

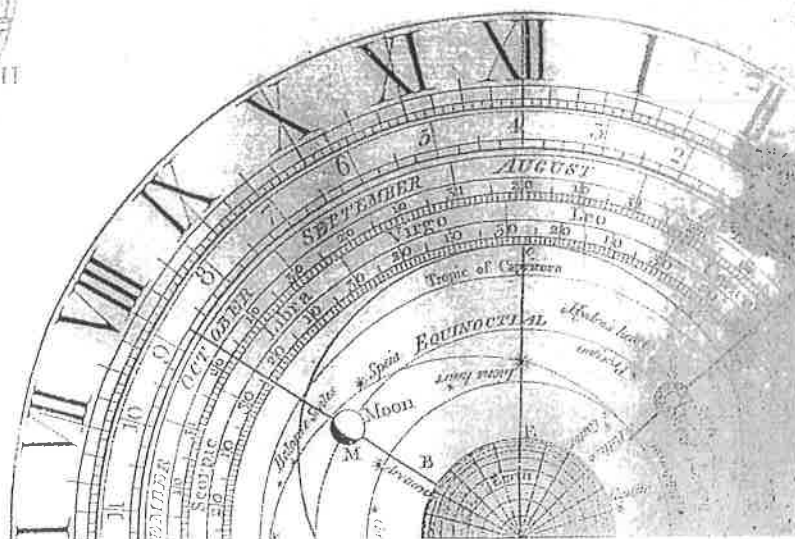
Vol. 3, No. 11/ Summer 2013



Institute for the History of Science
University of Tehran



IRANIAN HISTORY OF SCIENCE NEWSLETTER



History of Science Newsletter
Vol. 3, No. 11, Summer 2013

Publisher: **Institute for the History of Science, University of Tehran**

Chief Editor: **Abouzar Farzpourmachiani**
Co-Editor: **Maryam Zamani**
Designer: **Farnaz Azidhak**
Editor: **Fateme Keyghobadi**

Advisory Board
Mohammad Bagheri
Hamid-Reza Ghihi Yazdi
Iraj Nikseresht
Asghar Qaedan

Contributors to this issue
Irem Aslan
Sara Farzpourmachiani
Amir-Mohammad Gamini
Zahra Ghezlbash
Fateme Keyghobadi
Razie-Sadat Mousavi
Iraj Nikseresht
Morteza Somi
Mohammad-Hadi Tabatabayi

Address: No. 23, Behnam Alley, Ghods Street, Enghelab Avenue, Tehran 1417734491, Iran
Mailing Address: P.O. Box 13145-1836, Tehran, Iran
Tel: (+98) 21 88993016
Fax: (+98) 21 88993018
www.utih.s.ut.ac.ir
tarikhelm@ut.ac.ir

History of Science Newsletter is going to reflect academic activities in history of science, such as conferences, commemorations, published books and journals, etc. Hence contributions by sending reports or news are appreciated.

News

- 1.....New Issue of *Tarikh-e Elm*
- 1.....Prof. Hogendijk and Dutch visitors lectures in *Institute for the History of Science*

Report

- 2.....Abstracts of articles with theme of *History of Science* that presented in *The First Student Seminar on History and Philosophy of Science*
- 3.....Abstracts of articles with theme of *History of Science* that presented in *The Fifth Conference on Lunar Crescent Visibility and Calendar*
- 4.....The Second International Summer School at the *Istanbul Museum of the History of Science and Technology*

Thesis

- 4.....Thesis submitted for the degree of PhD in *History of Science* during summer 2013

Lecture

- 6.....Mathematical instruments and their effects on the mathematics
- 8.....A Modern Application of *Kindi's* Cryptanalytic Techniques

Introduction

- 12.....History of Science Department, *Encyclopaedia Islamica Foundation*, Tehran

Table of Farsi contents

News

- ۱.....Dr. Bagheri was elected as secretary in *Commission on History of Science and Technology in Islamic Societies*
- ۱.....Dr. Nikseresht was selected as superior international author of University of Tehran
- ۲.....New students of *Institute*
- ۲.....International seminar on *History of Safavid Period*
- ۲.....Seminar on *Kūshyār Gīlānī*

