

Assist. Prof. Dr. ESSAM HANASHALSHAHABY

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TCKN: 73663128466

Yours sincerely,

Assist. Prof. Dr. ESSAM HANASHALSHAHABY

Curriculum vitae

PERSONAL INFORMATION



Assist. Prof. Dr. ESSAM HANASHALSHAHABY

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🌐 [linkedin.com/in/essam-hanashalshahaby-70a5b4151](https://www.linkedin.com/in/essam-hanashalshahaby-70a5b4151) [الشيخاني-حميد-حسن-5b4151](https://www.linkedin.com/in/essam-hanashalshahaby-70a5b4151)

<https://www.researchgate.net/profile/Essam-Hanashalshahaby-2> <https://twitter.com/HanashEssam>

✉ ehahanashalshahaby@medipol.edu.tr <https://orcid.org/0000-0003-1191-3270>

Sex Male | Nationality Yemeni - Turkish

EDUCATION & TRAINING

2021–Present

R&D Manager and Team Leader

Manager at Heka-Human Drug R&D Center. Istanbul -Turkey

2020–2021

R&D Researcher & Responsible

Atabay Pharmaceuticals and Fine Chemicals Inc. Istanbul -Turkey

General Specialization: Synthetic Organic and Pharmaceutical Chemistry

Specialization Area: Work on drugs synthesis of new products and new forms of old products are brought in through technological innovation.

2020–2021

Postdoctoral Researcher

Cooperation between Istanbul Medipol University and Atabay Pharmaceuticals and Fine Chemicals Inc. Istanbul -Turkey

General Specialization: Process Developer

Specialization Area: Synthesis of locally COVID-19 Drugs FAVIPRAVIR (FAVICOVIR) and MOLNUPIRAVIR as antiviral medicines.

2018–2020

Postdoctoral Researcher

Drug Discovery and Development Research Center, REMER - Istanbul Medipol University, Istanbul -Turkey

General Specialization: Synthetic Organic and Pharmaceutical Chemistry

Specialization Area: *Drug Synthesis (Parkinson Disease).*

2017–2018

Postdoctoral Researcher

Pharmacognosy Department, Faculty of Pharmacy, Ankara University, Ankara-Turkey

General Specialization: Pharmacognosy & Phytochemistry

Specialization Area: *Marine Fungi Natural Products Chemistry*

2009–2017

Ph.D

Chemistry Department, Faculty of Science, Hacettepe University, Ankara- Turkey

General Specialization: Chemistry (Organic Chemistry)

Specialization Area: *Organic Synthesis Related to Medicinal Chemistry*

Ph.D Thesis Synthesis of Biologically Active Heterocyclic Compounds Using Ketonic Mannich Bases [http://www.openaccess.hacettepe.edu.tr:8080/xmlui/handle/11655/4011].

Educational Credential Assessment (ECA) of PhD from Comparative Education Service, University of Toronto School of Continuing Studies, Toronto - Canada. Ref. No. CIC-000018516-IMM/19 June 2018.

2001–2004

M.Sc.

Chemistry Department, Faculty of Science, Mansoura University, Mansoura Egypt

General Specialization: Chemistry (Organic Chemistry)

Specialization Area: *Synthetic Organic Chemistry*

Master's Thesis: Studies on Some Ketonic Mannich Bases and Related Compounds.

[http://db4.eulc.edu.eg/eulc_v5/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=179604].

1999–2000 Pre- M.Sc.

Chemistry Department, Faculty of Science, Zagazig University, Zagazig - Egypt
General Specialization / Specialization Area: Chemistry / Organic Chemistry

1994–1998 B.Sc.

Chemistry Department, Faculty of Science, Sana'a University, Sana'a - Yemen
General Specialization: Chemistry - Biology
Specialization Area: Chemistry (With Honors)

1992–1993 High School

Gamal Abdel Nasser High School (Scientific Section), Sana'a - Yemen

WORK EXPERIENCE**2004–Present Member in American Association of Yemeni Scientists and Professionals (AAYSP).****2004–2009 Staff member at Chemistry Department, Faculty of Education, Sana'a University, Sana'a - Yemen:**

- Teaching General Chemistry: Principles and Structures, (Brady, James E.; Humiston Gerard E.), General Chemistry: Principles and Modern Applications (R. H. Petrucci et al.), and Organic Chemistry, (T.W.Graham Solomons), books as courses for undergraduate students.
- Teaching General Chemistry and Organic Chemistry courses for undergraduate students, Faculty of Education, Ma'rib branch, Sana'a University, Ma'rib - Yemen.
- Participation in the processing of basic laboratories for undergraduate students in the new sub-faculties related to Faculty of Education, Sana'a University. Sana'a-Yemen.

