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## *PERSONAL DATA*

**Name**: Adeeb M. Y. Al-Zoubi

**Marital Status**: Married

**Highest Academic Degree**: Ph.D., Cellular Immunology

College of Medicine

University of Illinois at Chicago, USA, 2002.

**Current Positions**:

- **Co-Founder/Chief Scientific Officer (2019-Present)**
  Advanced Medical Solutions International (AMSI)
  Lake Worth, Florida
  USA
  www.us-amsi.com
- **Founding President/CEO (2008-Present)**
  Stem Cells Arabia, Amman, Jordan
  www.stemcellsarabia.net
- **Chairman (2021-Present)**
  International Biomedical Research and Training Center (IBRTC)
  Amman, Jordan
- **Vice President**
  International Association of Neurorestoratology
  www.ianr.org.cn

## *RESEARCH and CLINICAL INTERESTS*

- Invention and development of unique and accurate pathogen detection technologies
- Development, manufacturing and marketing of unique medical technologies and devices
- Development of superior stem cell purification and harvesting techniques from human tissues
- Identification and characterization of new populations of stem cells in human and mouse
- Stem cell transplantation in treatment of chronic human diseases
- Development of cancer immunotherapy techniques using tumor-specific lymphocytes
- Development of advanced techniques for sperm selection prior to IVF procedures

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## *PROFESSIONAL ACCOMPLISHMENTS*

- **Patent Co-Inventor:** *Biologics Detection Device (methods and apparatus for non-invasively and accurately detecting COVID-19 (e.g., severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)-infected persons using a combination of radiofrequency (RF) and infrared (IR) electromagnetic waves).* Publication Number WO/2022/159886; Publication Date: 28.07.2022; International Application No.: PCT/US2022/013690; International Filing Date: 25.01.2022.
- **Patent Co-Inventor:** *Methods and Constitutions of IG20 and DENN-SV Splice Variants*. PCT/US2004/030986, PCT Pub. No. WO2005/037303. April 28, 2005, USA.
- **Principal Investigator**, Birth of the First Child in the UK after Stem Cell Transplantation to the Father in Jordan After 18 Years of Marriage

  https://youtu.be/ALoG-n2BoHA

  https://www.youtube.com/watch?v=XsUtCznpx1M
- **Principal Investigator**, treatment of Type 1 Diabetes using purified autologous stem cells, Jordan.

  https://youtu.be/iNCYmRFfOXA

  https://youtu.be/NVQonKOEtpo
- **Principal Investigator**, first case of using purified autologous adult stem cells for treatment of cardiomyopathies in the Arab World – Jordan
  https://youtu.be/NhCuGpxJkkg
- Clinical trial using stem cells for treatment of spinal cord injuries, Jordan
  https://youtu.be/F4TTnAf6DG4
- Clinical trial for treatment of male infertility using autologous stem cells, Jordan
  https://www.youtube.com/watch?v=i6lO_cUYNmo
  https://www.youtube.com/watch?v=VVql5r3tJ9E
- Participation of stem cell educational programs
  http://www.youtube.com/watch?v=TTHe6wLlNF8&feature=player_detailpage
  https://youtu.be/B1Y-kFeNE2o

  https://youtu.be/ydh9KNLDwmw

  https://youtu.be/Zn-LVVuLAwY

  https://youtu.be/s8WlgD4v3e4
- Active promotion of research in the Arab World on the most watched Arab media

  http://www.youtube.com/watch?feature=player_detailpage&v=9q_5UFWu0Og
- Participation in anti-HIV programs
  http://www.youtube.com/watch?v=6PTTLMRcuIA&feature=player_detailpage
- Leading a pan Arab anti-smoking campaign
  http://www.youtube.com/watch?feature=player_detailpage&v=oARuUNczV-c
- Differentiation of mouse and human stem cells into neuronal cells lineages, Jordan

