

## Matteo Martelli – *Curriculum Vitae* (01/2026)

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I am Full Professor of History of Science at the University of Bologna, where I teach courses on the history of premodern science and technology and on ancient medicine. My research focuses on Graeco-Roman and Byzantine science, with particular attention to alchemy and pharmacology and to their reception in the Syro-Arabic tradition. My publications include *The Four Books of Pseudo-Democritus* (2014), the sections on the Graeco-Roman world in the first volume of the *Bloomsbury Cultural History of Chemistry*, as well as several edited volumes and special issues of internationally recognized journals.

Together with three other principal investigators from the Universities of Louvain-la-Neuve, Erlangen, and South Carolina, I am currently leading the ERC Synergy Project MOSAIC – *Mapping Occult Sciences Across Islamicate Cultures*. Previously, I led two major research projects: the ERC project *AlchemEast – Alchemy in the Making: From Ancient Babylonia via Graeco-Roman Egypt into the Byzantine, Syriac, and Arabic Traditions* (2017–2023), and a FARE project on the reception of Graeco-Arabic alchemy in early modern Europe (2020–2024).

I have also served as a research associate at the Berlin-Brandenburg Academy of Sciences and Humanities and at Humboldt University of Berlin, where I contributed to major projects on the transmission and interpretation of ancient medicine. My academic career includes major international fellowships, notably the Edelstein Fellowship at the Chemical Heritage Foundation in Philadelphia. These experiences have informed my research and teaching, which focus on the study of premodern science and its long-term intellectual legacy.

### Current position

Professor of History of Science and Technology (Phil-02/B) – University of Bologna

(2025-) Co-Principal Investigator of the ERC Project (Synergy Grant): “Mapping Occult Sciences Across Islamicate Cultures” – Acronym: *MOSAIC*

### Past positions

(2020-2024) Principal Investigator of the FARE Project “The Western *AlchemEast*: Graeco-Arabic Alchemy in Early Modern Europe”

(2017-2023) Principal Investigator of the ERC Project (Consolidator Grant) “Alchemy in the Making: From ancient Babylonia via Graeco-Roman Egypt into the Byzantine, Syriac and Arabic traditions (1500 BCE - 1000 AD)” - Acronym: *AlchemEast*

(2017-2020) Associate professor in History of Science and Technology (M-Sto/05) – University of Bologna

(2016-2017) Research Associate (Wissenschaftlicher Mitarbeiter); Berlin-brandenburgische Akademie der Wissenschaften – Project: *Galen of Pergamum. The Transmission, Interpretation and Completion of Ancient Medicine* (Corpus Medicorum Graecorum)

(09.2012-06.2016) Research Associate (Wissenschaftlicher Mitarbeiter); Institut für Klassische Philologie, Humboldt-Universität zu Berlin – SFB Project 980: *Episteme in Bewegung*; sub-project (directed by Prof. Philip Van der Eijk; Prof. Mark Geller): *Der Transfer medizinischer Episteme in den ‚enzyklopädischen‘ Sammelwerken der Spätantike*.

## **Fellowships and scholarships**

(2010-2012) Post-Doc AvHu-Fellowship; Institut für Klassische Philologie, Humboldt-Universität zu Berlin – Alexander von Humboldt Professorship Programme (directed by Prof. Philip van der Eijk): *Medicine of the Mind, Philosophy of the Body*

(2009-2010) Post-Doc Sidney M. Edelstein Fellowship; Chemical Heritage Foundation, Philadelphia (USA)

(2006) "Marco Polo Programme" Scholarship; Centre d'histoire des doctrines de la fin de l'Antiquité et du haut Moyen-Âge (CNRS – UPR 76), Paris

(2004-2006) PhD Fellowship; Dipartimento di Filologica classica e medievale, University of Bologna

## **Education**

(2012) PhD in History of Science (06.06.2012); Dipartimento di Civiltà e Forme del Sapere, University of Pisa (Supervisors: Prof. Maria Michela Sassi; Prof. Marco Beretta)

(2007) PhD in Classics (Ancient Greek Philology; 15.05.2007); Dipartimento di Filologia Classica e Medievale, University of Bologna (Supervisor: Prof. Vinicio Tammaro)

(2002) MA in Classics; Dipartimento di Filologia Classica e Medievale, University of Bologna

## **Grants and projects**

(2025-) ERC Synergy Grant, project *MOSAIC* (Co-PI)

