

Prof. Nasser Ghaly Yousif/ Medical Oncology/Hematology

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Current Position

Prof. Faculty member/ Dep. of Medicine, Al-Muthanna Medical college/January 15, 2015

Education

Professor/ Colorado University, January 14, 2014
PhD Medical oncology/hematology, University of Colorado, July 12, 2012
MRCP Oncology, UK 2012
Medical oncology/hematology PhD program 2007-2012
Assistant professor/ Colorado University, 2008
Colorado University Faculty member, 2006
MRCP Physician, UK 2006
Medical Oncologist/March 2005/Anschutz Cancer Pavilion, 1665 Aurora Court, Suite 2257,
Aurora, CO 80045
Medical oncology fellowship/ Colorado University/ Aurora, Colorado 80045, January 2000-2004
Residency program/ University of Colorado hospital 1996-1999
M.D. Basrah University/Iraq, 1991

Honors and Awards

1. MD Anderson cancer center prize 2015
2. The conquer cancer foundation grant 2014
3. Travel grant, shock meeting 2013
4. Travel grant, shock meeting 2012
5. NIH 2009-2011
6. ESMO travel word 2008
7. ASCO young investigator ward 2006
8. NIH 2004 collaboration with Prof Meng lab

Publications

1. **Ali Hassan AI-Timimi, Nasser Ghaly Yousif.** Immunohistochemical determination of estrogen and progesterone receptors in breast cancer: pathological correlation and prognostic indicators. *American Journal of BioMedicine* 2014; 2(12):1229-1239.
2. **Michael Philip, Edwin Looney, Nasser Ghaly Yousif, Kim A Schwager, et al.** Mechanistic role of microRNA in breast cancer cell activity. *Pathophysiology of cell injury* 2014; 2:22-34.
3. **Nasser Ghaly Yousif.** Fibronectin promotes migration and invasion of ovarian cancer cells through up-regulation of FAK–PI3K/Akt pathway. *Cell biology international* 2013; 38 (1), 85-91.
4. **WA Everett, NG Yousif, L Ao, JC Cleveland, X Fullerton David A, Meng.** Ghrelin reduces myocardial injury following global ischemia and reperfusion via suppression of myocardial inflammatory response. *American journal of BioMedicine* 2013; 1(2):38-48.
5. **H Slimani, Y Zhai, NG Yousif, L Ao, Q Zeng, DA Fullerton, X Meng.** Enhanced monocyte chemoattractant protein-1 production in aging mice exaggerates cardiac depression during endotoxemia. *Crit Care* 2014; 18:527.
6. **F.G. Al-Amran, N.G. Yousif, X.M. Meng.** A TLR4-MCP-1-macrophage IL-18 cascade plays a major role in myocardial injury and cardiac dysfunction after permanent ischemia. *Journal of Surgical Research* 2011; 165 (2): 265-266.
7. **Nasser G. Yousif, Lihua Ao, Joseph C. Cleveland Jr, David A. Fullerton, and Xianzhong Meng.** Aging augments myocardial inflammatory response to ischemia and reperfusion: an obligatory role of TLR4. *Shock* 2012; 37: Issue - p 31–119.
8. **Nasser G Yousif, Jilin Li, Lihua Ao, Chunhua Jin, David A Fullerton, Charles A Dinarello, Xianzhong Meng.** Expression of Human Interleukine-37 Protects Mouse Heart Against Ischemic Injury Through Suppression of Monocyte Chemoattractant Protein-1-Mediated Mononuclear Cell Accumulation. *Circulation*, 2011; 124: A8603.
9. **Nasser Ghaly Yousif, Fadhil G Al-amran.** Novel Toll-like receptor-4 deficiency attenuates trastuzumab (Herceptin) induced cardiac injury in mice. *BMC Cardiovasc Disord* 2011; 11: 62.
10. **Nasser Ghaly Yousif, Li, J., Ao, L., Reece, T., Weyant, M.J. Cleveland, J.C. Fullerton, D.A. Meng, X.** Ghrelin Reduces Myocardial Injury Following Global Hypothermic Ischemia/Reperfusion Via Suppression Of The Myocardial Inflammatory Response. *Journal of Surgical Research* 2011; 165 (2): 0022-4804.
11. **Nasser Ghaly Yousif, Abdallah Ali Deb, Majid Al-Matwari, Husham J. Mousa.** Prognostic impact of expression Notch-1 in invasive bladder transitional cell carcinoma. *J Clin Oncol* 2012; 30:(suppl 5; abstr 299)
12. **NG Yousif, S Alhasani, H Slimani, J Doug, BI Mohammad, S Machil** The role of IL-23 in regulating metastatic prostate cancer through STAT-3/ROR-gamma signaling. *Journal of clinical oncology* 2013;32:4.
13. **NG Yousif, C Schumann.** Differences in the survival rate between premenopausal and postmenopausal women with lung cancer: US SEER database. *American journal of BioMedicine* 2014; 2(3):315–322.
14. **Nasser Ghaly Yousif.** Over expression of Notch-1 induced tamoxifen resistance through down regulation of ESR1 in positive estrogen receptor breast cancer. *J Clin Oncol* 2012; 30: (suppl; abstr e11046).