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- Participation in autologous, purified stem cell therapy for liver diseases, Egypt
- Establishment of stem cell treatment protocol for immune deficiencies, Jordan, Oman
- Development of a new protocol for immunotherapy of breast cancer, Jordan, USA
- Initiation of stem cell therapy protocol for treatment of neurological diseases, Dubai, UAE
- Development of *THE JORDANIAN METHOD FOR STEM CELLS®*. The JM is a registered trademark at the Ministry of Industry and Trade in Amman, Jordan. The JM encompasses the preparation of autologous, purified, and un-manipulated populations of stem cells by clinically approved methods and adhering to the highest safety parameters to be used in the treatment of chronic and untreatable diseases.
- Development of THE JORDANIAN METHOD FOR TREATMENT OF DIABETES® in collaboration with our local and global collaborators. The JMTD is a registered trademark at the Ministry of Industry and Trade in Amman, Jordan. The JMTD represents the latest scientific breakthrough in the field of stem cells and immunomodulation for treatment of Type 1 Diabetes.

**Registration of clinical trials in NIH-USA:**

1. U.S. ClinicalTrials.gov # NCT04313322. Treatment of **COVID-19** Patients Using Wharton's Jelly-Mesenchymal Stem Cells.
2. U.S. ClinicalTrials.gov # NCT02641769. Intra-Testicular Transplantation of Autologous Stem Cells for Treatment of **Non-Obstructive Azoospermia Male Infertility.**
3. U.S. ClinicalTrials.gov # NCT02687672. Transplantation of Autologous Bone Marrow or Leukapheresis-Derived Stem Cells for Treatment of **Spinal Cord Injury.**
4. U.S. ClinicalTrials.gov # NCT02644759. Transplantation of Autologous Stem Cells for the Treatment of **Type 1 Diabetes Mellitus**.
5. U.S. ClinicalTrials.gov # NCT03069209. Autologous Bone Marrow-Derived Stem Cell Transplantation in Patients with **Premature Ovarian Failure (POF).**
6. U.S. ClinicalTrials.gov # NCT02709876. Autologous Bone Marrow-Derived CD34+, CD133+, and CD271+ Stem Cell Transplantation for **Retinitis Pigmentosa.**
7. U.S. ClinicalTrials.gov # NCT02638714. Treatment **of Optic Neuropathies** Using Autologous Bone Marrow-Derived Stem Cells.
8. U.S. ClinicalTrials.gov # NCT03069170. Autologous Bone Marrow Derived Stem Cells for the Treatment of **Multiple Sclerosis**.
9. U.S. ClinicalTrials.gov # NCT03067831. Bone Marrow-Derived Autologous Stem Cells for the Treatment of **Duchenne Muscular Dystrophy**.
10. U.S. ClinicalTrials.gov # NCT03067870. Transplantation of Autologous Bone Marrow Derived Stem Cells in Patients with **Rheumatoid Arthritis**.
11. U.S. ClinicalTrials.gov # NCT03078621. Bone Marrow-Derived Stem Cell Transplantation for the Treatment of **Cerebral Palsy.**
12. U.S. ClinicalTrials.gov # NCT03067857. Autologous Bone Marrow-Derived Stem Cell Therapy for **Motor Neuron Disease.**

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## *PROFESSIONAL EXPERIENCE*

**Co-Founder/Chief Scientific Officer** **2019-Present**
**Advanced Medical Solutions International**
West Palm Beach, FL, USA

**Founding President/CEO** **2008-Present**
**Stem Cells Arabia**
Amman, Jordan

**Research Associate Professor** **2018 - 2019**
Department of Hematology/Oncology
University of Illinois College of Medicine
Chicago, IL, USA

**Clinical Assistant Professor** **2011-2017**
Department of Surgery,
University of Illinois College of Medicine in Peoria
Peoria, Illinois, USA.

