

## Bibliography of Vivian Nutton

### Books:

Karl Gottlob Kühn and his edition of the works of Galen, A bibliography, Oxford, Oxford Microform Publications Ltd, 1976

Galen, On prognosis: Text, translation, commentary, CMG V.8.1, Berlin, Akademie Verlag, 1979

(Editor), Galen, problems and prospects, London, The Wellcome Institute, 1981

(Joint Editor), Theories of fever from Antiquity to the Enlightenment, London, The Wellcome Institute, 1981

(Joint Editor), The emergence of modern cardiology, London, The Wellcome Institute, 1985

(Compiler), A vision of history: The Wellcome Institute for the History of Medicine, London, The Wellcome Institute, 1986

John Caius and the manuscripts of Galen, Cambridge, Cambridge Philological Society, 1987

From Democedes to Harvey: studies in the history of medicine, London, Variorum, 1988

(Editor), Medicine at the Courts of Europe, 1500-1837, London, Routledge, 1990

(Joint Editor), Essays in the history of therapeutics, Amsterdam, Rodopi, 1991

(Joint Author, with L. I. Conrad, M. Neve, R. Porter, A. Wear), The Western medical tradition, 800 B.C. to AD 1800, Cambridge, Cambridge University Press, 1995

(French version: Histoire de la lutte contre la maladie, Collection. Les Empêcheurs de penser en rond, Paris, Institut Synthélabo, 1999)

(Joint Editor), The history of medical education in Britain, Clio Medica 30, Amsterdam, Rodopi, 1995

(Section Editor) Der neue Pauly. Enzyklopädie der Antike, Bände 1-15, Stuttgart and Weimar, Metzler Verlag, 1996-2003

(English translation: Brill's New Pauly, Leiden, Brill, 2002-)

Galen, On my own opinions. Text, translation and commentary, CMG V.3.2, Berlin, Akademie Verlag, 1999

(Guest editor), Medicine in the Renaissance city, Renaissance Studies. Journal of the Society for Renaissance Studies 15, 2, 2001

(Editor), The unknown Galen, Bulletin of the Institute of Classical Studies, Suppl. 77, 2002

Ancient Medicine, London, Routledge, 2004; revised edition, 2012

(Consulting Editor), Noretta Koertge, ed. in chief, New Dictionary of Scientific Biography, 8 vols, Detroit, New York, Thompson Gale, 2008

(Editor) Pestilential complexities: Understanding medieval plague, Medical History, Supplement 27, 2008

Translator and editor, Girolamo Mercuriale, De arte gymnastica, Florence, L. Olschki, 2008

(Joint Editor), Girolamo Mercuriale. Medicina e cultura nell'Europa del Cinquecento. Atti del convegno "Girolamo Mercuriale e lo spazio scientifico e culturale del Cinquecento (Forlì, 8-11 novembre 2006)", Florence, L. Olschki, 2008

St Leonard's Church Sandridge. A Tour of the Building and its History, Sandridge, n.p., 2009

(Section Editor), Anthony Grafton, Glenn W. Most, Salvatore Settis (eds), The classical tradition, Cambridge, Mass., The Belknap Press of Harvard University, 2010

Galen, On problematical movements. Texts, translation and commentary, Cambridge, Cambridge University Press, 2011

(Contributor), Peter N. Singer (ed.) with contributions by Daniel Davies and Vivian Nutton, Galen, Psychological Writings. Avoiding Distress, Character Traits, The Diagnosis and Treatment of the Affections and Errors Peculiar to Each Person's Soul, the Capacities of the Soul depend on the Mixtures of the Body, Cambridge University Press, 2013

Rumbustious John: Change and Renewal in Victorian Sandridge, Sandridge, n.p., 2014

**Articles:**

- `Medicine and the Roman army', Medical History, 1969, 13: 260-270
- `Five inscriptions of doctors', Papers of the British School at Rome, 1969, 37:96-99
- `The doctor and the oracle', Revue Belge de Philologie, 1969, 47:37-48
- `Galen of Pergamum', Farrago, 1969, 5: 5-9
- `A Greek doctor at Chester', Journal of the Chester Archaeological Society, 1968, 55: 7-13
- `Herodes and Gordian', Latomus, 1970, 29: 719-728
- `The Medical School of Velia', La Parola del Passato, 1970, 130: 211-225
- `The doctors of the Roman Navy', Epigraphica, 1970, 32: 64-71
- `Prognostica Galieni', Medical History, 1970, 14: 95-100
- `Two notes on immunities', Journal of Roman Studies, 1971, 61: 52-63\*<sup>1</sup>
- `Velia and the school of Salerno', Medical History, 1971, 14: 1-11
- `L. Gellius Maximus, physician and procurator', Classical Quarterly, 1971, n.s. 21: 262-72
- `Roman oculists', Epigraphica, 1972, 34: 16-29
- `Ammianus and Alexandria', Clio Medica, 1972, 7: 165-176
- `Galen and medical autobiography', Proceedings of the Cambridge Philological Society, 1972, n.s. 18: 50-62\*
- `The chronology of Galen's early career', Classical Quarterly, 1973, n.s. 23: 158-171\*
- `Sextus or Commodus?', Chiron, 1973, 3: 429-437
- `Niccolò Moranghelli, a libellous physician', Medical History, 1974, 17: 83-88
- `Greek medicine dissected', History of Science, 1974, 12: 59-69

---

<sup>1</sup> \* indicates an article reprinted in From Democedes to Harvey.

`Museums and medical schools in classical antiquity', History of Education, 1975, 4: 3-15

`Menecrates of Sosandra, doctor or vet?', Zeitschrift für Papyrologie und Epigraphik, 1976, 22: 93-96

`Archiatri and the medical profession in antiquity', Papers of the British School at Rome, 1977, 45: 191-226\*

`A forgotten manuscript of Galenus Latinus', in K.Treu, ed., Studia Codicologica, Berlin, Akademie Verlag, 1977, 331-340

`Hippocratic Tradition', in A. S. Duncan, G. R. Dunstan, R. B. Welbourn, eds., Dictionary of medical ethics, London, Darton, Longman and Todd, 1981, 158-159.