15. **Nasser Ghaly Yousif.** Novel therapeutic role of siglec-E in down-regulation TLR4-mediated inflammatory response after global myocardial ischemia and reperfusion. *Cardiovascular research* 2014; 103:s90. doi: 10.1093/cvr/cvu091.169
16. **Nasser Ghaly Yousif, Katrina J. Doug.** High level expression of JAG1 and Notch1 is associated with a poor overall survival rate of cervical cancer. *The Journal of Obstetrics and Gynaecology Research* (in press).
17. **Yousif, Nasser, Lee, Cheng- Shu; Martin, Lewis, Leman, Kerstin.** Novel insight: Fibronectin promotes migration and invasion of ovarian cancer cells through up-regulation of FAK–PI3K/Akt pathway. *Cancer Science* (in press).
18. **Najah Hadi, Nasser Ghaly Yousif, Fadhil G. Al-amran, Nadhem K. Huntei, Bassim I Mohammad, Sadiq J Ali.** Vitamin E and Telmisartan attenuates doxorubicin induced cardiac injury in rat through down regulation of inflammatory response. *BMC Cardiovascular Disorders* 2012, 12:63.
19. **Yousif NG, Al-Amran FG, Lee J, Adrienne J.** Expression of IL-32 modulates NF- κ B and p38 MAP kinase pathways in human esophageal cancer. *Cytokine*. 2013;61(1):223-7.
20. **Hadi NR, Yousif NG, Abdulzahra MS, Mohammad BI, Al-Amran FG, Majeed ML, Yousif MG.** Role of NF- κ β and oxidative pathways in atherosclerosis: Cross-talk between dyslipidemia and Candesartan. *Cardiovasc Ther*. 2013 Apr 9. doi: 10.1111/1755-5922.12033.
21. **AJ Danielson, NG Yousif, DG Wang, AF Maltzman, HG Johnston.** Letrozole versus anastrozole in postmenopausal women with chemotherapy-refractory negative HER-2 metastatic breast cancer: a randomised, multicentre, open-label, non-inferiority phase 3 study. *American journal of BioMedicine*.
22. **NR Hadi, NG Yousif.** Crucial role of TLR2 ligation to exaggerated interleukine-8/macrophage inhibitory protein-2 following myocardial ischemia in rat. *Cardiovascular research* 2014; 103: S123-S123.
23. **HS Slimani, Z Yufeng, NG Yousif, L Ao, D Fullerton, C Dinarello, X Meng.** Critical role IL-37 to ameliorate endotoxemic cardiac depression in aging mice: a critical role of suppression cardiodepressant cytokines. *Cardiovascular research* 2014; 103: S92-S92.
24. **BI Mohammad, MNA Shammery, RHA Mageed, NG Yousif.** Herbal extract targets in *Leishmania tropica*. *Journal of Parasitic Diseases*;2014

Revised manuscripts

1. Leukotriene biosynthesis inhibition ameliorates acute lung injury following hemorrhagic shock in rats *J Cardiothorac Surg*. 2011 Jun 7; 6: 81.
2. Autonomic cerebral vascular response to sildenafil in a diabetic patient. *Diabetology & Metabolic Syndrome .Research*, Web: <http://www.dmsjournal.com/>
3. Effect of thyroid hormone analogue (DITPA) on renal ischemia/ reperfusion injury in a mouse model *Scholars' Research Journal*.
4. Computerized Stimulation Parameter Adjustment that Avoids Side Effects and Minimizes Power Consumption for Deep Brain Stimulation in Parkinson's Disease ' Wei-Yi Chuang, Paul C.-P. Chao, Kuu-Young Young and Sheng-Tzung Tsai *BioMedical Engineering OnLine Research*.
5. The effect of Metformin on Methotrexate induced hepatotoxicity.
6. Sildenafil dilates the ophthalmic artery in Type 2 diabetic patients. *SAGE Open Medicine*.
7. Statins- The Wonder Drugs?? *Scholars Research Journal*
8. Role of Myc in cervical cancer/ *cytokine journal*
9. Critical function of PI3K in sarcoma/ *clinical oncology journal*