**Assistant Professor in Molecular Immunology and Stem Cells** **2007-2011**
Department of Biotechnology and Genetic Engineering
College of Science
Philadelphia University
Amman, Jordan

**Scientific Consultant, Stem Cells** **2005-2011**
Miltenyi Biotec, GmbH
Bergisch Gladbach, Germany

**Assistant Professor in Molecular Immunology** **2005-2007**
Department of Biotechnology and Genetic Engineering
College of Sciences and Arts
Jordan University of Science and Technology,
Irbid, Jordan

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**Technical Product Scientist** **2002-2005**
Miltenyi Biotec, Inc.
Auburn, California, USA

**Instructor, Biological Sciences** **1997 - 2004**
Robert Morris University
Chicago, Illinois, USA

**Research Assistant** **1997 - 2001**
Department of Microbiology and Immunology
College of Medicine
University of Illinois at Chicago, USA

**Research Laboratory Manager/ Research Specialist** **1996-97**
Cell and Molecular Biology, College of Medicine
University of Illinois at Chicago, Chicago, IL USA

**Research Specialist, Molecular Immunology and Hematology** **1995-96**
Probe R&D, Diagnostic Division, Abbott Laboratories
Abbott Park, Illinois, USA

**Clinical Laboratory Specialist** **1994-97**
Rosalind Franklin University of Health Sciences/Chicago Medical School,
North Chicago, IL, USA

**Teaching/ Research Assistant** **1993-94**
Department of Biological Sciences
University of North Texas
Denton, Texas, USA

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## *EDUCATION*

**Bachelor of Science Degree in Medical Technology (1990)** **1986-90**

Department of Medical Technology, Southwestern University

Cebu City, Philippines

Chinese Language (Mandarin) Training Program **1991-93**

Normal Taiwan National University

Taipei, Taiwan R.O.C.

**1993**

Department of Biological Sciences

Master program in Biological Sciences

University of North Texas, Denton, Texas, USA

Department of Clinical Laboratory Sciences **1994-96**

Rosalind Franklin University of Health Sciences/The Chicago Medical School

North Chicago, Illinois, USA

**Master of Science Degree in Clinical Laboratory Sciences (1997)**

***Thesis****: Applications of Polymerase Chain Reaction (PCR) in Beta Thalassemia Diagnosis*

Department of Microbiology and Immunology ***1997-2002***

College of Medicine, University of Illinois at Chicago

Chicago, Illinois, USA

**Doctor of Philosophy Degree in Microbiology and Immunology (2002)**

***Thesis****: Differential Effects of Splice Variants of Human IG20 on Tumor Necrosis Factor-Alpha-Induced Apoptosis.*

**Patent Co-Inventor:** *Methods and Constitutions of IG20 and DENN-SV Splice Variants*. PCT/US2004/030986, PCT Pub. No. WO2005/037303. April 28, 2005, USA.

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## *PROFESSIONAL MEMBERSHIPS*

- **Founder and President,** *Stem Cells Arabia,* Jordan
- **Founder/Owner,** BioCell Laboratories, Jordan
- **Former President, Member**, International Stem Cell Academy, USA
- **Vice President**, International Association of Neurorestoratology, USA
- **Board Member**, Regenerative Medicine Association of Hawaii, USA.
- **Board Member**, Health Span Hawaii Summit-2019, Hawaii, USA.
- **Board Member**, Regenerative Medicine Alliance, USA.
- **Board Member**, Alliance for the Advancement of Cellular Therapies, USA.
- **Member**, American Association for Cancer Research (AACR), USA
- **Member,** American Association for the Advancement of Science (AAAS), USA
- **Member**, International Study Group for Stem Cell Therapy (ISGSCT)
- **Member,** Cell Committee, International Association of Neurorestoratology
- **Editorial Board Member**, *Frontiers in Neuroscience Journal,* International
- **Editorial Board Member**, *Oncology Reports Journal,* International
- **Editorial Board Member**, *Stem Cell Research and therapy Journal*, USA