`The beneficial ideology', in P. Garnsey, C. Whittaker, Imperialism in the Ancient World, Cambridge, 1978, 209-221, 338-343

`Dr Butler revisited', Medical History, 1978, 22: 417-430

`John Caius and the Linacre Tradition', Medical History, 1979, 23: 373-391

(with W. F. Bynum), `Edwin Clarke at the Wellcome Institute', Medical History, 1980, 24: 127-128

`C.R.S.Harris, 1896-1979', Society for Ancient Medicine Newsletter, 1980, 6: 10-11

`Continuity or rediscovery? The city physician in classical antiquity and mediaeval Italy', in A. W. Russell, ed., The Town and State Physician in Europe, Wolfenbüttel, 1981, 9-46\*

`Medicine in the Age of Montaigne', in K. Cameron, ed., Montaigne and his Age, Exeter, University of Exeter Press, 1981, 15-24, 162-170

`Galen's autobiographies', Proceedings of the XXVI International Congress of History of Medicine, Plovdiv 1978, II, Sofia, 1981, 173-175

`Hippocratic Tradition', in A. S. Duncan, G. R. Dunstan, R. B. Welbourn, eds., Dictionary of medical ethics, ed.2, London, Darton, Longman and Todd, 1981, 210- 211

Articles on `blood', `coction', `faculty', `Galenism', `Hippocratism', `humours', `non-naturals', `pneuma', `prognosis', `temperament', in W. F. Bynum, E. J. Browne, R. S. Porter, eds, Dictionary of the History of Science, London, Macmillan, 1981

(with J. Scarborough), `The preface of Dioscorides' *Materia medica*', Transactions and Studies of the College of Physicians of Philadelphia, 1982,

187-227

`The seeds of disease: an explanation of contagion and infection from the Greeks to the Renaissance', Medical History, 1983, 27: 1-34\*

`Montanus, Vesalius and the haemorrhoidal veins', Clio Medica, 1983, 18: 33-36

`La médecine antique en Grande-Bretagne', Bulletin du Centre Jean Palerne, 1983, 3: 1-4

`Galeno salvato dalle acque', Kos, 1984, 1: 33-48

`Wellcome Papiro Oxyrhynchus 2547 e Papiro Johnson', Kos, 1984, 6: 7-8

`Galen in the eyes of his contemporaries', Bulletin of the History of Medicine, 1984, 58: 315-321\*

`John Caius und Johannes Lange; Medizinischer Humanismus zur Zeit Vesals', NTM, 1984, 21: 81-87

`From Galen to Alexander; aspects of medicine and medical practice in late antiquity', Dumbarton Oaks Papers, 1984, 38: 1-14\*

`Civis medicus', Kos, 1985, 17: 17-40

`Conrad Gesner and the English naturalists', Medical History, 1985, 29: 93-97

`Murders and miracles: Lay attitudes towards medicine in classical Antiquity', in R. S. Porter, ed., Patients and Practitioners, Cambridge University Press, 1985, 24-53\*

`Humanist surgery', in A. Wear, R.K. French, I. M. Lonie, eds, The Medical Renaissance of the Sixteenth Century, Cambridge University Press, 1985, 75-99; 298-303\*

`John Caius and the Eton Galen', Medizinhistorisches Journal, 1985, 20: 227-252\*

`Harvey, Goulston and Galen', Koroth, 1985, 8: 112-122\*

`The drug trade in Antiquity', Journal of the Royal Society of Medicine, 1985, 78: 138-145\*

`Henry de Mondeville', in J. R. Strayer, ed., Dictionary of the Middle Ages, vol. 6, New York, Scribner's, 1985, 164-165

Articles in Roy Porter, ed., Dizionario biografico della storia della medicina e delle scienze naturali, Milan, Franco Maria Ricci, 1985, on Alcmeone, Areteo, Aristotele, Asclepiade, Berengario da Carpi, van Beverwijck, Caius,

Castiglioni, Celio Aureliano, Celso, Champier, Daremberg, Dioscoride, Erasistrato, Erasmo, Esculapio  
(Originally printed separately as Kos, Liber amicorum, 1-10, 1984-85)

`The perils of patriotism: Pliny and Roman medicine', in R. K. French, F. Greenaway, eds, Science in the Early Roman Empire, London, Croom Helm, 1986, 30-58\*

Essay Review, `The Birth of the Hospital', Medical History, 1996, 30: 218-221

Articles in Roy Porter, ed., Dizionario biografico della storia della medicina e delle scienze naturali, II, Milan, Franco Maria Ricci, 1987, on Fracastoro, Galeno, Imhotep

`Galen's philosophical testament: `On my own opinions', in J. Wiesner, ed., Aristoteles: Werk und Wirkung, II. Berlin, W. De Gruyter, 1987, 27-51

`Mondino dei Luzzi', in J. R. Strayer, ed., Dictionary of the Middle Ages, vol. 8, New York, Scribner's, 1987, 462-463

`"Qui magni Galeni doctrinam in re medica primus revocavit" Matteo Corti und der Galenismus im medizinischen Unterricht der Renaissance', in G. Keil, ed., Der Humanismus und die oberen Fakultäten, Weinheim, VDA, 1987, 173-184

`Numisianus and Galen', Sudhoffs Archiv, 1987, 71: 235-239

`The Legacy of Hippocrates: Greek medicine in the Library of the Medical Society of London', Transactions of the Medical Society of London, 1986-7, 103: 21-30

`Prisci dissectionum professores: Greek texts and renaissance anatomists', in A. C. Dionisotti, A. T. Grafton & J. Kraye, eds, The Uses of Greek and Latin, London, The Warburg Institute, 1988, 111-126

`Rabelais's copy of Galen', Etudes Rabelaisiennes, 1988, 22: 181-187

`De placitis Hippocratis et Platonis in the Renaissance', in P. Manuli, M. Vegetti, eds, Le opere psicologiche di Galeno, Atti del terzo colloquio Galenico internazionale, Pavia, 1986, Naples, Bibliopolis, 1988, 281-309

`The Ilberg Collection at the Welch Library, Baltimore', Newsletter of the Society for the History of Ancient Medicine, 1988, 16: 28-31

`La Collection Ilberg à Baltimore', Bulletin du Centre Jean Palerne, 1988, 13: 7-10