10. Aryl hydrocarbon receptor protects against viridans streptococci infection by activation of immune system through IL-17RA signaling
11. Astragaloside attenuates cardiotoxicity effects of Doxorubicin by inhibiting TLR4/NF- κ B signaling pathway
12. Inflammatory cytokines and postmyocardial infarction remodeling.

Professional memberships

1. Faculty member in Colorado University/ Medical school
2. Post graduate Board medical examiner member 01/2014 until now
3. Board editor of American medical oncology 2012- until now
4. Board editor of the International Journal of Bioassays 2013
5. American Society of Clinical Oncology (ASCO) 2011-until now
6. The European Society for Medical Oncology (ESMO) 2012
7. European Society of Gynecological Oncology (ESGO) 2011
8. American heart association (AHA) 2011

Technical Expertise

- A. Bone marrow transplant/ MD Anderson Texas
- B. Stem cell / MD Anderson Texas
- C. HLA techniques/ Colorado University
- D. Liver radio frequency/ Ulm University Germany
- E. WBC irradiation/ Colorado University
- F. Umbilical cord stem cell collection/ Colorado University
- G. Animal Handling / Colorado University:

- 1- Topical, oral gavage, subcutaneous, intraperitoneal and intravenous route of administration of drug in experimental animals. Collection of blood from tail vein, eyes (venous pool) in the experimental animals.
- 2- Myocardial ischemia and reperfusion through LAD.
- 3- Cervical heart transplantation.
- 4- Abdominal heart transplantation.
- 5- Micro-catheterization for LV function.
- H. Biochemistry/Molecular biology / Colorado University
Western blots, Immunohistochemistry, various histological staining techniques, enzyme assays, PCR, SDS-PAGE, cell culture techniques, siRNA and plasmid transfection.
- I. Computer skills
Microsoft office package, SPSS- Statistical software, End-note and basic informatics tools.

References

1. Prof. Douglas Hainz, MD, PhD/Clinical oncology

My PhD thesis supervisor/ chief clinical oncology program training team
Professor/principal investigator RC2 cancer and inflammatory researcher department
Chairman of American Society of Biomedicine
E-Mail: Douglas.hainz@asobm.org
Telephone: +13133000829

2. Prof. Ana Oton, MD, PhD/ Medical oncology

Associate Professor of Medical Oncology at the University of Colorado and Chair of the Cancer Committee at Denver Health Medical Center

E-Mail: ana.oton@pcij.net

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I work with her for 18 months in lung cancer clinic/ Denver health medical center

3. Prof. Dan theodores, MD, PhD

Director program of medical oncology fellowship at the University of Colorado

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4. Prof. John Giannios, MD, PhD

Clinical hematologist/lymphoma department/ Colorado University hospital

E-Mail: john.giannios@asobm.org

I work with him for 24 months in lymphoma clinic/ Colorado University hospital

5. Assistant Prof. Emily Jackson, MD

Medical Oncologist/ Gynecological cancer department/ Aurora cancer center/Colorado

E-Mail: emily.jackson@ajbm.net

I work with him for 8 months in gynecological cancer clinic/ Aurora cancer center

6. Prof. Donald Bunjes, MD, PhD

Clinical oncology/hematology

BMT/Stem Cell

Ulm Hospital/ Germany

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Fax: +49 731 500-45525

Room: N23 1604

7. Prof. Meng Xianzhong, MD, PhD

Chief department of inflammatory and cancer research lab

The University of Colorado Anschutz Medical Campus

E-Mail: meng.xianzhong@ajbm.net

I work a part time with him for more than 8 years in the experimental research, until I received my own grants from NIH and work as principle investigator

8. Prof. Kenton Zehr, MD, PhD

Chief department of Hematology/Bone transplant unit

Colorado spring hospital

E-Mail: kenton.zehr@bmpublisher.net