

# Curriculum Vitae

## Personal Information

Name: Associate prof. Dr. Mustafa Taha Mohammed  
Date & place of Birth: 13<sup>th</sup> of Jan. 1975 / Diyala  
Gender: Male  
Marital Status: Married  
Nationality: Iraqi



## Address

Chemistry Department, Sciences  
Al-Mustansiriyah University,  
Baghdad, Iraq  
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## Education

- ✚ Ph.D. in Chemistry from the N.I. Lobachevsky State University of Nizhni Novgorod (**Russia**) in **November, 2011**.
- ✚ M.Sc. in **BioChemistry** from Al-Mustansiriyah University (Iraq) in February 2001 with a very good rating.
- ✚ B.Sc. in **Chemistry** from Al-Mustansiriyah University (Iraq) in July 1998 with a good rating.

## Fellowship and awards

- ✚ Iraqi / Russian academic cultural exchange, full Ph.D fellowship, 2007-2011.

## Thanks and appreciation

✚ Thanks certificates from the Minister of Higher Education and Scientific Research awarded on 2009, 2010 and 2013.

✚ Thanks certificate from the President of Al-Mustansiriyah University awarded on 2010, 2013, 2015, 2016.

- ✚ Several Thanks certificates from the Dean of College of Science/ Al-Mustansiriyah University.
- ✚ Several Thanks certificates from Iraqi Embassy in Moscow. 2009 and 2010
- ✚ Thanks certificates from Head of the Diyala provincial council, 2010
- ✚ Thanks certificates from Iraqi parliament. 2015
- ✚ Thanks certificates from the Dean of College of Science / Al- Anbar University. 2016
- ✚ Thanks certificates from the Dean of College of Education / Diyala University. 2014
- ✚ Thanks certificates from the Dean of College of Basic Education /Diyala University. 2016

## Professional Experience

October, 2002–till now, working as Associate Professor in the chemistry department at Al- Mustansiriyah University (Baghdad, Iraq).

## Computer Skills

- Good knowledge of Windows and Office software.
- Good knowledge of chemistry software.

## Publications In English language

1. حسن علي السعدي ، محمد فرج المرجاني ،مصطفى طه محمد ، عبد القادر محمد نوري،دراسة الانظيم الحال للبروتين المنتج من العزلة المحلية staphylococcus aureus المعزولة من خمج السبل البولية في بغداد // مجلة علوم المستنصرية ٢٠٠٥ ، العدد ٤ ،المجلد ١٦ ،الصفحة ٣١-٣٧.
2. Hadi Hessen jasim, Abed al-kader M.N. , Mustafa taha ,Thermal decomposition of lanthanum o-hydroxybenzoate and o- bromobenzoate//National journal of chemistry, 2006,Issue 24. - P. 1-10.
3. مصطفى طه محمد ، دراسة بعض مكونات اوراق نبات عين البزون Vinca rosea L. (Apocynaceae) وتأثير مستخلصاتها على نمو بعض الاحياء الدقيقة // مجلة علوم المستنصرية ٢٠٠٧ ، العدد ١ ،المجلد ١٨ ،الصفحة ٢٨-٣٦ .
4. Mohammed M.T., KlichkhanovN.K., Influence of dalargin on the activity Na, K-ATPase membrane synaptosomes of rat cerebral cortex during ischemia and reperfusion // Math. Samara scientific. Centre RAS. - 2011. - T. 13. - № 1. - P 260-263.
5. Mohammed M.T., KlichkhanovN.K. ,free radical processes in synaptosomes from the cerebral cortex of rats with carotid artery occlusion // Bulletin of DSU. Natures Science. 2011. Issue 1. - P.124-128.
6. Klichkhanov N.K., Mohammed M.T., Ismailova J.G., Effect of hypothermia on free radical processes in the brain of rats with carotid artery occlusion // Seventh International Interdisciplinary Congress Neuroscience for Medicine and Psychology, Sudak (Crimea, Ukraine) in 2011. P. 218-219.
7. Mohammed M.T., Effect of hypothermia on free radical processes in the brain of rats with carotid artery occlusion // IV International Scientific and Practical Conference smart Science Initiative international students and graduate students in the university. Tomsk. 2011. P.353.
8. Mohammed M.T., Klichkhanov N.K., effect dalargin on free radical processes in the brain of rats with ischemia // MATE-RIÁLY VII MEZINÁRODNÍ VĚDECKO - PRAKTICKÁ KONFERENCE , Praha Publishing House «Education and Science» sro, 2011. P.100-103.
9. Mustafa Taha Mohammed , Effect Nigella sativa (black seed) on liver enzymes in ischemia reperfusion injury. The Iraqi post graduate medical journal , 2012: Vol.11 № 4 p.654-657.
10. Mustafa Taha Mohammed , Study of Some *Mirabilis jalapa* L. Leaves Components and Effect of Their Extracts on Growth of Pathogenic bacteria.Al- Mustansiriyah J.Sci, 2012.Vol.23 № 6 p.117-124.