`Crisis in the medical faculty - Ferrara, 1541', Proceedings of the 30th International Congress of the History of Medicine, 1986, Düsseldorf, Moers, 1012- 1014

`Iain Malcolm Lonie', Gnomon, 1989, 61: 190-191

`Pieter van Foreest and the plagues of Europe; some observations on the Observationes', in H. L. Houtzager, ed., Pieter van Foreest. Een Hollands medicus in de zestiende eeuw, Amsterdam, Rodopi, 1989, 25-39

`Introduction', in V. Nutton, ed., Medicine at the Courts of Europe, 1500-1837, London, Routledge, 1990, 1-14

`Hippocrates in the Renaissance', in G. Baader, R. Winau, eds, Die hippokratischen Epidemien; Theorie, Praxis, Tradition, Sudhoffs Archiv, Beiheft 27, Wiesbaden, Steiner Verlag, 1989, 420-439

`Medicine, diplomacy and finance: two prefaces to a Renaissance commentary', in J. Henry, S. Hutton, eds, New perspectives on renaissance thought, London, Duckworth, 1990, 230-243

`The patient's choice: a new treatise by Galen', Classical Quarterly, 1990, n.s. 40: 235-257

`Les exercices et la santé: Hieronymus Mercurialis et la gymnastique médicale', in J. Céard, M. M. Fontaine, J. C. Margolin, eds, Le corps à la Renaissance. Actes du XXXe colloque de Tours 1987, Paris, Aux amateurs de livres, 1990, 295-30

`The anatomy of the soul in early Renaissance medicine', in G. Dunstan, ed., The human embryo. Aristotle and the Arabic and European traditions, Exeter, University of Exeter Press, 1990, 136-157

`Introduction', in Yosio Kawakita, Shizu Sakai, Yasuo Otsuka, eds, History of Therapy. Proceedings of the 10th International Symposium on the Comparative History of Medicine- East and West, 1985, Tokyo, Ishiyaku EuroAmerica, Inc., 1990, ix-xviii

`Methodist therapeutics and therapeutic methods', in Yosio Kawakita, Shizu Sakai, Yasuo Otsuka, eds, History of Therapy. Proceedings of the 10th International Symposium on the Comparative History of Medicine- East and West, 1985, Tokyo, Ishiyaku EuroAmerica, Inc., 1990, 1-35

`Ellenbogiana', Würzburger medizinhistorische Mitteilungen, 1990, 8: 221-223

`Wandern und Wissenschaft: Medizinstudenten und die Peregrinatio academica im 16. Jahrhundert', in U. Tröhler, ed., Felix Platter (1536-1614) in seiner Zeit, Basle, Schwabe & Co. Verlag, 1991, 11-16

`Style and context in the Method of Healing', in Fridolf Kudlien, Richard J. Durling, eds. Galen's Method of Healing. Proceedings of the 1982 Galen Symposium, Leiden, New York, E.J. Brill, 1991, 1-25

`The reception of Fracastoro's theory of contagion; the seed that fell among

thorns?', Osiris, 1990, 2nd series, 6: 196-234

`From medical certainty to medical amulets; three aspects of ancient therapeutics', in W. F. Bynum, V. Nutton, eds, Essays in the history of therapeutics, Amsterdam, Rodopi, 1991, 13-22

`Un homme perdu et un objet retrouvé chez Vindicianus', in Le latin médical. La constitution d'un langage scientifique. Actes du troisième colloque international sur les textes médicaux latins, St. Etienne, 1989, Publications de l'Université de St. Étienne, 1991, 151-154

`John of Alexandria again: Greek medical philosophy in Latin translation', Classical Quarterly, 1991, n.s. 41: 509-519

Translation of George Buchanan, 'Ad Mariam illustrissimam Scotorum reginam', in R. McQuillan, ed., The Galliard Book of shorter Scottish poems, Edinburgh, Galliard, 1991, 19

`Ancient medicine in E. German libraries', Newsletter of the Society for Ancient Medicine, 1991, 19: 14-19

Essay Review, of Caelius Aurelianus, Akute Krankheiten, Chronische Krankheiten, ed. Gerhard Bendz, Berlin, Akademie Verlag, 1990; Galen, Sull'ottima maniera d'insegnare. Esortazione alla medicina, ed. Adelmo Barigazzi, Berlin, 1991; G. E. R. Lloyd, Methods and problems in Greek Science, Cambridge University Press, 1991; Volker Langholf, Medical theories in Hippocrates, Berlin, De Gruyter, 1990; Robert Sallares, The ecology of the ancient Greek world, London, Duckworth, 1991; Owsei Temkin, Hippocrates in a world of pagans and Christians, Baltimore, Johns Hopkins University Press, 1991, in Medical History, 1992, 36: 87-91

`Healers in the medical market-place: towards a social history of Graeco-Roman medicine', in Andrew Wear, ed., Medicine in Society. Historical Essays, Cambridge University Press, 1992, 15-58

`The contact between civilisations', in J. Cule, M. Gomes Marques, eds, The great maritime discoveries and world health. Lisbon, Escola nacional de Saúde Pública, 1991, 69-83

`The Galenic codices of Theodore Goulston', Revue d'histoire des textes, 1992, 22: 259-268

`Galen at the bedside: the methods of a medical detective', in W. F. Bynum, R. S. Porter, eds, Medicine and the Five Senses, Cambridge, Cambridge University Press, 1993, 7-16, 275-276

`Wittenberg anatomy', in O. P. Grell, A. Cunningham, eds, Medicine and the Reformation, London, Routledge, 1993, 11-32

`Galen and Egypt', in Jutta Kollesch, Diethard Nickel, eds, Galen und das



hellenistische Erbe. Verhandlungen des IV. Internationalen Galen-Symposiums, 1989, Stuttgart, Steiner Verlag, 1993, 1-25

`Roman medicine: tradition, confrontation, assimilation', in Wolfgang Haase, Hildegard Temporini, eds, Aufstieg und Niedergang der römischen Welt, Teil II, Prinzipat, Band 37. 1, Philosophie, Wissenschaften, Technik, 1. Teilband: Wissenschaften (Medizin und Biologie), Berlin and New York, W. de Gruyter, 1993, 49-78