(2022-) National Edition of the Works by Ulisse Aldrovandi (Co-applicant)

(2020-2024) FARE Project (MIUR), *The Western AlchemEast: Graeco-Arabic Alchemy in Early Modern Europe* (PI)

(2017-2023) ERC Consolidator Grant (HORIZON 2020), project *AlchemEast* (PI)

(2017) Rita Levi Montalcini Grant - Declined

(2017-2019) BA-Leverhulme Small Grant, project *Rethinking Ancient Pharmacology: Galen's Treatise On Simple Drugs* [Co-applicant; P.I. Dr. Caroline Petit]

## **Prizes/Awards**

(2022) The article "Exploring the Ancient Chemistry of Mercury" (PNAS 2022) was awarded the 2022 Cozzarelli prize (Class I: Physical and Mathematical Sciences)

(2011) My book *Pseudo-Democrito, Scritti alchemici con il commentario di Sinesio* was awarded the Prize 'Book of the Year' by the Journal *Azogue*

(2013) My book *Pseudo-Democrito, Scritti alchemici con il commentario di Sinesio* was awarded the Prize for Young Historians (2013) by the *International Academy of the History of Science*

## **Academies (elected member) and commissions of trust**

(2023-) Member of the scientific board of the Bologna University Library

(2022-) Member as treasurer of the *Edizione Nazionale delle opere di Ulisse Aldrovandi*

(2020-2023) Vice president of the *Società Italiana di Storia della Scienza*

(2018-2020) Member of the Board of the *Società Italiana di Storia della Scienza*

(2017-2023) Member of the Board of the *International Academy of the History of Science* (webmaster)

(since 2015) Corresponding member of the *International Academy of the History of Science*

(2014) Member of the *Advisory Committee* for the exposition *Art of Alchemy*, Getty Museum, Research Institute, Los Angeles

## **Editorial boards**

(since 2022) Editorial advisory board of the *Journal for the History of Knowledge*

(since 2022) Associate editor of the journal *Aldrovandiana. Historical Studies on Natural History*.

(since 2021) Advisory board (*Beirat*) of the series *Corpus medicorum graecorum* (CMG), Berlin-brandenburgische Akademie der Wissenschaften, Berlin.

(since 2021) Editorial board of the journal *Physis. International Journal for the History of Science*.

(since 2019) Editorial board of the series *Current Issues in Ancient Medicine* (CIAM), Schwabe Verlag, Basel-Berlin.

(since 2017) Co-editor of the series *Ancient Culture of Sciences and Knowledge* (ASK), Mohr Siebeck, Germany.

(since 2017-2021) Advisory board of the Journal *Archives Internationales d'Histoire des Sciences* (AIHS) and book review editor.

(since 2014) Editorial advisory board of the Journal *Ambix. Journal of the Society for the History of Alchemy and Chemistry*

### **Conception and organization of scientific events (international exhibitions, conferences and workshops)**

(2025) (co-organizer) Exhibition: *Il primo profumo. Tappūtī e la storia degli aromi* – Bologna University Library/Palazzo Poggi Museum 12.10 – 9.11.2025

(2025) (co-organizer) International conference: *Exploring Ancient Pharmacology. Drugs, Words and Practices* – University of Bologna, 24-26.11.2025

(2023-2024) (co-organizer) International conference: *New Perspectives on MS Bononiensis 3632* – First installment: Bologna University Library, 12-13.06.2023; Second installment: National and Kapodistrian University of Athens, 18-19.07.2024

(2023) (co-organizer) Exhibition: *L'oro dei filosofi. Dai manoscritti Bolognesi al laboratorio chimico* – Bologna University Library, 15.05–17.06.2023

(2023) (co-organizer) International conference: *Studies on Ancient Plants. Multidisciplinary Approaches and New Perspectives* – University of Bologna, 13-14.02.2023

(2022) (co-organizer) International conference: *Ancient Science and Technology of Colour: Pigments, dyes, drugs and their perception in Antiquity* – University of Pisa, 28-29.04.2022

(2022) (co-organizer) Workshop: *Gold & Mercury. Metals in Transit* – Lorentz Center, Leiden, 7-10.06.2022

(2021) Workshop: *Chemical Arts and Religion in Antiquity* (online), 14-15.10.2021

(2021) (co-organizer) Workshop: *Sources of ancient alchemy and chemistry* (online), 6-8.06.2021