2009–2017 Researcher at Chemistry Department, Faculty of Science, Hacettepe University, Ankara - Turkey:

- Participation in research projects and seminars.
- Assistance as sub-advisor at Organic Chemistry Research Laboratories for postgraduate students, and guide them in their projects and coursework.

2017 Assistant Professor at Chemistry Department, Faculty of Education, Sana'a University.**2017–2018 Postdoctoral Res. and Temporary Staff as Assist. Prof. At Pharmacognosy Dep., Faculty of Pharmacy, Ankara University.**

- Bioactive Secondary Metabolites from Marine-Derived Fungi.
- Guidance to postgraduate students working in Pharmacognosy Research Laboratories.
- Explanation to the postgraduate students about NMR and IR to help them interpret the results of their NMR analysis.

2018–2020 Drug Discovery and Development Research Center, Medipol University, Istanbul.

Synthesis of novel therapeutic molecules related to Parkinson Disease (PD).

2019–2020 Medicine Faculty- Istanbul Medipol University

Participation in the teaching of Organic/Medicinal Chemistry courses for undergraduate students, Faculty of Medicine, Organic Chemistry 7th Edition by Paula Y. Bruice., First and Second Committee.

PERSONAL SKILLS

Mother tongue(s) Arabic
Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	B2	B2	B1	B2
Turkish	C2	C2	C2	C2	C2
Deutsch	A2	A2	A1	A2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

ADDITIONAL INFORMATION

- Publications**
- Elsayed M. Afsah, Metwally Hammouda, Mona M. Khalifa, and Essam H. Al-shahaby, Mannich Bases as Synthetic Intermediates: Alkylation of Amines and Diamines with Bis-ketonic Mannich Bases, *Zeitschrift für Naturforschung*, 63b, 577- 584, 2008. [www.znaturforsch.com/s63b/s63b0577.pdf].
 - Hanashalshahaby, E. H. A., Unaleroglu, C., Mannich bases as enone precursors for water-mediated efficient synthesis of 2,3,6-trisubstituted pyridines and 5,6,7,8 tetrahydroquinolines, *ACS Combinatorial Science*, 17, 374-380, 2015. [DOI:10.1021/acscmbosci.5b00046].
 - Seyitdanlioglu, Pinar; Hanashalshahaby, Essam ; Unaleroglu, Canan, An efficient water mediated synthetic route for the alkylation of heteroarenes, *Turkish Journal of Chemistry*, 42/6, 1598-1610, 2018. [<http://journals.tubitak.gov.tr/chem/abstract.htm?sessionId=9733858CE5087CD5EE2DB276D3F6653A?id=23711>].
 - Essam H. A. Hanashalshahaby, Canan Unaleroglu, Ayşe Ak, Alp Özgün, Bora Garipcan, Design, synthesis and antitumor evaluation of novel methylene moiety-tethered tetrahydroquinoline derivatives, *Turkish Journal of Chemistry* [<http://webcache.googleusercontent.com/search?q=cache:ACfXVUotxoJ:online.journals.tubitak.gov.tr/openInPressDocument.htm%3FfileID%3D1219572%26no%3D213180%26fileType%3DReport%2520Document+&cd=15&hl=en&ct=clnk&gl=tr>]
 - Wafaa S. Hamama, Maged A. Berghot, Eman A. Baz, Essam H. A. Hanashalshabay, Moustafa A. Gouda, 3-Acyl(aryl)coumarins as synthon in heterocyclic Synthesis (Organic Communications-ACG Publications) [<https://www.acgpubs.org/article/organic-communications/2019/2-april-june/3-acylaroylcoumarins-as-synthon-in-heterocyclic-synthesis>].
 - Şensoy Özge, Güzel Mustafa, Kerman Bilal Ersen, Üstündağ Okur Neslihan, Mansoor Samman, Alshahaby Essam, Keskin Elif, Durdağı Serdar, Kayık Gülrü, Heterobivalent ligands suitable for use in the treatment of Parkinson's disease, *Scopus Patent Publications*, Bibliographic data :Wo2019004970 (A2)- 2109-01-03. [<https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2019004970&tab=PCTBIBLIO>].
 - Essam H. A. Hanashalshabay, Moustafa A. Gouda, A review: Recent progress on the synthetic routes to 1(5)-substituted 1*H*-Tetrazoles and its analogs, *Journal of Synthetic Communication*, <https://doi.org/10.1080/00397911.2020.1792499>
 - Essam H. A. Hanashalshahaby, Canan Unaleroglu, Menemse Gumusderelioglu, Merve Yurtsever, Ozge Ekin Tuncay , Design, synthesis, and bioactivity evaluation of new methyl and methylene moieties-tethered 2,3,6,7-tetrahydro-1*H*-cyclopenta[*b*]quinolin-8(5*H*)-ones [inpreparation].
 - Cost Effective Industrial Scale Bulk Synthesis of Favipiravir to Domestically Combat with Covid-19"; Hacer Karatas, Essam H. A. Hanashalshahaby, Yasar Enes Butun, Zeynep Atabay Taskent, Sahin Gursel, Adil, Kaya and Mustafa Guzel; TPO-Patent, 2021, patent submitted.
 - "Cost Effective Industrial Scale Bulk Synthesis of Favipiravir to Domestically Combat with Covid-19"; Hacer Karatas, Essam H. A. Hanashalshahaby, Yasar Enes Butun, Unal Catal, Sahin Gursel, Adil, Kaya and Mustafa Guzel; Organic Process Research & Development, 2021, manuscript in preparation.