`Humoralism', in W. F. Bynum, Roy Porter, eds, Companion Encyclopedia of the History of Medicine, London, Routledge, 1993, 281-291

`Arabic light on classical heritage', Ad Familiares, The Journal of the Friends of Classics, 1993, 5: xv

`Gweneth Whitteridge (1910-1993)', Medical History, 1994, 38: 103

`Greek science in the sixteenth-century Renaissance', in J. V. Field, Frank James, eds, Renaissance and revolution: Humanists, scholars, craftsmen and natural philosophers in Early Modern Europe, Cambridge, Cambridge University Press, 1993, 15-28

`Beyond the Hippocratic Oath', in Andrew Wear, Johanna Geyer-Kordesch, Roger French, eds, Doctors and Ethics: the earlier historical setting of professional ethics, Amsterdam, Rodopi, 1993, 10-37

`Response to J. A. López Férez, Los escritos Hipócraticos y el Nacimiento de la identidad Europea', in H. A. Khan, ed., The birth of the European identity: the Europe-Asia contrast in Greek thought 490-322 B.C., Nottingham Classical Literature Studies, 2, The University of Nottingham, 1993, 124-130

`Le retour d'Hippocrate', Les Cahiers de Science et Vie, February, 1994, 19: 42-50

`L'Italia e l'insegnamento medico inglese nel Cinquecento', in Francesca Vannozi, ed., L'insegnamento della Medicina in Europa (secoli XIV-XIX). Atti del Convegno tenutosi a Siena in occasione delle celebrazioni dei 750 anni dalla fondazione dell'Università di Siena, Siena, Tipografia Senese, 1994, 25-32

`Scribonius Largus, the unknown pharmacologist', summary in The Pharmaceutical Journal, 1994, 253: 586

`Wissen, Erfahrung, Magie', in C. Freitag, Plinius und die Zahnmedizin. Textstellen der Naturalis Historia. Kölner medizinhistorische Beiträge 67, Arbeiten der Forschungsstelle des Instituts für Geschichte der Medizin der Universität zu Köln, 1994, pp. 347-363

`Scribonius Largus, the unknown pharmacologist', Pharmaceutical Historian, 1995, 25: 5-8

`The medical meeting-place', in P. J. van der Eijk, H. F. J. Horstmanshoff, P. H. Schrijvers, eds., Ancient medicine in its socio-cultural context, Amsterdam, Rodopi, 1995, I, 3-27

`Galen and the traveller's fare', in J. Wilkins, D. Harvey, M. Dobson, eds., Food in Antiquity, Exeter University Press, 1995, pp. 359-370

`The changing language of medicine, 1450-1550', in O. Weijers, ed., Vocabulary of teaching and research between Middle Ages and Renaissance, Turnhout, Brepols, 1995, 184-198

`A new fragment of Posidonius ?', Classical Quarterly, 1995, n.s. 45: 261-263

`Galen ad multos annos', Dynamis, 1995, 15: 25-40

`Beyond the Hippocratic Oath', in Andrew Wear, Johanna Geyer-Kordesch, Roger French, eds, Doctors and Ethics: the earlier historical setting of professional ethics, Amsterdam, Rodopi, 1993, 10-37     `What's in an oath ?', Journal of the Royal College of Physicians of London, 1995, 29,6: 518-524

`Der Luther der Medizin: ein paracelsisches Paradoxon', in Volker Zimmermann, ed., Paracelsus Das Werk - die Rezeption. Beiträge des Symposiums zum 500. Geburtstag von Theophrastus Bombastus von Hohenheim genannt Paracelsus (1493-1541) an der Universität Basel am 3. und 4. Dezember 1993, Stuttgart, Steiner Verlag, 1995, 105-112

`Comment évaluer les annotations médicales des humanistes', in A. Garzya and J. Jouanna, eds, Storia e ecdotica dei testi medici greci, Naples, M. D'Auria Editore, 1996, 351-361

`The rise of medicine', in Roy Porter, ed., Cambridge illustrated history of medicine, Cambridge, Cambridge University Press, 1996, pp. 52-81

`The Western medical tradition 800BC-AD 1800', The Wellcome Trust Review, 1996, 48-50

40 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly, Enzyklopädie der Antike, Band 1, A-Ari, Stuttgart and Weimar, Metzler Verlag, 1996

23 entries on ancient medicine in S. Hornblower, A. Spawforth, eds, The Oxford Classical Dictionary, ed. 3, Oxford, Clarendon Press, 1996

`"Idle old trots, cobblers and costardmongers"; Pieter van Foreest on quackery', in Henriette A. Bosman-Jelgersma, ed., Petrus Forestus medicus, Amsterdam, Stichting A D & L, 1996, 243-256

`Jundishabur', in J. Mouliérac, ed., À l'ombre d'Avicenne. La médecine au temps des califes, Paris, Institut du Monde Arabe, 1996, 22

`Eric Freeman's retirement', Medical History, 1997, 41: 227-228 (with W. F. Bynum)

`The rise of medical humanism: Ferrara, 1464-1555', Renaissance Studies, 1997, 11: 2-19

23 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 2, Ari-Ci, Stuttgart and Weimar, Metzler Verlag, 1997

`Galen on theriac: problems of authenticity', in Armelle Debru, ed., Galen on pharmacology: philosophy, history and medicine, Leiden, New York, Cologne, Brill, 1997, 133-151

`Medicine at the German universities, 1348-1500; a preliminary sketch', Würzburger medizinhistorische Mitteilungen, 1997, 16: 173-190

`Hippocratic medicine and modern morality', in Médecine et Morale dans l'Antiquité, Entretiens sur l'Antiquité Classique 43, Fondation Hardt, Vandoeuvres, Geneva, 1997, 31-63

22 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 3, Ci-Epo, Stuttgart and Weimar, Metzler Verlag, 1997

`An early reader of Vesalius' Fabrica', Vesalius, 1998, 3: 73-74

`Hellenism postponed: some aspects of renaissance medicine, 1490-1530', Sudhoffs Archiv, 1997, 81: 158-170

`Medical history for the millions: The diary of a mini-mogul', The Wellcome Trust Review, 1998, 7: 56-59

19 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 4, Epo-Gro, Stuttgart and Weimar, Metzler Verlag, 1998

`To kill or not to kill ? Caelius Aurelianus on contagion', in K.-D. Fischer, D.Nickel and P.Potter, eds., Text and tradition. Studies in ancient medicine and its transmission presented to Jutta Kollesch, Leiden, Boston, Cologne, Brill, 1998, 233-242

Interview, `Hippokrat bil pervim kto narushil Klutvy', Meditinskaya Gazeta 40 (5862), 20,5,98, p. 9

`Die Pest vernichtete die Guidos', Ein Büchertagebuch; Frankfurter Allgemeine 1998, 703

`Medicine at the German universities, 1348-1500; a preliminary sketch', in R.