11. Mustafa Taha Mohammed , Investigation the effect of the alcoholic extract of *Zingiber officinale* on liver enzymes and oxidative stress during ischemia reperfusion injury. J. Fac. Med. Baghdad, 2012: Vol. 54 № 4 p.353-356.
12. Mustafa Taha Mohammed , Effect of *Trigonella foenum-graecum* L. (Fenugreek) on liver enzymes in ischemia-reperfusion injury. The Iraqi post graduate medical journal, 2013: Vol.12 № 1 p.69-74.
13. Mustafa Taha Mohammed and Nisred K. Klichkhanov, Protective Effects of Alcoholic Extract *Zingiber Officinale* Against Ischemia/Reperfusion Induced Brain Damage in Rat. European Journal of Scientific Research , 2013: Vol. 102 № 4 p. 529-534.
14. Mustafa Taha Mohammed , Study of some Miswak (*Salvadora persica L*) components and effect of their aqueous extract on antioxidant. The Iraqi post graduate medical journal, 2014: Vol. 13 № 1 p..55-60.
15. Abbas Sarah Isam Abbas, Mohammed Mustafa Taha, Klichkhanov K. Nisred. Anti-inflammatory effect of annona muricata l (soursop) fruit extract on Adiponectin and IL-10 during ischemi reperfusion injury, Chemistry: achievements and historical perspective **III All-Russian Scientific Conference with Internet international participation Kazan**, March 31, 2015 ,p 144-146.
16. Mustafa Taha Mohammed, Sura Mohammed Kadhim, Abdul kadir Mohammed Noori Jassim and Sarah Isam Abbas, free radicals and human health , *International Journal of Innovation Sciences and research* [**Impact Factor: 1.255**] Vol.4, No.6, pp.218-223, June-2015
17. Sarah Isam Abbas, Mustafa Taha Mohammed, Rehab Abd Al-Mahdi Study on the Trace Element and Some Properties of the Fruit Juice of Soursop and Their Effect on Liver Enzymes; Journal of Pharmaceutical, Chemical and Biological Sciences ,ISSN: 2348-7658 , **Impact Factor (SJIF):2.092** **Impact Factor (GIF): 0.615** March-May 2015; 3(1):40-45
18. Abbas Sarah Isam Abbas, Mohammed Mustafa Taha, Klichkhanov K. Nisred. anti-ischemic effect of soursop (annona muricata l.) fruit extract on oxidative stress during ischemia/reperfusion injury in rat, INTERNATIONAL CONFERENCE «III AUTUMN SCIENTIFIC READING», At Kharkov 2015 ı Ukraine -xarchov, Volume: 2
19. Abdulkadir M. N. Jassim, Safanah A. Farhan, Jehan A. S. Salman, Khawla J. Khalaf, Mohammed F. Al Marjani, Mustafa T. Mohammed, Study the Antibacterial Effect of Bismuth Oxide and Tellurium Nanoparticles, International Journal of Chemical and Biomolecular Science: Vol. 1, No. 3, 2015, pp. 81-84.
20. Mustafa T. Mohammed , Biochemical studies on the effect of Crataegus aqueous extract on oxidative stress during ischemia/reperfusion induced myocardial injuries, *J Fac Med Baghdad: 2015; Vol.57, No .3,p248-253*
21. Sarah Isam Abbas, Mustafa Taha Mohammed, Rehab Abd Al-Mahdi, Identification of some *Annona Muricata L.*(soursop) components and their antioxidant effects in rat. The Iraqi post graduate medical journal, 2015: Vol.14 ,№ 4, p576-580.