(2020) (co-organizer) Workshop: *Scent Lab. Plant-Based Perfumes in the Ancient Mediterranean* (online), 2-3.07.2020

(2019) Workshop: *Reading Seminar of Babylonian Proto-Chemistry* – University of Bologna, 16-18.07.2019

(2019) (co-organizer) International Conference: *Exempla Trahunt – Specimens of Alchemical and Scientific Manuscripts* (Arabic&Syriac) – University of Bologna, 8-9.07.2019

(2018) Workshop: *Music and Alchemy* – University of Bologna, 29.11.2018

(2018) Workshop: *Sources of Alchemy and Chemistry* – University of Bologna, 10-11.07.2018

(2018) (co-organizer) Workshop *Towards a Cultural History of Chemistry: The Ancient World* – University of Bologna, 04.06.2018

(2017) (co-organizer) International conference: *Rethinking Ancient Pharmacology: The Textual Transmission and Interpretation of Galen's Treatise On Simple Drugs* – British School, Rome, 22.09.2017

(2016) International conference: *Early Byzantine Encyclopaedias of Medicine: Problems and Perspectives* – Humboldt-Universität zu Berlin, 27.05.2016

(2016) *Describing, Classifying, and Transforming Natural Substances in Ancient Sciences* – Panel at the *International Conference of the American Association for the History of Medicine* (AAHM), Minneapolis – USA, 29.04.2016

(2015) (co-organizer) *Medical Knowledge in Motion: Exchange, Transformation and Iteration in the Medical Tradition of the Late Antique Mediterranean World* – Panel at the *CHAM International Conference*, Lisbon, 16.06.2015

(2014) (co-organizer) International conference: *Female Bodies and Female Practitioners in the Medical Traditions of the Late Antique Mediterranean World* – Humboldt-Universität zu Berlin / Freie Universität, Berlin, 27-29.03.2014

(2014) (co-organizer) *Jewish Medicine in Context* (12 papers) – 4 panels at the *10th Congress of the European Association of Jewish Studies* (EAJS), Paris, 22.07.2014

(2014) (co-organizer) International conference: *Medical Translators at Work. Syriac, Arabic, Hebrew, and Latin Translations in Dialogue* – Humboldt-Universität zu Berlin, 20-21.03.2014

(2013) (co-organizer) Workshop: *Late Antique – Early Byzantine Pharmacology and its Reception in the Talmudic Tradition* – Humboldt-Universität zu Berlin / Freie Universität, Berlin, 5-6.12.2013

### **Lectures and papers (selection from the last 10 years)**

1. *Alchemy in the Making: Ancient Practices, Theories and Experiments*, Brown-University of Bologna Annual Lecture, Brown University, 18.09.2025
2. *Distilling Eggs... or Distilling the Cosmos?*, History of Science Workshop *The Secret Ingredient: Reading Recipes and Recovering Knowledge in Premodern Culture*, Princeton University, 28.02 – 01.03.2025
3. *Dyeing and Medicinal Plants in the Syriac Alchemical Corpus*, International conference *Constructions of Knowledge, Practices and Representations of Vegetal Life in Christian Space from Late Antiquity to the Early Modern Age*, University of Padua, 30-31.10.2024
4. *Egg-Chrysopoieia in Byzantium*, International symposium *Making Alchemical Knowledge from Antiquity to the Middle Ages*, National Hellenic Research Foundation, 10.06.2024
5. *Zosimus on Divine Waters: The Syriac Tradition*, International conference *Chrysopoetic Recipes and Chemical Theory in Medieval Greek and Arabic Texts*, Freie Universität Berlin, Institut für Wissensgeschichte 23-24.05.2024
6. *'Becoming Cinnabar' in Ancient Science and Medicine*, International conference *Colours in Ancient Medicine*, University of Patras, 3-4.11.2023
7. *Where did Chemistry Begin? A Search for its Origin* (with E. Escobar), online lecture for the Royal Society of Chemistry Historical Group, 16.05.2023
8. *Alchemy in Graeco-Roman Egypt*, online lecture for the Royal Society of Chemistry Historical Group, 25.03.2023
9. *A Chemical Approach to the Ancient Alchemical Theory: All Metals are Mercury* (with L. Maini), panel *Material Culture, Texts and Theories: An Interdisciplinary Approach to the History of Chemical Arts*, at the *ICHC 2023* (13<sup>th</sup> International Conference on the History of Chemistry), Vilnius, 23-27.05.2023
10. *Scienza e medicina nel Tifeo*, invited lecture, University Federico II, Naples, 19.12.2022
11. *Greek Pharmaka in the Syriac Alchemical Tradition*, panel *Recent Advances in the Study of Syriac and Arabic Medical Texts and Terminology* at the *13<sup>th</sup> Symposium Syriacum – 11<sup>th</sup> Congrès d'études arabes chrétiennes*, Paris, 4-9.07.2022
12. *Gold and Mercury as Living Bodies* (with V. Carlotta), international workshop *Gold & Mercury. Metals in Transit*, Leiden, 07.06.2022
13. *Graeco-Egyptian Alchemy and its Siro-Arabic Reception*, invited lecture, University of Barcelona, 19.05.2022
14. *Divine Waters and Dyeing 'sauces': Changing Colours and Transforming Matter*, International conference *Ancient Science and Technology of Colour*, University of Pisa, 28-29.04.2022
15. *Dyeing and Transmuting Metals in Graeco-Roman Egypt*, invited lecture, Institute of Philosophy, Czech Academy of Sciences, Prague, 25.04.2022
16. *Alchemical Equipment in Byzantine and Syriac Manuscripts*, seminar, University of Edinburgh, 09.03.2022
17. *Female Practitioners in Graeco-Egyptian Alchemy*, workshop (online) *4<sup>th</sup> Turba Meeting: The Female Presence in Alchemy* (SHAC), University of Oxford, 10.12.2021