French, J. Arrizabalaga, A. Cunningham, L. Garcia-Ballester, eds, Medicine from the Black Death to the French Disease, Aldershot, Ashgate, 1998, pp. 85-109

19 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 5, Gru-Iug, Stuttgart and Weimar, Metzler Verlag, 1998

'Healers and the healing act in Classical Greece', European Review 1999, 7: 27-35

16 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 6, Iul-Lee, Stuttgart and Weimar, Metzler Verlag, 1999

11 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 7, Lef-Men, Stuttgart and Weimar, Metzler Verlag, 1999

5 entries on medicine in M. Landfester, ed., Der neue Pauly. Enzyklopädie der Antike, Band 13, Rezeptions- und Wissenschafts-geschichte, A-Fo, Stuttgart and Weimar, Metzler Verlag, 1999

16 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 8, Mer-Op, Stuttgart and Weimar, Metzler Verlag, 2000

'History of Medicine beyond the Medical School', in C. Debru, ed., History of science and technology in education and training in Europe, Strasbourg, European Commission, 1999, 97-104

'A Diet for Barbarians'. Introducing Renaissance Medicine to Tudor England', in A. Grafton, N. G. Siraisi, eds, Natural particulars. Nature and the disciplines in Renaissance Europe, Cambridge, Mass., and London, MIT Press, 2000, 275-294

'Did the Greeks have a word for it ? Contagion and Contagion Theory in Classical Antiquity', in L. I. Conrad, D. Wujastyk, eds, Contagion. Perspectives from pre-modern societies, Aldershot, Ashgate, 2000, 137-162

'Medical thoughts on urban Pollution', in V. M. Hope, E. Marshall, eds., Death and disease in the Ancient city, London, Routledge, 2000, 65-73

'Hippocrates and the Deer', Friends of the Wellcome Institute Newsletter, 2000, 21: 4-5

'Managing a Metaphor: Cancer in classical Antiquity', Cancer Topics, 2000, 11: 6-8

'Medicine', in A. K. Bowman, P. D. A. Garnsey, D. Rathbone, eds, The

Cambridge Ancient History, Vol. XI, The High Empire, A.D. 70-192, Cambridge, Cambridge University Press, 2000, 943-968

Essay Review, 'Renaissance Anatomy', Medical History, 2000, 44: 544-547

5 entries on ancient medicine, in M. Landfester, ed., Der Neue Pauly. Enzyklopädie der Antike. Rezeptions- und Wissenschaftsgeschichte, Band 14, Fr-Ky, Stuttgart, Metzler Verlag, 2000

18 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 9, Or-Poi, Stuttgart and Weimar, Metzler Verlag, 2000

'Luis García Ballester', Medical History, 2001, 45: 115-116

'Dr James's legacy: Dutch printing and the history of medicine', in L. Hellinga, A. Duke, J. Harskamp, T. Hermans, eds, The Bookshop of the World. The role of the Low Countries in the book-trade, 1473-1941, 't Goy-Houten, 2001, 207-218

'God, Galen, and the depaganisation of ancient medicine', in P. Biller, J. Ziegler, eds, Religion and medicine in the Middle Ages, York, York Medieval Press, 15-32.

8 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 10, Stuttgart and Weimar, Pol-Sal, Metzler Verlag, 2001

'Introduction', Medicine in the Renaissance City, Renaissance Studies. Journal of the Society for Renaissance Studies, 2001, 15,2: 101-103

'Marginally significant', The Osler Library Newsletter, 2001, 95: 1-4

5 entries on ancient medicine in M. Landfester, ed., Der neue Pauly. Enzyklopädie der Antike. Rezeptions- und Wissenschaftsgeschichte Band 15/1, Stuttgart and Weimar, La-Ot, Metzler Verlag, 2001

'Representation and memory in Renaissance anatomical illustration', in F. Meroi and C. Pogliano, eds, Immagini per Conoscere. Dal Rinascimento alla Rivoluzione scientifica. Atti della Giornata di Studio (Firenze, Palazzo Strozzi, 29 ottobre 1999), Florence, L. S. Olschki Editore, 2001, 61-80

7 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 11, Sam-Tal, Stuttgart and Weimar, Metzler Verlag, 2001

'Luis García Ballester and Galen', Dynamis 2001, 21: 457-462

'Logic, learning and experimental medicine', Science 295, February 2002, 800-801

`Hunting for Galen', Friends of the Wellcome Library & Centre Newsletter 26, 2002, 2-5

`Roy Porter (1946-2002)', Friends of the Wellcome Library & Centre Newsletter 2002, 26: 6-7

11 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 12/1, Tam-Vel, Stuttgart and Weimar, Metzler Verlag, 2002

`Owsei Temkin', The Times, August 7, 2002, 30

`In defence of Kühn', in V. Nutton (Editor), The Unknown Galen, Bulletin of the Institute of Classical Studies, Suppl. 77, 2002, 1-7

`Ancient medicine: Asclepius transformed', in C. Tuplin, T. Rihll, eds, Science and Mathematics in Ancient Greek Culture, Oxford, Oxford University Press, 2002, 242-255

1 entry on ancient medicine in M. Landfester, ed, Der neue Pauly. Enzyklopädie der Antike; Rezeptions- und Wissenschaftsgeschichte, Band 15/2, Pae-Sch, Stuttgart and Weimar, Metzler Verlag, 2002

`Owsei Temkin', Medical History 2003, 47; 101-103

10 entries on ancient medicine in H. Cancik, H. Schneider, eds, Der neue Pauly. Enzyklopädie der Antike, Band 12/2, Ven-Z, Stuttgart and Weimar, Metzler Verlag, 2003