- Projects**
- [TUBİTAK-1002 short-term R&D projects, Project No: 113Z044](#), "One-pot selective synthesis of 2,3,6-Trisubstituted Pyridines and 5,6,7,8-Tetrahydroquinolines Compounds from Ketonic Mannich Bases".
 - [TUBİTAK- Project No:216S297](#), "Development of Novel Therapeutic Molecules with Capability of Targeting Multiple Receptors for Treatment of Parkinson Disease". Supported by COST (European Cooperation in Science and Technology) and TUBİTAK (The Scientific and Technological Research Council of Turkey).

PATENT; [<https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2019004970&tab=PCTBIBLIO>].

- [TUBİTAK-1002 short-term R&D projects, Project No: 119Z061](#), "Synthesis and In Vitro Activity Evaluation of Heterobivalent Ligands Linked to Multiple G Protein-Bound Receptors".
- [TUBİTAK- T1004 \(18AG020\) COVID -19 project](#), "Design And Synthesis of New Therapeutic Molecules for The Treatment Of Covid-19 Corona virus Pandemic".

Oral, Poster Presentations and Participation

- 7th International Conference on Chemistry and its Role in Development (7thICCRD), 14-17 April 2003, Mansoura University, Sharm El-Sheikh - Egypt.
- Ulusal Organik Kimya Kongresi, Poster Presentation, 24-26 September 2014, Bilkent University, Ankara -Turkey. [<http://www.kimyahaberleri.com/tag/organik-kimya-kongresi-24-eylul/>].
- Ulusal Organik Kimya Kongresi, Oral Presentation, 5-8 September 2016, Karadeniz Teknik University, Trabzon-Turkey. [http://orgkon2016.org/down/kongre_kitapcigi.pdf].
- Shimadzu'dan İleri Analitik Teknolojiler ve Kolon Semineri, 19 October 2017, Faculty of Pharmacy, Ankara University, Ankara - Turkey. [<http://www.antteknik.com/tr/seminer-ve-etkinlikler/?p=shimadzudan-ileri-analitik-teknolojiler-ve-kolon-semineri&t=n>].
- Tramech IX. Transmediterranean Colloquium on Heterocyclic Chemistry, Oral Presentation, 22-25 November 2017, Sidi Mohamed Ben Abdellah University, Fez - Morocco [<http://tramech9.raidghost.com/>].
- 6th International BAU Drug Design Congress, Poster Presentation, 13-15 December 2018, Bahcesehir University, Istanbul-Turkey [<http://www.baudrugdesign.org/>].
- 18th International Conference on Pharmaceuticals & Novel Drug Delivery, Oral Presentation and Session Chair, May 27-28, 2019 Istanbul, Turkey [<https://novel-drugdeliverysystems.pharmaceuticalconferences.com/middleeast/scientific-program>].

