

HISTORY OF GEOLOGY GROUP

“Geology and Medicine: Exploring the Historical Links and the Development of Public Health and Forensic Medicine”

Celebrating the Tercentenary of Sir John Hill

Geological Society, Burlington House, Piccadilly, London

Organisers

Professor Richard T. J. Moody, Dr Chris Duffin and Dr Christopher Gardner-Thorpe

2-4 November 2014

Conference Programme

Sunday 2nd November

Morning excursion for pre-booked delegates only.

“Walking in the steps of James Parkinson” with Chris Derrett and Christopher Gardner-Thorpe.

- Assemble 11.30am at Arnold Circus (postcode E2 7JS).
- Walk total one mile, time 1.5 hours (shorter if bad weather).
- Finish 13:00 at Geffrye Museum Cafe to buy own lunch and thereafter visit the museum (Kingsland Road, London, E2 8EA).

Monday 3rd November : Day 1 meeting

9:00 : Registration at the Geological Society, Burlington House, Piccadilly, London W1J 0BG

9:25 : Welcome and Housekeeping : John Henry

Session 1 : Physicians and Geology 1 (Chairman : Richard Moody)

9:30 : Chris Derrett and Christopher Gardner-Thorpe: James Parkinson (1755-1824) and his environs.

9:55 : F. Sabaté Casellas, and B. Torres Gallardo : Pau Estorch Siqués and His “*Magnes Venenorum*”.

10:20 : Jane P. Davidson: Joseph Leidy (1823-1891) Pioneer in Medicine, Forensics and Palaeontology.

10:45 : Ella Hoch : Enlightenment under politics – the case of Otto Sperling (1602-1681), *Doctor medicinae* and *Botanicus* to the King of Denmark-Norway.

11:10 : Coffee

Session 2 : Keynote Session - The tercentenary of Sir John Hill (Chairman : John Henry)

11:40 : George Rousseau : John Hill (1714-1775) : his life and times.

12:25 : Chris Duffin : John Hill (1714-1775) : a neglected Georgian Apothecary and Geologist.

1:10 – 2:10 LUNCH

Session 3 : Physicians and Geology 2 (Chairman : John Mather)

2:10 : Massimo Aliverti: A Letter by Nicolaus Steno about a Cavern near Como.

2:35 : Eric Buffetaut : "From giant birds to X-rays: Victor Lemoine (1837-1897), physician and palaeontologist".

3:00 : Tim Carter and Anne Spurgeon : Duncan and Son – two generations of scientific polymaths.

3:25 : Lorenzo Lorusso, Alessandro Porro, Antonia Francesca Franchini : Physician pioneers of the Italian Geological Society.

3:50 COFFEE

Session 4 : Gems and medicine (Chairwoman : Jane Davidson)

4:20 : Zohar Amar and Efraim Lev : “Arabian” gem stones: The distribution, trade, utilization and medicinal uses of Medieval Eastern precious stones.

4:45 : Tom Blaen : ‘Not used to be worn as a jewel’: Precious stones - ornaments or medicine?

5:10 : Renzo Console : Minerals, Plants And Animals In 17th Century Iatrochemistry Treatises.

5:35 : Michael Swanton : Ethelred the Unready's gift to parturient women.

Close : 6:00

Reception

Conference Dinner

Tuesday 4th November : Day 2 meeting

Session 5 : Fossils and medicine (Chairman : Christopher Duffin)

9:30 : Maria do Sameiro Barroso: The coral stone in Petrus Hispanus' "Treasury of the Poor".

9:55 : Rachael Pymm : 'Serpent Stones': Myth and Medical Application.

10:20 : Irina Podgorny : Eagle-stones and terebratulæ. Transfer of names and materia medica in South America.

10:45 : COFFEE

Session 6 : Medicinal earths (Chairman : Christopher Gardner-Thorpe)

11:15 : Spyros Retsas . Medicinal Use of Earths and Minerals from Antiquity to the 21st Century.

11:40 : Effie Photos-Jones, C. Keane, V. Perdikatsis, A. J. Hall, & A. Leanord : Applying microbiology to myths: the case of the antimicrobial properties of Lemnian *sphragides*.

12:05 : C. Keane, E. Photos-Jones, A. J. Hall, M. Stamatakis, & A. Leanord : The medicinal minerals of the Aegean: from geo-archaeology to microbiology, an overview.

12:30 : Louis Heyse-Moore : New Light On Darwin's Ills.

12:55-1:15 HOGG AGM

1:15 – 2:15 LUNCH

Session 7 : Water (Chairman : Beverly Bergman)

2:15 : John Mather & Christopher Duffin : Nathaniel Hodges and the Purging Wells of Shooter's Hill.

2:40 : Alessandro Porro, Antonia Francesca Franchini, Bruno Falconi, Paolo Maria Galimberti, & Lorenzo Lorusso : Water and City at the end of the 19th century : the example of Milan.

3:05 : Ayşegül Demirhan Erdemir: Salahaddin Ali's book entitled *Spas and Sea Baths*.

3:30 COFFEE

Session 8 : Public Health (Chairman : Eric Buffetaut)

4:00 : Terence Doyle : The Medical History of Antimony; Panacea or Fool's Gold?

4:25 : Sabina Michnowicz : “The Inexcusable Persistence of Silicosis” A brief history.

4:50 : Beverly Bergman: Lead, Isotopes and Ice.

5:15 : Şükran Sevimli : Cognitive evolution of individual Hygiene concept at Anatolia in the antique age/Hittite empire, old Greek civilization colonies and Roman Age.

5:40 : Closing Remarks

Posters will be displayed for viewing in the Lower Library throughout the conference.

Posters received are :

Rocks in the Garden of Health: *De Lapidibus in Hortus Sanitatis* (1491).

The Pharmaceutical use of Lapis lazuli.

Geological prophylactics in Petrus Christus' painting : *A Goldsmith in his shop, possibly Saint Eligius* (1449).

Sources of therapeutic stone powder in Europe.

Magico-medicinal minerals in the Lapidary of Sidrac (13th century)