`Il giuramento di Ippocrate', Bollettino della Facoltà di Medicina e Chirurgia dell'Università di Ancona 2002, 5: 2-9

`William Harvey's epitaph', Journal of Medical Biography 2003, 11: 74-77

(with N. Serikoff) `A fragmentary manuscript of Galen's Commentary on Hippocrates' Aphorisms', in A. Garzya, J. Jouanna, eds, Trasmissione e Ecdotica dei Testi medici greci, Naples, M. D'Auria, 2003, 385-400

`The diffusion of ancient medicine in the Renaissance', Medicina nei Secoli. Arte e Scienza 2002, 142: 461-478

`André Vésale et l'anatomie parisienne', Cahiers de l'Association Internationale des Études Françaises 2003, 55: 239-249

(with Christine Nutton) `The archer of Meudon: a curious absence of continuity in the history of medicine', Journal of the History of Medicine and Allied Sciences, 2003, 58: 401-427

`A translation of Galen's De substantia virtutum naturalium by Niccolò da Reggio', in D. Groß, M. Reininger, eds, Medizin in Geschichte, Philologie und

Ethnologie. Festschrift für Gundolf Keil, Würzburg, Verlag Königshausen & Neumann, 2003, 321-331

(with Cornelius O'Boyle) 'Montpellier medicine in the Marsh Library, Dublin', Manuscripta, 2001/2, 45/46: 109-132

'Greek, Babylonian and Chinese surgery', in R. Kamel. J. Lumley, eds, Tropical Surgery, London, Westminster Publishing, 2004, 24-25

'Conference Report. Towards a history of medico-scientific communication', Wellcome Historian, 2004, 25: 14-15

'Ancient medicine, from Berlin to Baltimore', in F. Huisman, J. H. Warner, eds., Locating Medical History, Baltimore, Johns Hopkins University Press, 2004, 115-138

'A Library revived', Newsletter of the Friends of the Wellcome Library and Centre, 2004, 32: 3-4

(with Christine Nutton), 'Noël du Fail, Cardano, and the Paris Medical Faculty', Medical History, 2004, 48: 367-72

'Mattioli and the art of the commentary', in D. Fausti, ed. La complessa Scienza dei Semplici. Atti delle Celebrazioni per il V Centenario della Nascita di Pietro Andrea Mattioli. Atti dell' Accademia delle Scienze di Siena detta De' Fisiocritici, serie XV. Tomo 20, Suppl. 2001, Siena, Accademia dei Fisiocritici Onlus, 2004, pp. 133-48

Articles on Francis Adams, John Caius, John Clement, Theodore Goulston, Thomas Linacre, and W. H. S. Jones, in R. B. Todd, editor, Dictionary of British Classicists, Bristol, Continuum, 2005.

'The fatal embrace; Galen and the history of ancient medicine', Science in Context, 2005, 18: 111-121

'Diffusione del libro di carattere medico-scientifico in Europa nel Cinquecento', in M. Mei, ed., Collectio Thesauri; dalle Marche tesori nascosti di un collezionismo illustre, Vol. 1, Florence, Editir, 2005, pp. 41-42

'John Symons' retirement', Medical History, 2005, 49: 517

'In the shadow of Sudhoff: German medical history in the Weimar Republic', Essay Review of: Anne Kristin Oommen-Halbach, Briefe von Walter von Brunn (1876-1052) an Tibor Györy (1869-1938). Ein Beitrag zum Korrespondentennetz Tibor Györys mit deutschen Medizinhistorikern, Remscheid, Gardez ! Verlag, 2004; and Karin Geiger, Der diagnostische Blick. Martin Gumpert als Arzt, Medizinhistoriker und ärztlicher Schriftsteller, Remscheid, Gardez ! Verlag, 2004, in Medical History 2005, 49: 521-525

`Books, printing and medicine in the Renaissance', Medicina nei Secoli 2005, 17: 421-442

`Report. Johann Laurentius Bausch zum 400. Geburtstag', Notes and Records of the Royal Society 60: 2006, 85

`Fracastoro in Manchester', in A. Pastore, E. Peruzzi, eds, Gerolamo Fracastoro fra Medicina, Filosofia e Scienze della Natura, Florence, L. S. Olschki, 2006, 299-310

`The rise of medicine', in R. Porter, ed., The Cambridge History of Medicine, Cambridge, Cambridge University Press, 2006, 46-70  
(an unillustrated revision of the 1996 article)

`Medicine', in E. Bispham, T. Harrison, B. A. Sparkes, eds, The Edinburgh Companion to Ancient Greece and Rome, Edinburgh, Edinburgh University Press, 2006, 423-427

`With benefit of hindsight: Girolamo Mercuriale and Simone Simoni on plague', Medicina e Storia 11: 2006, 5-19

`Half a century of Medical History', Medical History 51: 2007,1-2

`Medicine and philology in Renaissance Paris', in C. W. Müller, C. Brockmann, C. W. Brunschön, Ärzte und ihre Interpreten. Medizinische Fachtexte der Antike als Forschungsgegenstand der Klassischen Philologie. Fachkonferenz zu Ehren von Diethard Nickel, Leipzig, K. G. Saur, 2006., pp. 49-59

`Greco-Roman medicine and the Greek Papyri', in Harald Froschauer, Cornelia Römer, eds, Zwischen Magie und Wissenschaft. Ärzte und Heilkunst in den Papyri aus Ägypten, Vienna, Phoibos Verlag, 2007, 5-12 (German version: `Die Medizin der Griechen und Römer und die griechischen Papyri', ibid., pp. 13-21)

`Basle, printing and the Early Modern intellectual world', Essay review of Frank Hieronymus, Theophrast und Galen - Celsus und Paracelsus. Medizin, Naturphilosophie und Kirchenreform im Basler Buchdruck bis zum Dreissigjährigen Krieg, Basle, Universitätsbibliothek, 2005, in Medical History 51: 2007, 246-249

`Galen in Byzantium', in Michael Grünbart, Ewald Kislinger, Anna Muthesius, Dionysios Stathakopoulos, eds, Material Culture and Well-being in Byzantium, Österreichische Akademie der Wissenschaften, phil.-hist. Klasse, Denkschriften, Bd. 356, Veröffentlichen zur Byzanzforschung, XI, 2007, pp. 171-176

