

Relationship of Legionella pneumophila and Free-Living Amoebae

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Yakhteh Medical Journal, 2000, Vol. 10, p13-17, \***S.R.H. Doust**

Growth Enhancement of *L. pneumophila* after Cocultivation with *Acanthamoeba*

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Yakhteh Medical Journal, 2000, Vol. 10, p59-64, \***S.R.H. Doust** and \*\*A.M. Mobarez

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\*\*Department of Bacteriology, Tarbiat Modares University, Tehran

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\***S.R.H. Doust**

The Effect of Host Cell on *L. pneumophila* Cell Wall Composition

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

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\*\*A.M. Mobarez and A. Imani

Antibacterial Effect of Garlic Extract on *L. pneumophila* Growth

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

\*\*Department of Bacteriology, Tarbiat Modares University, Tehran

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Detection of *L. pneumophila* by Polymerase Chain Reaction within Culture Negative Samples

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

\*\*Department of Bacteriology, Tarbiat Modares University, Tehran

Yakhteh Medical Journal, 2003, Vol. 4, p219-23, \***R. Hosseini Doust**, \*\*A.M. Mobarez and M. Hajia

Molecular Detection of *Legionella pneumophila* within Culture-Negative Samples

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

\*\*Department of Bacteriology, Tarbiat Modares University, Tehran

5th Iranian Congress of Microbiology, 2003, \***R. Hosseini Doust** and \*\*A.M. Mobarez

The Risk Factor of *Legionella* Infections in Tehran Hospitals

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

\*\*Department of Bacteriology, Tarbiat Modares University, Tehran

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Identification of *Legionella pneumophila* in Bronchoalveolar Lavage Fluid Specimens by PCR

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Journal of Military Medicine, 2005, Vol. 7, p239-44, \***S.R. Hosseini-Doust**, \*A. Ahmadi, \*Z. Ahmadi, \*M. Hajia, Z. Safiri and L. Golmanesh

Detection of *Brucella Abortus* by PCR Assay and Comparison with Culture Assay

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Journal of Military Medicine, 2006, Vol. 8, p231-238, \***S.R.H. Doust**, H. Hatami, M. Izadi and M.J. Hosseini

Medical Management of Infectious Disease in Natural Disasters and Biological Threats

\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Journal of Research in Medical Sciences, 2007, Vol. 12, p62-67, \***S.R.H. Doust**, \*Z. Ahmadi, \*A. Ahmadi, \*M. Hajia, \*\*M. Izadi and \*\*\*A.M. Mobarez

Detection of Brucella abortus by alkB and IS711 Based Primers

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Pakistan Journal of Biological Sciences, 2007, Vol. 10, p502-5, A.A. Imanfooladi, M. Sattari, S.N. Peerayeh, Z.M. Hassan and \***S.R. Hossainidoust**

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\* Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Research Journal of Microbiology, 2008, Vol. 3, p1-8, \*R. Shapuri, \*A.M. Mobarez, \*\*H. Ahmadi, \*\*B. Tabaraie, \*\*\***S.R.H. Doust**, \*\*\*\*A.Z. Hosseini and \*\*S.D. Siadat

Optimization of Brucella abortus Fermenter Cultural Conditions and LPS Extraction Methods for Antigen Production

\*Department of Bacteriology, Faculty of Medicine, Tarbiat Modares University, Tehran

\*\*Department of Bacterial Vaccine and Antigen Production, Pasteur Institute of Iran

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\*\*\*\*Department of Immunology, Faculty of Medicine, Tarbiat Modares University

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\*\*Department of Bacteriology, Tarbiat Modares University, Tehran

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Biological Effects of Type B Staphylococcus Enterotoxin

\*Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Biotechnology Letters, 2008, Article 18651228, \***A. Fooladi**, M. Sattari, Z. Hassan, M. Mahdavi,\* **T. Azzazi** and A. Horii

In vivo Induction of Necrosis in Mice Fibrosarcoma via Intravenous Injection of Type B Staphylococcal Enterotoxin

\*Research Center of Molecular Biology and Department of Microbiology, Baqiyatallah University of Medical Sciences

\*\*Department of Pathology, College of Medical Sciences, Baqiyatallah University of Medical Sciences

Biotechnology Letters, 2008, Vol. 30, p2053-2059, \***A.A.I. Fooladi**, \*\*M. Sattari, \*\*\*Z.M. Hassan, \*\*\*M. Mahdavi, \*\*\*\*T. Azizi and \*\*\*\*\*A. Horii