Fields of Research Interests Organic Synthesis

- Synthesis, structural elucidation by spectroscopic analysis (NMR, MS, LCMS, IR, FTIR, UV/VIS) and applications of Heterocyclic Compounds on large and small scales by using modern synthesis techniques.
- Ability to use Flash column, CombiFlash technique, Preparative and Chromatotron chromatography systems.

Cytotoxicity

- *In vitro* evaluation of toxicity of biologically active organic compounds on cell lines.
- Ability to use MTT assay.

Phytochemistry

- Extraction, isolation and purification of compounds from Marine derived fungi secondary metabolites sources.
- Ability to use Agilent HPLC systems.

Honours and awards

For the year 2005:

Republic President's Award for Youth in Natural Science, Ministry of Youth and Sports, Sana'a-Republic of Yemen. "Novel Synthesis of Some Benzodiazepine Derivatives Known as Diazepam". <https://twitter.com/HanashEssam/status/1236610316320071681?s=20>

Referees

- Prof. Dr. Mohamed A. Al-Khader, Professor of Organic Chemistry, Chemistry Department, Faculty of Science, Sana'a University- Yemen, [Phone: +9671-200522, Fax: +9671-214075, P.O.BOX: 13499 Sana'a].
- Prof. Dr. Elsayed M. Afsah, Professor of Organic Chemistry, Chemistry Department, Faculty of Science, Mansoura University - Mansoura - Egypt, [E-mail: emafsah@yahoo.com, Phone: +20502267026].
- Prof. Dr. Canan Unaleroglu, Professor of Organic Chemistry, Chemistry Department, Faculty of Science, Hacettepe University -Ankara - Turkey. [E-mail: canan@hacettepe.edu.tr, Phone: +90-3122977962, Fax: +90-3122992163].
- Prof. Dr. Belma Konuklugil, Professor of Pharmacognosy, Pharmacognosy Department, Faculty of Pharmacy, Ankara University - Ankara - Turkey. [E-mail-1: konuklug@pharmacy.ankara.edu.tr, E-mail-2: belma.konuklugil@gmail.com, Phone: +90-3122033092].
- Assoc. Prof. Dr. Mustafa Guzel, Istanbul Medipol University, International School of Medicine, Department of Molecular Medicine and Biotechnology (Chair), Research Institute of Health Sciences and Technology, Director of Drug Discovery and Development Center, Kavacik Campus, Kavacik/Beykoz-Istanbul - Turkey. [E-mail: mguzel@medipol.edu.tr, Phone : +90-216-681-5363, web link: <http://grg.medipol.edu.tr/>].
- Prof. Dr. Adil Mardinoglu, Systems Medicine, Systems Biology, Computational Biology and Bioinformatics. Professor of Systems Biology in Center for Host-Microbiome Interactions, King's College London, UK where he leads a computational group. He also works as group leader in Science for Life Laboratory (Scilifelab), KTH-Royal Institute of Technology in Sweden. [E-mail: adilm@scilifelab.se; adil.mardinoglu@kcl.ac.uk, web link: <https://sysmedicine.com/people/>].

March 15, 2020

To Whom It May Concern

I am writing this letter in support of Dr. Essam Hanashalshahaby who has worked under my supervision for the period of two years on a project entitled “Heterobivalent Ligands Suitable for Use in The Treatment of Parkinson's Disease (PD)”. Dr. Hanashalshahaby is a remarkably bright person and skilled experimental scientist, who carried out his experimental work very diligently and purposefully. I have always been impressed with his ability to deal the scientific problem and his strong research background with his command over subject knowledge. He has also accomadated me with several Organic and Medicinal Chemistry classes and satisfactorily performed some demo lectures with my presence. During our research, he had several poster and oral presentations, 1 domestic and 1 internatinal patent application (WIPO Patent Application WO/2019/004970), we are currently preparing a manuscript for an article publiaction regarding our novel synthetic approach.

I strongly recommend Dr. Essam for any research position where he could fulfill his investigational capacities. He is a person of good moral character and knows what it means to do an honest day's work, and also recognizes the value of his academic obligations. He received Ph.D. degree from the prestigious university in Ankara, Hacettepe University, Department of Chemistry, in the year of 2017. He has already published several well cited articles in the reputed international journals.

Based on above information I am quite hopeful for his future and confident that he will fulfill all expectations. I am sure that he would be an excellent addition to your institution. Please feel free to contact me if you require additional information.