Report

- ۳.....New Issue of *Tarikh-e Elm*
- ۳.....Prof. Hogendijk and Dutch visitors lectures in *Institute for the History of Science*
- ۴.....Congress in respect of *Hāirī*
- ۷.....*History of Medicine and Botany Exhibition* in *Malik Museum*
- ۷.....Abstracts of articles with theme of *History of Science* that presented in *The Fifth Conference on Lunar Crescent Visibility and Calendar*
- ۸.....Abstracts of articles with theme of *History of Science* that presented in *The First Student Seminar on History and Philosophy of Science*
- ۱۰.....*History of Science* articles that published in the last issue of Iranian journals

Introduction

- ۱۱.....History of Science Department, *Encyclopaedia Islamica Foundation*, Tehran
- ۱۲.....Introduction to *Islamic science and the making of the European Renaissance* by *George Saliba*
- ۱۵.....Introduction to *Dastūr al-Aḥḥbā* by *Savojī*

Thesis

- ۱۶.....Thesis submitted for the degree of PhD in *History of Science* during summer 2013

The Second International Summer School at the *Istanbul Museum of the History of Science and Technology*

- İrem Aslan¹

The Second International Summer School at the Prof. Dr. Fuat Sezgin Foundation for the History of Science in Islam was held in *Istanbul Museum of the History of Science and Technology* this year, between 22nd and 25th August.

The lectures and the workshops were both included in that exclusive event. The lectures were instructed by Professor Dr. Remke Kruk from Leiden University, on *Medieval Islamic views on Biological Issues*, Professor Dr. Ingrid Hehmeyer from Reyerson University, on *Islamic Medicine*, Prof. Dr. Elaheh Kheirandish and her academics team (Maera Siddiqi, Esam Goodarzy) from Harvard University on *Optics and Multimedia Sources on Early Science*, Prof. Dr. Jan P. Hogendijk and PhD Student Wilfred de Graaf from Utrecht University on *Astronomical Calculations in Islam*, Dr. Rob van Gent from Utrecht University on *Models of Planets in the Islamic World and Babylonian and Greek Astronomy*. PhD Student Viktor Blåssjö also from Utrecht University on *Copernicus and Possible Links to the Islamic World*, PhD Student İrem Aslan from Ankara University and Henk Hietbrink from Utrecht University, on *Mathematical Instruments and Ibn al-Raqqam's Sundial*. Last but not the least Dr. Detlev Quintern from Professor Dr. Fuat Sezgin Foundation for the History of Science in Islam introduced the *Contribution of Prof. Dr. Fuat Sezgin to a Universal Understanding of the History of Geography*. These lectures were rewarding and didactic. Since, not only the lecturers but also participants were all experts in their own fields, the spare hours between the lectures

were also intellectually productive and delightful.

Participants were from variable Universities, especially from Iran, Holland, Germany and Turkey. There were mostly master degree and PhD degree students from different departments but similar ages. So the comradeship between the participants was indulging which is sufficient for the interchange of the knowledge between continents and the cultures.

As I mentioned before, the spare times between lectures and after lectures was fulfilling and pleasing. *Prof. Dr. Fuat Sezgin Foundation for the History of Science in Islam* hosted the participants really wonderfully in one of the most beautiful cities in the world, Istanbul. There had been nice dinners and small trips in the city especially around Gülhane Park. For instance, one day the group went to a dinner to Emirgan copse. We ate *pide* which was black sea style. During the dinner we found a chance to discuss with our Iranian friends about gastronomy, and we actually found out that how similar our gastronomy cultures are. Since all trips were made under the guidance of Dr. Detlev Quintern who is living in the Istanbul, participants had a chance to discover hidden local treasures of Istanbul. In my opinion this summer school is one of the best events in the world, about *History of Science*, and completed its mission successfully this year, like the previous one. I hope that will become a tradition and lasts many more years with the many more participants.

¹Ph. D. Student in Ankara University. History of Science Department. iremaslan8@yahoo.com

Thesis submitted for the degree of PhD in *History of Science* during summer 2013

Substitute drugs in pharmaceutical/ pharmacological tradition with a critical edition, commentary and comparative study of the oldest extant Arabic treatises on Abdal

Younes Karamati, Institute for Humanities and Cultural Science

Under Supervision of Prof. Valiallah Mozaffarian

Abstract

"*Abdāl al-Achwiyah*" (substitute drugs) is a general title for the works on substitute drugs and the rules which should be considered in substituting one drug for another. This topic was very important in medical, pharmaceutical and pharmacological tradition of the Classical Antiquity and the Islamic period.