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\*Research Center of Molecular Biology and Department of Microbiology, Baqiyatallah University of Medical Sciences

\*\*Department of Bacteriology, College of Medical Sciences, Tarbiat Modares University

\*\*\*Department of Immunology, College of Medical Sciences, Tarbiat Modares University

\*\*\*\* Department of Pathology, College of Medical Sciences, Baqiyatallah University of Medical Sciences

\*\*\*\*\*Division of Molecular Pathology, Department of Pathology, Tohoku University School of Medicine, Sendai, Japan

Iranian Journal of Microbiology, 2010, Vol. 2, p135-140, \***A.A. Imani Fooladi**, \***H.R. Tavakoli** and A. Naderi

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\*Research Center of Molecular Biology, Baqiyatallah University of Medical Sciences

Environmental Health Perspectives, 2002, Vol. 110, p519-21, \***M. Ghanei** and A.A. Vosoghi  
An Epidemiological Study to Screen for Chronic Myelocytic Leukemia in War Victims Exposed to Mustard Gas

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

Journal of Medical Chemical Biological and Radiological Defense, 2003, Vol. 1, \***M. Ghanei** and Z. Allameh

Effect of Chemical Warfare Agent on Fertility

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

Iranian Journal of Radiology, 2003, Vol. 1, p1-6, \***M. Ghanei**, M. Mokhtari, M. Mirmohammad, J. Aslani and F. Nematizadeh

High Resolution Computerized Tomography of Chest in Patients Exposed to Sulfur Mustard

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

Journal of Occupational and Environmental Medicine, 2003, Vol. 45, p1136-43, S. Khateri, \***M. Ghanei**, S. Keshavarz, M. Soroush and D. Haines

Incidence of Lung, Eye, and Skin Lesions as Late Complications in 34,000 Iranians with Wartime Exposure to Mustard Agent

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

European Journal of Radiology, 2004, Vol. 52, p164-9, \***M. Ghanei**, M. Mokhtari, M.M. Mohammad and J. Aslani

Bronchiolitis Obliterans Following Exposure to Sulfur Mustard: Chest High Resolution Computed Tomography

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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Fibrogenic Cytokine Levels in Brochoalveolar Lavae Aspirates 15 Years after Exposure to Mustard Gas

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

\*\* Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences and Center for Research and Development, Tehran University of Medical Sciences

\*\*\* Biotechnology and Genetics Engineering National Research Center

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Tracheobronchial Stenosis Following Sulfur Mustard Inhalation

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

Journal of Applied Toxicology, 2004, \***M. Ghanei**

Delayed Haematological Complications of Mustard Gas

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences



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Long-Term Psychological Impact of a Chemical Weapons Attack on the Population of Sardasht, Iran

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

Iranian Journal of Allergy, Asthma and Immunology, 2005, Vol. 4, p83-90, **\*Y. Panahi**, **\*M. Ghanaei**, **\*J. Aslani** and M. Mojtahedzadeh

The Therapeutic Effect of Gamma Interferon in Chronic Brochiolitis Due to Mustard Gas

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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Measurement of Maximum Oxygen Uptake and Maximum Heart Rate in Chemically Injured Individuals and Comparison with Predicted Values

\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Research Center of Chemical Injuries and Department of Radiology, Baqiyatallah University of Medical Sciences

Pulmonary Pharmacology and Therapeutics, 2006, Vol. 19, p148-53, \***M. Ghanei**, \***Y. Panahi**, M. Mojtahzadeh, A.R. Khalil and \***J. Aslani**

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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Sohrabortpour, M. Masoumi, F. Panahi, M. Mirmohammadi, M.H. Hosseini-Akbari, F. Falahati, S. Khateri, J. Aslani, and \***M. Ghanei**

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Internal Medicine, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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\*Department of Physiology and Biophysics, Baqiyatallah University of Medical Sciences

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\*Department of Physiology and Biophysics, Baqiyatallah University of Medical Sciences

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\*Trauma Research Center Faculty, Baqiyatallah University of Medical Sciences

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The Reactivation Effect of Pralidoxime in Human Blood on Parathion and Paraoxon-Induced Cholinesterase Inhibition  
\*Department of Biochemistry, Faculty of Medicine, Baqiyatallah University of Medical Sciences  
\*\*Department of Pharmacology – Chemical Research Center, Faculty of Medicine, Baqiyatallah University of Medical Sciences

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