With my kind regards

Sincerely, MG

Assoc. Prof. Dr. Mustafa GUZEL
Istanbul Medipol University
International School of Medicine
Department of Molecular Medicine and Biotechnology (Chair)
Research Institute of Health Sciences and Technology
Director of Drug Discovery and Development Center
Kavacık Campus, Kavacık/Beykoz-İSTANBUL
Office: +90-216-681-5363
mguzel@medipol.edu.tr
web-link: <http://grg.medipol.edu.tr/>

**E-İmzalıdır**

T.R.
İSTANBUL MEDİPOL UNIVERSITY RECTORATE
Directorate of Technology Transfer Office

Number : 29329738-604.01.99-E.75

09/01/2019

Subject : Assist. Prof. Dr. Essam Hamied Ahmed Hanashalshahaby

TO WHOM IT MAY CONCERN

This is to certify that Assist. Prof. Dr. Essam Hamied Ahmed Hanashalshahaby who is a staff member at Faculty of Education, Chemistry Department, Sana'a University in Yemen, has been working as a Postdoctoral Researcher in TÜBİTAK project numbered 216S297, and titled “*Development of novel therapeutic molecules with capability of targeting multiple receptors for treatment of Parkinson Disease.*”, which is headed by Dr. Özge ŞENSOY, who has been working as a member in academic staff in the Department of Computer Engineering in Faculty of Engineering and Natural Sciences. The project will be run between 15/09/2017-15/09/2020 in our University.

Sincerely.

Prof. Dr. Sabahattin AYDIN
Rector

Bu belge 5070 sayılı e-İmza Kanununa göre Prof.Dr. Sabahattin AYDIN tarafından 09.01.2019 tarihinde e-imzalanmıştır. Evrağınızı <https://ebys.medipol.edu.tr/e-imza> linkinden BC02430CXA kodu ile doğrulayabilirsiniz.



Republic of Turkey
PRESIDENCY OF ANKARA UNIVERSITY
Dean's Office of Faculty of Pharmacy
Personnel Affairs



No 13 524

Number : 69749207-101.01.02.05-E.6011

31.10.2017

Subject : About Asst. Prof. Dr. Esaam Hamied Ahmed
Hanashalshahaby

10 3 Kasım 2017

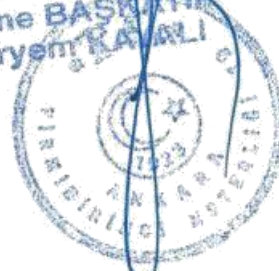
TO WHOM IT MAY CONCERN

This is to certify that Dr. Esaam Hamied Ahmed Hanashalshahaby who has been working as a Member in Academic Staff in the Department of Chemistry of Faculty of Education in Yemen Sana'a University, will working as Postdoctoral Researcher about secondary metabolites from marine fungi and their bioactivities until the end of 2017-2018 academic year.

Kindly submitted for your information.

e-signed
ERDOGAN ALBAYRAK
Secretary of Faculty
<< signed and sealed >>

ANKARA 21. NOTERİ
Ahmet SARIYILCE
Yerine BASKI
Meryem KAYALI



İşbu görevin Türkiye'de...
daimi olarak...
Deniz Ç...
...





T.C.
ANKARA ÜNİVERSİTESİ REKTÖRLÜĞÜ
Eczacılık Fakültesi Dekanlığı
PERSONEL İŞLERİ



Sayı : 69749207-101.01.02.05-E.6011

Konu : Yard. Doç. Dr. Essam Hamied Ahmed
Hanashalshahaby Hk.

No 13524

31.10.2017

İLGİLİ MAKAMA

03 Kasım 2017

Yemen Sanaa Üniversitesi Eğitim Fakültesi Kimya Bölümünde öğretim üyesi olarak görev yapan Dr. Essam Hamied Ahmed Hanashalshahaby, Fakültemiz Farmakognozi Anabilim Dalı'nda deniz kaynaklı mantarlardan sekonder metabolit eldesi ve bioaktiviteleri konusunda 2017-2018 akademik yılı sonuna kadar Doktora sonrası araştırmacı olarak çalışacaktır.