22. Sarah Isam Abbas , Mustafa Taha Mohammed, Antioxidant and Anti-inflammatory effect of fruit juice of *Annona Muricata L* (Soursop) during ischemia reperfusion injury in rats. The Iraqi post graduate medical journal, 2016: Vol.15 ,№ 1 ,p118-123
23. Sura Mohammed Kadhim , Mustafa Taha Mohammed , Omar Mohammed Ahmed , Abdulkadir Mohammed Noori Jassim. Study of some *Salvia officinalis L.* (sage) components and effect of their aqueous extract on antioxidant. 2016: Vol. 14 ,№ 2 , p.711-719 .
24. Mustafa T. Mohammed , Study the preventive effect of aqueous extract of *Gingko biloba* on cerebral damage induced by ischemia/reperfusion in rat , *J Fac Med Baghdad: 2016; Vol.58 , No2 . ,p183-186*
25. Mustafa Taha Mohammed ,Sahira Nsayef Muslim , Saba Saadon Khazaal , Alaa Naseer Mohammed Ali, Extraction of Chitosan from *Trichoderma reesei* by Biological Methods and Using It as Antibiofilm Formation Agent, **Conference Paper · Aug 2016**

#### Publications In Russian language

1. Мохаммед М.Т., Кличханов Н.К. Влияние даларгина на активность ацетилхолинэстеразы мембран синапсом из коры головного мозга крыс при ишемии и реперфузии // Изв. Дагестанского гос. педагогического ун-та. Естеств. и точные науки. – 2010. – №2. – 69-73.
2. Мохаммед М.Т., Кличханов Н.К. Влияние даларгина на активность Na, K-АТФазы мембран синапсом из коры головного мозга крыс при ишемии и реперфузии // Изв. Самарского науч. центра РАН. – 2011. – Т. 13. – № 1. – С. 260-263.
3. Мохаммед М.Т., Кличханов Н. К. Свободнорадикальные процессы в синапсом из коры головного мозга крыс при окклюзии сонных артерий // Вестн. Дагестанского ГУ. Сер. Биология. – 2011. – №1. – С.
4. Кадималиева З.Ф., Мохаммед М. Т., Кличханов Н.К. Механизмы повреждения головного мозга при ишемии // Вестник ДГУ. Естеств. науки. –2008, вып.6. – С. 60-66.
5. Кадималиева З.Ф., Мохаммед М. Т., Кличханов Н.К. Роль гипотермии в защите мозга при ишемическом инсульте // Сб. трудов Междун. конф. «Молекулярные механизмы адаптаций», Махачкала. – 2008. – С.35-37.
6. Мустафа Таха Мохаммед. Влияние даларгина на активность Na, K-АТФазы мембран синапсом из коры головного мозга крыс при ишемии и реперфузии // Труды молодых ученых ДГУ. Махачкала. – 2009. – С.104-105.
7. Мустафа Таха Мохаммед. Механизмы ишемического повреждения головного мозга // Сборник докл. II Всероссийской научно-практической конф. «Научная инициатива иностранных студентов и аспирантов российских вузов». Томск. – 2009. – С.281-289.
8. Мохаммед М.Т., Аль-Саеди С. М. К., Кличханов Н.К. Влияние гипотермии на активность Na, K-АТФазы мембран синапсом из коры головного мозга крыс при ишемии // Закономерности распространения воспроизведение и адаптаций растений и животных. Махачкала. – 2010. – С. 296-298.