## *CERTIFICATIONS*

- Senior Trainer, Stem Cell Resources, International Stem Cell Academy, USA **2016**
- Trainer, Stem Cell Transplantation, Stem Cells Arabia, Amman, Jordan **2011**
- Certified Trainer, Donor Lymphocyte Infusion, Miltenyi Biotec, Germany **2010**
- Certified Trainer, Flow Cytometry, Miltenyi Biotec, Germany **2009**
- Certified Trainer, CD133+ Stem Cell Purification, Miltenyi Biotec, Germany **2007**
- Certified Trainer, CD8+ T Cell Depletion, Miltenyi Biotec, Germany **2007**
- Certified Trainer, CD34+ Stem Cell Purification, Miltenyi Biotec, USA **2005**
- Certified Trainer, Cytokine Secretion, Miltenyi Biotec, USA **2003**

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## *SCHOLARSHIPS, AWARDS AND HONORS*

- **Special Recognition: His Majesty King Abdullah II**, for Treatment of Male Infertility **2017**
- **1st Place Winner:** *Stem Cells in Male Infertility* International Stem Cell Academy, USA **2016**
- **Best Research Award,** Alliance for the Advancement of Cellular Therapies, USA **2015**
- **Best Clinical Research Award**, American Association for Blood Banks, USA **2015**
- **Excellence in Research Award,** Philadelphia University, Amman, Jordan **2011**
- **Excellence in Nano-Biotechnology Research**, United Arab Emirates University, UAE **2008**
- **Outstanding Researcher Award**, Pan Arab Spine Society, Tunisia **2007**
- **Shining Star Award, Cytokine Secretion,** Miltenyi Biotec, Auburn, CA, USA **2002**
- **Graduate College Fellowship,** UIC, Chicago, IL **2000**
- **Graduate College Scholarship**, University of Illinois at Chicago (UIC) **1997-2001**
- **Excellence in Research Award**, Abbott Laboratories, Abbott Park, IL **1996**
- **Int'l Mandarin Training Award** (two awards), NTNU, Taipei, Taiwan, R.O.C. **1992**
- **AIDS Research Annual Award**, Southwestern University, Cebu City, Philippines **1989**

## *PATENTS*

1. **Co-Inventor:** ***Biologics Detection Device*** (methods and apparatus for non-invasively and accurately detecting COVID-19 (e.g., severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)-infected persons using a combination of radiofrequency (RF) and infrared (IR) electromagnetic waves). **Publication Number WO/2022/159886; Publication Date: 28.07.2022; International Application No.: PCT/US2022/013690; International Filing Date: 25.01.2022.**

2. **Co-Inventor:** ***Methods and Constitutions of IG20 and DENN-SV Splice Variants. PCT/US2004/030986, PCT Pub. No. WO2005/037303. April 28, 2005.***