Bilgilerinizi saygılarımla rica ederim.

e-imzalıdır
ERDOĞAN ALBAYRAK
Fakülte Sekreteri

ANKARA 1. NOTERİ
Ahmet FARIĞ
ANKARA 2. NOTERİ
Ahmet FARIĞ
Yerine BAŞKATIP
Meryem KATIP



Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Belge Doğrulama Kodu : NQWDYQLGFUQMWXRNCTYB Belge Takip Adresi: <http://belgedogrulama.ankara.edu.tr/>
Tandoğan Yerleşkesi Döğol Caddesi 06100 Tandoğan/Ankara /ANKARA
Telefon No: 0312 203 30 00/3018 Belge Geçer No: 0312 203 10 81
e-posta: ankpharm@pharmacy.ankara.edu.tr internet adresi: -

Bilgi için: Neşe AYDIN
Memur

To Whom It May Concern

31 October 2017

I am writing this reference at the request of Assis. Prof. Dr. Essam Hamied Ahmed Hanashalshahaby who is a member in the staff at Sana'a University, Faculty of Education, Chemistry Department, Sana'a, Yemen.

I have known Dr. Essam Hanashalshahaby for nearly two years and has been an post doctorate in my laboratory during the 4 months, and has proven to be exceptional in several respects. First, Dr. Hanashalshahaby is exceptionally diligent and hardworking. Secondly, he is very good at working with other people. He is exceptionally nice and considerate and sensitive. He is not only good humored and friendly, but also is good at gauging other people's level of knowledge and attitudes. Thirdly, His academic ability is first-rate and he is very successful in practical works in my laboratory. He has a strong academic background in relevant academic areas. In short, I give Dr. Hanashalshahaby my highest recommendation, and if you include him at the academic staff of your honorable university, I am sure he will make a great contribution to your faculty and your university.

If I can be of any further assistance, or provide you with any further information, please do not hesitate to contact me.



Prof. Dr. Belma Konuklugil

Pharmacognosy Department
Faculty of Pharmacy
Ankara University

Prof. Dr. Elsayed. M. Afsah
Chemistry Department
Faculty of Science
Mansoura University
Mansoura, Egypt



TO WHOM IT MY CONCERN

Dr. Essam Hamid Ahmed Hanashalshahaby, Assistant Professor of organic chemistry, Sana'a University, Yemen, has received his (B.Sc.) degree in chemistry from Sana'a University, 1998. He was under my supervision as a post-graduate student, and awarded his (M.Sc.) degree in organic chemistry from Faculty of Science, Mansoura University, Egypt 2004. He has awarded the degree of Doctor of Philosophy (Ph.D.) in organic chemistry, Oct. 04, 2017, from Hacettepe University, Ankara, Turkey.

He has carried out teaching and research work in organic chemistry since his graduation, and his principal area of interest is in the field of synthesis and reactions of heterocyclic compounds and the chemistry of Mannich bases.

Dr. Hanashalshahaby is an active scientist. He is cooperative with his Colleagues and is an amiable person to work with, and he is one of the best students I have met in my laboratory.

I have no hesitation in recommending Dr. Hanashalshahaby for teaching and research work in organic chemistry, as a staff member in the University.

Prof. Dr. E. M. Afsah
Professor of organic chemistry

02 November 2017

To Whom It May Concern

It is my pleasure to give my recommendation for Dr. Essam Hamied Ahmed Hanashalshahaby. Dr. Hanashalshahaby is a member staff in the Chemistry Department of Sana'a University, Yemen. I have known Dr. Hanashalshahaby since he was working in our department as Ph.D student under my supervision. Throughout his Ph.D program, Dr. Hanashalshahaby has never shown to be uninterested or unprepared, but always willingly thoughtful and his work reflected a level of insightfulness and attention to detail that is unique to him. He has the ability to employ her background incorporated with various multidisciplines. Dr. Hanashalshahaby has great interpersonal and team-working and team leader skills that are crucial in all functions of the laboratory and faculty environment. He is very hardworking and a bright scientist. He impressed me as a dependable and industrious scientist and he accepted hīs challenge to the full satisfaction of a concern.

In conclusion, Dr. Hanashalshahaby has a wide range of synthetical and academic abilities along with great research and teaching experience. Besides all, he is a highly motivated, responsible and an accomplished scientist with a pleasant personality. I believe **Dr. Essam Hamied Ahmed Hanashalshahaby** to be an excellent candidate for teaching and have no doubt he will prove a valuable assets to you and to your honorable university.

Please do not hesitate to contact me for further information.



Prof.Dr. Canan ÜNALEROĞLU

Organic Chemistry Division of
Chemistry Department
Faculty of Science
Hacettepe University