9. Мохаммед М.Т., Аль-Саеди С. М. К., Кличханов Н.К. Влияние даларгина на активность Na, K-АТФазы и ацетилхолинэстеразы мембран синапсом из коры головного мозга крыс при ишемии // Сборник докл. III Всероссийской научно-практической конф. «Научная инициатива иностранных студентов и аспирантов российских вузов». Томск. – 2010. – С.306-307.
10. Мохаммед М.Т., Кличханов Н.К. Влияние ишемии на активность Na,K-АТФазы и ацетилхолинэстеразы мембран синапсом из коры головного мозга крыс // Мат. II Междун. конф «Актуальные проблемы биологии, нанотехнологий и медицины». Ростов-на-Дону. – 2008. – С. 34-35.
11. Исмаилова Ж.Г., Астаева М.Д., Мохаммед М.Т., Кличханов Н.К. Интенсивность перекисного окисления липидов мозга крыс в ходе самосогревания после перенесенной глубокой гипотермии // Сб. тез. 12-ой Междунар. Пушинской школы-конф. молодых ученых «Биология – наука XXI века». Пушино. – 2008. – С.88.
12. Мохаммед М.Т., Кличханов Н.К. Влияние даларгина на активность Na, K-АТФазы мембран синапсом из коры головного мозга крыс при ишемии и реперфузии // Сб. тез. 13-ой Междунар. Пушинской школы-конф. молодых ученых «Биология – наука XXI века» Пушино. – 2009. – С. 76.
13. Мохаммед М.Т., Аль-Саеди С.М.К., Шихамирова З.М., Кличханов Н.К. Влияние даларгина на активность Na, K-АТФазы и ацетилхолинэстеразы мембран синапсом из коры головного мозга крыс при ишемии // Сб. тез. 14-ой Междунар. Пушинской школы-конф. молодых ученых «Биология – наука XXI века» Пушино. – 2010. – С. 47.
14. Мустафа Таха Мохаммед, Кличханов Н.К. влияние спиртового экстракта *zingiber officinale* на свободнорадикальные процессы в мозге крысы при ишемии/реперфузии. Девятая международная крымская конференция «Окислительный стресс и свободнорадикальные патологии» Программа и тезисы докладов. Судак, Крым, С.34.2013 ukraine.

#### Languages

- ✚ Arabic (Mother Language)
- ✚ English (Very Good)
- ✚ Russian (Excellent)

#### Academic /Teaching Experience:

- ✚ 2002-2006: Assistant Lecturer, Department of chemistry, College of Science, Al-Mustansiriyah University, Baghdad, Iraq.
- ✚ 2007-2011: Lecturer, Iraqi / Russian academic cultural exchange, full Ph.D fellowship,
- ✚ 2012-Now: Assistant Professor in Department of chemistry, College of Science, Al-Mustansiriyah University, Baghdad, Iraq.

#### ✚ Undergraduate:

More than (14) years' experience in teaching undergraduate courses in chemistry (general, analytical and biochemistry laboratories, Biochemistry, analytical, free radical and antioxidant and others). Supervised and Participation of commission discussion for B. Sc. Students in Department of chemistry.

#### ✚ Graduate:

More than (5) years' experience in teaching postgraduate (M. Sc. and PH. D.) courses in (Biochemistry, Free radical and antioxidant, *Enzymology*, Research Proposal ). Supervised and Participation of commission discussion for (M. Sc. and PH. D.) Students.

### **Courses Taught:**

<b>Undergraduate</b>	<b>Graduate</b>
Analytical chemistry– (first class)	Biochemistry, Enzymology – M. Sc. And Ph.D. First course
Biochemistry – (second class)	Free radical and antioxidant, <i>Enzymology</i> , Research Proposal – M. Sc. And Ph.D. Second course

### **Professional Affiliations:**

- + Member of the Association of Iraqi chemists (since 1998).
- + Member of the Health Professions Syndicate. 2016
- + Participation of commissions examination (2012- 2013- 2014- 2015-2016).
- + Participation of many commissions in Department of chemistry, College and University.

### **Professional Development**

#### **+ Certifications:**

1. Certificate cycle require to English lang. for postgraduate studies in Iraqi Universities, 1998.
2. Certificate cycle require to scientific computer for postgraduate studies in Iraqi Universities, 2000.
3. Certificate cycle of Test the validity of teaching,2001
4. Certificate cycle of Safety speech and language in Arabic and read the Quran.2000
5. Certificate cycle of computer for scientific promotion five in the electronic computer center–Al-Mustansiriyah university, 2011.
6. Certificate cycle of Laboratory quality on standard 17025, 2015
7. Certificate cycle of PCR , 2016
8. Certificate cycle of SPSS , 2016
9. Certificate cycle of Health and Nutrition.
10. Certificate cycle of C.V.
11. Certificate cycle of innovation in government work
12. Certificate cycle of the six axes success
13. Certificate cycle of Herbal Medicine
14. Certificate cycle of Rehabilitation of muscles and nerves
15. Certificate cycle of Cupping

#### **+ Workshops.**

A lecture at the Ministry of Health in Herbal Medicine Course.2015

Lecturer at the Ministry of Education in the active chemistry course.2016