18. *Ancient Chymistry of Mercury* (with L. Maini and M. Marchini), online seminar in the framework of the *Turba Discussion Group* (SHAC), University of Oxford, 26.11.2021
19. *Byzantine Alchemy in Early Modern Europe* (with Giorgia Pausillo), International conference *Pontes X. Die antike Literatur und die Wissenschaftliche Revolution*, Innsbruck, 25-25.09.2021
20. *Shadowy Copper and Shining Silver: Metallic Shades in Ancient Alchemy*, online workshop *The Sensoaesthetic Aspect of Ancient Materials*, University of Exeter – the Cyprus Institute, 1-2.07.2021
21. *Images and Illustrations in Syriac Alchemical Manuscripts*, (online) International Workshop *Le livre scientifique médiéval: quand la forme influence le fond*, Bologna – Paris, 25.06.2021
22. *Minerals for Medicine and Alchemy: Dyes and Dry Pharmaka*, online conference *Traditions of Materia Medica*, Humboldt-Universität zu Berlin, 16-18.06.2021
23. *Le pietre di Galeno e il loro rapporto con i lapidari tardo-antichi*, online lecture as part of the *Seminari del Martedì*, University of Siena, 11.05.2021
24. *Mercury in Late Antique Alchemical and Medical Sources: Practice and Theory*, (online) paper in the Webinar *Ancient Medicine & Technology*, University of Exeter – University of Patras, 25.02.2021
25. *Homer's Alchemy between Byzantium and Baghdad* (with B. Dimitrov), International Workshop *Alchemy in Byzantium: A Research Field on the Rise*, National Hellenic Research Foundation, Athens, 9-10.11.2020
26. *Alchimia bizantina nell'Italia del XVI-XVII secolo* (with G. Pausillo), Workshop *La chimica in Italia (1500-1800): Teorie, pratiche, esperimenti*, Università Roma Tre, 13-14.12.2019
27. *Galen's Simple Drugs in the Syriac Alchemical Tradition*, International Conference *Exploring the Syriac Galen Palimpsest (British Academy Conference 2019)*, University of Manchester, The John Rylands Library, 31.10 - 01.11.2019
28. *How did the Ancients Decode Alchemical Recipes*, Panel “Encoding Technical Knowledge in the Pre-Modern World”, SHOT Annual Meeting, Milano, 26.10.2019
29. *Medicine in the Writing Attributed to Zosimus of Panopolis*, VII Seminario internazionale *Sulla tradizione indiretta dei testi medici greci*, Università degli Studi di Roma, Tor Vergata, Villa Mandragone, 25.10.2019
30. *Galen's Minerals in Aetius and in Byzantine Compendia*, Colloque international *Écriture, réécriture ou citation: les procédés de composition des textes médicaux antiques*, Université de Lausanne, Ferme de Dorigny, 23-25.09.2019
31. *Maria the Jewess's Alchemical Practice in the Renaissance* (with L. Raggetti), First Brill Seminar of the Material and Visual History of Science *Gendered Touch – Women, Men and Knowledge-Making in Early Modern Europe*, Università di Bologna, 28-29.07.2019
32. *Ancient Alchemy and Egyptian Priests*, International Conference *Magia, Cultura y Sociedad en el Mundo Antigo*, Universitat Pompeu Fabra, Barcelona, 30-31.05.2019
33. *Between Bolus of Mendes and Pseudo-Democritus: The Alchemical Face of Pythagoreanism?*, International Workshop *Pseudopythagorica Atelier IX*, Fondation Maison des sciences de l'homme, Paris, 23-24.05.2019
34. *Ordering Materia Medica in Galen's On Simple Drugs*, International Workshop *Rethinking Ancient Pharmacology II*, The Warburg Institute, London, 07.05.2019
35. *Mineral Drugs in Byzantine and Syriac Recipe-Books on Alchemy*, International Conference *Drugs in the Medieval World (ca. 1050-ca. 1400)*, King's College, London, 7-8.12.2018
36. *Hippocrates the Alchemist*, XVI. Colloquium Hippocraticum (Colloque hippocratique), *Hippocrates and the others*, Accademia dei Lincei, Roma, 25-27.10.2018
37. *Making Sense of the Alchemical Terminology: Two Syriac Dictionaries on Alchemy*, International Conference *Gotha Manuscripts Workshop. Alchemy in the Islamic World*, Gotha Research Library, 28-29.09.2018