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## *PUBLICATIONS*

### *Select Peer Reviewed Papers:*

1. **Al-Zoubi AM**, Efimova EV, Kaithamana S, Martinez O, El-Idrissi MA, Dogan RE, and Prabhakar BS. Contrasting effects of IG20 and its splice isoforms, MADD and DENN-SV, on tumor necrosis factor alpha-induced apoptosis and activation of caspase-8 and -3. *J BiolChem* (2001) Dec 14; 276(50): 47202-11
2. **Al-Zoubi AM**, Efimova EV, Martinez O, Kaithamana S, Lu SF, Arima T, and Prabhakar BS. IG20, in Contrast to DENN-SV, (MADD Splice Variants) Suppresses Tumor Cell Proliferation, and Enhances their Susceptibility to Apoptosis and Cancer Drugs. *Oncogene* (2004) 23, 1076-1087.
3. **Al-Zoubi A**, Jamous M, Khabaz MN, Khaledi R, Al Khateeb M, Al-Zoubi Z. Purification of mouse bone marrow-derived stem cells promotes ex vivo neuronal differentiation. *Cell Transplant* (2010)19(2):193-202.
4. **Adeeb AlZoubi** and Farah Khalifeh. The effectiveness of stem cell therapies on health-related quality of life and life expectancy in comparison with conventional supportive medical treatment in patients suffering from end-stage liver disease. *Stem Cell Research & Therapy* (2013), **4**:16.
5. **Al-Zoubi A**, Jafar E, Jamous M, Al-Twal F, Al-Bakheet S, Zalloum M, Khalifeh F, Radi SA,El-Khateeb M,Al-Zoubi Z. Transplantation of Purified Autologous Leukapheresis- Derived CD34+ and CD133+ Stem Cells for Patients with Chronic Spinal Cord Injuries: Long- term Evaluation of Safety and Efficacy. *Cell Transplant*. (2014) Nov 4.
6. Huang H, Sun T, Chen L, Moviglia G, Chernykh E, Wild K, Deda H, Kang K, Kumar A, Jeon S, Zhang S, Brunelli G, Bohbot A, Soler M, Li J, Cristante A, Xi H, Onose G, Kern H, Carraro U, Saberi H, Sharma H, Sharma A, He X, Muresanu D, Feng S, Otom A, Wang D, Iwatsu K, Lu J, and **Al-Zoubi A**. Consensus of Clinical Neurorestorative Progress in Patients with Complete Chronic Spinal Cord Injury. *Cell Transplant*. (2014), 23(1): 5–17, Review.
7. **AlZoubi A**, AlZoubi R, AlSheyab F, Khalifeh F, and El-Khateeb M. Purification of IFNγ-secreting, effector T lymphocytes that induce apoptosis in cancer cells. *Integr Mol Med,* (2015), **2** (5): 317-325.
8. **Adeeb AlZoubi**, Hazem Haboob, Sameh Al-Bakheet, Marwa Tapponi, Mahasen Zalloum, Samer Abu Radi, Farah Khalifeh, Shahed Sarayrah, Feras AlTwal, Jamil Hermas, Mohammed El-Khateeb, Mark Holterman. Utilization of Purified Autologous Peripheral Blood-Derived Stem Cells, Combined with Immune Modulation by Cord Blood Mesenchymal Stem Cells in Treatment of Type 1 Diabetes Mellitus: A Jordanian Pilot Study. *Transfusion. Supplement* (2015) **55**:2A, CBS1503.