`Dante, medicine and the invisible body', in John C. Barnes and Jennifer Petrie, eds, Dante and the human Body. Eight Essays, Dublin, Four Courts Press, 2007, pp. 43-60

`Rufus of Ephesus' in Noretta Koertge, ed. in chief, New Dictionary of Scientific



Biography, 8 vols, Detroit, New York, Thompson Gale, 2008, 290-292

`It's the patient's fault': Simone Simoni and the plague of Leipzig, 1575', Intellectual History Journal 18: 2008, 5-13

`De motibus liquidis and the medieval Latin Galen', Galenos. Rivista di Filologia dei Testi medici antichi 1: 2007, 163-173

`The manuscripts of the Latin Galen and a Quotation from De Humoribus', in V. Boudon-Millot, A. Guardasole and C. Magdelaine, La science médicale antique. Nouveaux regards. Études réunies en honneur de Jacques Jouanna, Paris, Beauchesne, 2008, pp. 339-352

`Introduction', in V. Nutton, Pestilential Complexities: Understanding medieval Plague, Medical History, Supplement 27, 2008, pp. 1-16

`Ancient Mediterranean pharmacology and cultural transfer', European Review 16: 2008, 211-217

`The fortunes of Galen', in R. J. Hankinson, ed., The Cambridge Companion to Galen, Cambridge, Cambridge University Press, 2008, pp. 355-390

`Greek medical astrology and the boundaries of medicine', in A. Akasoy, C. Burnett, R. Yoeli-Tlalim, Astro-Medicine. Astrology and Medicine, East and West, Florence, Sismel - Edizioni del Galluzzo, 2008, pp. 17-31

`Libri, stampa e medicina nel Rinascimento', in F. Zurlini, ed., Atti della XXXVII Tornata degli studi storici dell'arte medica e della scienza, Fermo, 2003, Fermo, Andrea Livio editore, 2008, pp. 33-49

`Books, printing and medicine in the Renaissance, in F. Zurlini, ed., Atti della XXXVII Tornata degli studi storici dell'arte medica e della scienza, Fermo, 2003, Fermo, Andrea Livio editore, 2008, pp. 50-65

`The medical world of Rufus of Ephesus', in P. Pormann, ed., Rufus of Ephesus. On Melancholy, Scripta Antiquitatis posterioris ad ethicam RELigionemque pertinentia 12, Tübingen, Mohr Siebeck, 2008, pp. 139-58

`The pleasures of erudition: Mercuriale's Variae lectiones', in A. Arcangeli and V. Nutton, eds, Girolamo Mercuriale. Medicina e cultura nell'Europa del Cinquecento, Florence, L. Olschki, 2008, pp. 179-90

`Arabism', `Arabists', Encyclopaedia of Islam, ed. 3, Leiden, Brill, 2008, pp. 124-5

`The discourse of practitioners in the tradition of the Hippocratic texts', in Robert B. Baker and Laurence B. McCullough, eds, The Cambridge World History of Medical Ethics, Cambridge, Cambridge University Press, 2009, pp. 359-63

`Biographical accounts of Galen, 1340-1660', in Thomas Rütten, ed, Geschichte

der Medizingeschichtsschreibung. Historiographie unter dem Diktat literarischer Gattungen von der Antike bis zur Aufklärung, Remscheid, Gardez! Verlag, 2009, 201-32

'Galen's authorial voice', in L. Taub, A. Doody, eds, Authorial Voices in Greco-Roman Technical Writing, Trier, Wissenschaftliche Verlag, 2009, pp. 53-62

'Galen's library', in C. Gill, T. Whitmarsh, J. Wilkins, eds, Galen and the World of Knowledge, Cambridge University Press, 2009, pp. 19-34

'Medieval medicine', Metascience 10, 2010, 1007-1010

(with Barbara Zipser), 'MSL 14. A Wellcome manuscript of a medical practitioner', in V. Boudon-Millot, A. Garzya, J. Jouanna, A. Roselli, eds, Storia della Tradizione e Edizione dei Medici greci. Atti del VI Colloquio internazionale, Pairs 12-14 Aprile 2008, Naples, M. D'Auria, 2010, pp. 259-270

'Galen in context', in F. Cairns, M. Griffin, eds, Papers of the Langford Latin Seminar 14, 2010, 1-18

'Editionen im Bereich der Corpora medicorum', in I. Wirth, Neue Beiträge zur Virchow-Forschung. Festschrift zum 70. Geburtstag von Christian Andree, Mit einem Anhang Editionen in der Wissenschaftsgeschichte, Hildesheim, Zurich and New York, G. Olms, 2010, pp. 538-553

Essay Review. 'Embodiments of will', Perspectives in Biology and Medicine 2010: 53, 271-88

'Gymnasium', 'Humors', 'Medicine', 'Mercuriale', 'Nicetas Codex', 'Plague', in Anthony Grafton, Glenn W. Most, Salvatore Settis (eds), The classical Tradition, Cambridge, Mass., The Belknap Press of Harvard University, 2010

Articles on 'Papyrus Johnson', 'Johannes de Ketham', 'Epistula de febris', 'Traité médicaux', 'Macharias De oculis', in G. D'Andiran, ed., La Médecine ancienne, du Corps aux Étoiles, Cologny, Fondation Bodmer, 2010.