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9. **Al-Zoubi A**, Altwal F, Khalifeh F, Hermas J, Al-Zoubi Z, Jafar E, El-Khateeb M. Ex vivo differentiation of human bone marrow-derived stem cells into neuronal cell-like lineages. *Journal of Neurorestoratology* (2016). (4) 44-35.
10. Huang H, Young W, Chen L, Feng S, Al Zoubi ZM, Sharma HS, Saberi H, Moviglia G, He X, Muresanu D, Sharma A, Otom A, Andrews R, Al-Zoubi A, Bryukhovetskiy A, Chernykh E, Ska-Janik KD, Jafar E, Johnson WE, Ying Li, Li D, Luan Z, Mao G, Shetty AK, Siniscalco D, Skaper S, Tiansheng Sun T, Wang Y, Wiklund L, Xue Q, You S, Zheng Z, Dimitrijevic MR, El Masri WS, Sanberg PR, Xu Q, Luan G, Chopp M, Cho KS, Zhou XF, Wu P, Liu K, Mobasheri H, Ohtori S, Tanaka H, Han F, Feng Y, ZhangSC, LuYJ, Zhang ZC, Rao YJ, Tang ZP, Xi HT, Wu L, Shen SJ, Xue MZ, Xiang GH, Guo XL, Yang XF, Hao YJ, Hu Y, Jinfeng Li JF, AO Q, Wang, Zhang Z, Lu M, and Li T. Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). *Cell Transplantation*（2018), Vol. 27(2) 310–324.
11. Hongyun Huang, Lin Chen, Paul R. Sanberg, Milan Dimitrijevic, Ashok K. Shetty, Hari Shanker Sharma, Ping Wu, Andrey Bryukhovetskiy, Ziad M. Al-Zoubi, Michael Chopp, Wise Young, Hooshang Saberi, Gustavo Moviglia, Anna Sarnowska, Alok Sharma, Xijing He, Dafin F. Muresanu, Sang Ryong Jeon, Shiqing Feng, Kyoung-Suok Cho, Edgardo O. Alvarez, Magdalena Kuzma-Kozakiewicz, Damien Kuffler, Ali Otom, Mario Herrera-Marschitz, Francisco Moniche, Georgios Koliakos, Qiang Ao, Xiaodong Guo, Klaus R.H. von Wild, Liming Cheng, Adeeb Al-Zoubi, Jianhua Zhao, Xiaoling Guo, Gengsheng Mao, Fabin Han, Yong Hu, Mengzhou Xue, Jinggui Song, Xinzhong Zhang, Xu Chen, Lukui Chen, Zuncheng Zheng, Dong Wang, Wenchuan Zhang, Liyan Qiao, Guanghong Xiang, Jing Liu, Robert Chunhua Zhao, Qiqing Zhang. Beijing Declaration of International Association of Neurorestoratology (2023 Xi'an Version) April 2023. *Journal of Neurorestoratology*. Vol. 11(2):100055.
12. **Adeeb AlZoubi**, Ziad AlZoubi, Emad Jafar, Sameh Al-Bakheet, Marwa Tapponi, Mahasen Zalloum, Samer Abu Radi, Feras AlTwal, Jamil Hermas, Mohammed El-Khateeb. Transplantation of Leukapheresis-Derived Purified Autologous CD34+ and CD133+ Stem Cells for Patients with Complete Spinal Cord Injuries: A novel Method for Preserving the Immune Privilege of the CNS. *Manuscript in preparation*.
13. **Al-Zoubi A,** El-Khateeb M, Al-Zoubi R, AlSarayreh S. IL-2 Abrogates MCF7 Cancer Cell-Mediated Inhibition of IFN-g Secretion by T Cells. *Submitted for publication*.
14. **Al-Zoubi A**. A Novel Method for The Analysis and Purification of Viable Antigen-Specific, Cytokine-Secreting Cells. **Invited review** for *Clinical and Applied Immunology Reviews*. *Manuscript in preparation*.
15. **Al-Zoubi A,** Asal A, El-Khateeb M. Role of hnRNPK in Regulating Alternative Splicing IG20 mRNA. *Manuscript in preparation*.

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**Select Abstracts/Conference Posters:**

16. **Adeeb M. Al-Zoubi**, Elena V. Efimova, Shashi Kaithamana, Osvaldo Martinez, Bellur S. Prabhakar: Splice Isoforms of Human IG20: Genomic Organization, Tissue Distribution and Differential Effects on TNFα-Induced Apoptosis. Abstract 770.5; FASEB *Annual Meeting of Experimental Biology* (2002) 16 (5): p-A1083.
17. Elena V. Efimova, **Adeeb M. Al-Zoubi**, Shashi Kaithamana, Rukiye E. Dogan, Osvaldo Martinez, Bellur S. Prabhakar: Differential Effects of IG20 and Its Splice Isoform, DENN-SV, on Cell Proliferation and Apoptosis. Abstract 770.6; FASEB *Annual Meeting of Experimental Biology* (2002) 16 (5): p-A1083.
18. Abdallah Al-Eweidi Al-Abbadi, **Adeeb Al-Zoubi**, and Mona Kilani. Stem cell manipulation: Jordan University Hospital experience. *The Second International Jordanian Congress of Allergy and Immunology, Amman, Jordan, May-June, 2007.*
19. **Adeeb Al-Zoubi**, Mohammad El-Khateeb, Mona Kilani, Abdallah Al-Eweidi Al-Abbadi. Special Protocols in Stem Cell Purification. *The Second International Jordanian Congress of Allergy and Immunology, Amman, Jordan, May-June, 2007*
20. **Adeeb Al-Zoubi** and Mohammad Jamous. Treatment of Spinal Cord Injuries Using CD271+ Stem Cells. *5th Pan Arab Spine Congress, Tunis, Tunisia, October, 2007.*
21. **Adeeb M. Al-Zoubi**, Abdallah K. Al Asal, Mohammed El-Khateeb. Molecular Control of Cancer Cell Apoptosis by Regulating Alternative Splicing of IG20 pre-mRNA. *Proffered talk at the International Conference of The American Association for Cancer Research, 2008.*
22. **Adeeb M. Al-Zoubi**, Rahaf M. Al-Zoubi, Mohammad S. El-Khateeb.MCF7 breast cancer cells inhibit TNF-A production by CD8+ T cells. *Personalized Cancer Medicine/Therapies Conference of The American Association for Cancer Research. 2008.*
23. **Adeeb Al-Zoubi**, Mohammed Jamoos, Ziad Al-Zoubi. Magnetic Purification of CD133+ Pluripotent Stem Cells by Nano-Particles for Treatment of Spinal Cord Injuries. *2nd International Conference on Nanotechnology. November 17-20, 2008, Abu-Dhabi, UAE.*
24. **A. Al-Zoubi**, M. Alexander, B. Prabhakar. Sensitive Purification of Minute Amounts of Messenger RNA Using Nano-Magnetic Beads. *2nd International Conference on Nanotechnology. November 17-20, 2008, Abu-Dhabi, UAE.*
25. **A. Al-Zoubi**, R. Al-Zoubi, M. El-Khateeb. Magnetic Purification of Breast Cancer-Specific Immune Cells by Super Para-Magnetic Nano-Particles. *2nd International Conference on Nanotechnology. November 17-20, 2008, Abu-Dhabi, UAE.*
26. **A. Al-Zoubi**, A. A. Al-Abbadi. Magnetic purification of stem cells in treatment of hemoglobinopathies and hematological malignancies: A Jordan University Experience. *2nd International Conference on Nanotechnology. November 17-20, 2008, Abu-Dhabi, UAE.*
27. **A. M. Al-Zoubi,** A. K. Al Asal, M. El-Khateeb. Utilization of super para-magnetic nano particles in discovering new proteins involved in molecular control of cancer cell death. *2nd International Conference on Nanotechnology. November 17-20, 2008, Abu-Dhabi, UAE.*

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28. **Adeeb Al-Zoubi**, Mohammed Jamoos, Ziad Al-Zoubi. Utilization of Purified CD133+ Stem Cells for Treatment of Spinal Cord Injuries. *1st Alexandria International Congress on Tissue Engineering. February 13-16, 2009. Alexandria, Egypt.*
29. **Adeeb Al-Zoubi**, Mohammed Jamoos, Ziad Al-Zoubi. Utilization and Safety Considerations of Purified Autologous CD34+ and CD133+ Stem Cells in Treatment of Spinal Cord Injuries. *7th International Symposium on Experimental Spinal Cord Repair and Regeneration. February 19-21, Brescia, Italy.*
30. Ziad M. Al Zoubi, **Adeeb Al-Zoubi**, Mohammed Jamoos: Treatment of Spinal Cord Injuries Using Purified Stem Cells - A Jordanian Experience. *2nd International Association of Neurorestoratology Annual Conference. April 24-26, 2009. Beijing, China.*
31. **Adeeb Al-Zoubi**. Treatment of Spinal Cord Injuries Using Bone Marrow-Derived CD34+ and CD133+ Stem Cells: A Jordanian Experience. Autologous Stem Cells, Bath, UK, September 20-21, 2009.
32. **Adeeb AlZoubi**. Stem Cells in Health and Disease. Stem Cells & Regenerative Medicine Asia, Seoul, Korea, October, 2010
33. **Adeeb AlZoubi**, Najeeb Layyous. Utilization of Autologous Bone Marrow-Derived Stem Cells in Treatment of Male Infertility, Proceedings of the 5th Joint Annual Conference of The British Royal College of Gynecology and The Jordanian Association of Gynecology, March, 2011, Amman, Jordan.
34. **Adeeb AlZoubi**. Stem Cells: A global Perspective. Proceedings of the Combined Conference of The International Association of Neurorestoratology (IANR IV), Global College of Neuroprotection & Neuroregeneration GCNN 8th, and American Society for Neural Therapy and Repair (ASNTR) conference. April, 2011, Amman, Jordan.
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