'De virtute centaureae: a neglected Methodist text?', in D. Langslow, B. Maire, eds, Disease and Treatment in a changing World. Latin Texts and Contexts in ancient and medieval Medicine, Lausanne, BHMS, 2010, pp. 213-222

'Authenticity and forgery in medieval medicine', in F. E. Glaze, B. Nance, eds, Between Text and Patient. The medical Enterprise in Medieval and Early Modern Europe. Studies in honour of Michael McVaugh, Florence, Sismel - Edizioni del Galluzzo, 2011, pp. 481- 492

'Books, erudition and medicine, 1450-1700', in Palmira Fontes da Costa, Adelino da Costa, eds, Percursos na Historia do Livro medico (1450-1800), Lisbon, Edições Colibri, 2011, pp. 33-44

'New light on ancient medicine', British Academy Review 18, Summer 2011, 45-47

'Humours and pneumas. The Hippocratic tradition', in William and Helen Bynum, eds, Great Discoveries in Medicine, London, Thames and Hudson, 2011, pp. 26-29

'Prospettive sulla storia della medicina', in Silvia Ferretto, Pietro Gori and Massimo Rinaldi, eds, Libertas philosophandi in naturalibus. Libertà di ricerca e criteri di regolamentazione istituzionale tra `500 e `700, Padua, CLEUP, 2011, pp. 51-59

'Padua, religion and English medicine in the sixteenth century', in Silvia Ferretto, Pietro Gori and Massimo Rinaldi, eds, Libertas philosophandi in naturalibus. Libertà di ricerca e criteri di regolamentazione istituzionale tra `500 e `700, Padua, CLEUP, 2011, pp. 163-176

'Picturing Medicine: the Dresden Galen', in Karin Krause, Barbara Schellewald, eds, Bild und Text im Mittelalter, Cologne, Weimar and Vienna, Böhlau Verlag, 2011, pp. 347-361

'Understanding contagious diseases: Baillou's notes on Julien Le Paulmier's *De morbis contagiosis*'. Medicina & Storia 2011, 11: 141-151

'Le sang et l'air', Medicina & Storia 2011, n.s. 1-2: 213-224

23 entries on ancient medicine in S. Hornblower, A. Spawforth, eds, The Oxford Classical Dictionary, ed. 4, Oxford, Clarendon Press, 2012

'From Noah to Galen. A medieval Latin history of medicine', in Ildikó Csepregi and Charles Burnett, eds, Ritual Healing. Magic, Ritual and Medical Therapy from Antiquity until the Early Modern Period, Florence, SISMEL - Edizioni del Galluzzo, 2012, pp. 53-69

'Physiologia from Galen to Jacob Bording', in Helen King, Manfred Horstmanshoff, Claus Zittel, eds, Blood, Sweat and Tears. The changing Concepts of Physiology from Antiquity into Early Modern Europe. Intersections: Interdisciplinary Studies in Early Modern Culture 25, Leiden, Brill, 2012, pp. 27-40.

'Galen's rhetoric of certainty', in Joel Coste, Danielle Jacquart and Jackie Pigeaud, eds, La rhétorique médicale à travers les siècles. Actes du colloque international de Paris, 9 et 10 octobre, 2008, Geneva, Droz, 2012, pp. 39-49.

'Vesalius revised: his annotations to the 1555 *Fabrica*', in Medical History 2012, 56: 415-443.

'The commentary on the Hippocratic Oath ascribed to Galen', in Stefania Fortuna, Ivan Garofalo, Alessandro Lami and Amneris Roselli, eds., Sulla tradizione indiretta dei testi medici greci: i commenti. Atti del iv seminario

internazionale di Siena (Certosa di Pontignano, 3-4 giugno, 2011), Pisa and Rome, Fabrizio Serra Editore, 2012, 91-100

'Galenic madness', in William V. Harris, ed., Mental Disorders in the Classical World, Leiden, Brill, 2013, 119-128

'The Puschmann legacy: medical history and the history of medical education', in Roberto Sani and Fabiola Zurlini, eds., The Education of the Doctor in the Early Modern Period (from the sixteenth Century until the eighteenth Century). La formazione del medico in età moderna (secoli XVI-XVIII). Atti della XXXVIII Tornata degli Studi storici dell'Arte Medica e della Scienza (Fermo, 20-22 maggio 2010), Macerata, EUYM, 2013, pp. 15-25

'Introduction' to D. Garrison, M. Hast, Vesalius on the Fabric of the Human Body, Basle, Karger, 2013, pp. LXXV-CIX

'Ippocrate nel Rinascimento', in Maria Conforti, Andrea Carlino, Antonio Clericuzio, eds, Interpretare e curare. Medicina e salute nel Rinascimento, Rome, Carrocci, 2014, pp. 21-42

'Early medieval medicine and natural science', in David C. Lindberg, Michael H. Shank, eds, The Cambridge History of Science. Volume 2, Medieval Science, Cambridge, Cambridge University Press, 2013, pp. 323-40.

'Niccolò in context', Medicina nei Secoli 2013, 25: 941-956.

'Allianoi: a Missing Link in the History of Hospitals?' Essay Review in: Medical History 2014, 58: 122-125.

'Simon of Genoa and medieval medicine', in Barbara Zipser, ed., *Simon of Genoa's Medical Lexikon*, London, Versita, 2014, pp. 9-14.

'The doctor and the magistrate: a lawyer's view of medical ethics', in Mariacarla Gadebusch Bondio, ed., *Premodern Negotiations between Medicine and Philosophy, Schriften der Villa Vigoni, Band 2*, Stuttgart, Franz Steiner Verlag, 2014, pp. 210-219.

'Arts and science', in Robrecht Van Hee, ed., *Art of Vesalius*, Antwerp and Apeldoorn, Garant, 2014, 35-50.

'The Puschmann legacy: medical history and the history of medical education', in Fabiola Zurlini, ed., *La storia della medicina nella formazione del medico ieri e oggi: esperienze e prospettive di una professione*, Andrea Livi Editore, Fermo, 2014, pp. 56-72.

'L'eredità di Puschmann: storia della medicina e storia della formazione medica', in Fabiola Zurlini, ed., *La storia della medicina nella formazione del medico ieri e oggi: esperienze e prospettive di una professione*, Andrea Livi Editore, Fermo, 2014, pp. 57-73.

“Rhodiapolis and Alliano: two missing links in the history of hospitals?”, Early Christianity 2014, 5: 371-389.

‘What’s in a *Nomen*: Vlatadon 14 and an old theory resurrected’, in Brooke Holmes and Klaus-Dietrich Fischer, eds., *The Frontiers of Ancient Science. Essays in Honor of Heinrich von Staden, Beiträge zur Altertumskunde* 338, Berlin, Munich and Boston, 2015, pp. 453-462.

‘*De virtutibus centaureae*: a pseudo-Galenic text on pharmacology’, Galenos. Rivista di filologia dei testi medici antichi 2014, 8: 149-175.