38. *Selecting and Organizing Recipes in Late Antique and Early Byzantine Compendia of Medicine and Alchemy*, International Conference *Learning by Book: Manuals and Handbooks in the History of Knowledge*, Princeton University, 6-10.06.2018
39. *Du syriaque à l'arabe, du latin au grec : le De plantis attribué à Aristote et ses traductions*; Colloque international *De Bagdad à Constantinople : le transfert des savoirs médicaux (XIe-XVe s.)*, Reims, 24-25.05.2018
40. *Reading the Books of the Sages: Byzantine Hermeneutics of Ancient Alchemical Recipes*; 53rd International Congress on Medieval Studies, Western Michigan University, Kalamazoo, 10-13.05.2018
41. *Compiling Alchemical Recipe-Books in Byzantium and Beyond: Between Technical Practice and Antiquarian Interest*, International Workshop *Testing and Translating Textual Evidence: A Greek Medieval Treatise on Goldsmithing*, RGZM, Mainz, 12-15.03.2018
42. *I minerali di Galeno*, Seminario di *Storia della scienza antica*, Università di Milano / MPIGW Berlin, Gargnano, 5.10.2017
43. *Medicines for the Soul and the Soul of Medicines*, International Workshop *Psychopharmaka in Ancient Greek Medicine and Thought*, BBAW, Berlin, 29.09.2017
44. *Graeco-Egyptian Alchemy between Byzantium and the East*, lecture at the Staatliche Museen zu Berlin, Kulturforum, 14.06.2017
45. *Physiognomic Treatises in Syriac: A Survey*, Seminar *Physiognomik zwischen Orient und Okzident* (BabMed Seminar for the History of Science), Freie Universität, Berlin, 31.01.2017
46. *Chromatic Transformations between Alchemy and Medicine: Ps.-Democritus and Miriam the Prophetess*, lecture at the Case Western University / Allen Memorial Medical Library, Cleveland, 23.01.2017
47. *The Graeco-Egyptian Origins of Alchemy: Chromatic Transformations in the Byzantine and Syriac Traditions*, Colloquium *The Art of Alchemy*, Getty Museum, Getty Research Institute, Los Angeles, 19.01.2017
48. *Usi farmacologici delle piante nel trattato galenico Sui semplici*, GrAL Workshop *Tradizioni del sapere botanico tra antichità e medioevo* Università degli studi di Pisa, 16-17.10.2016
49. *Stone by Stone: Building the Graeco-Arabic Edition of Galen's On Simple Drugs, Book 9* (with L. Raggetti), COMST International Workshop *Looking back - Looking ahead*, Universität Hamburg, 26.09.2016
50. *Aetius of Amida on Diet and Appetite*, Workshop *Early Byzantine Encyclopaedias of Medicine: Problems and Perspectives*, Humboldt-Universität zu Berlin, 27.05.2016

## **Publications**

### **Books and edited volumes**

1. (ed. with M. Bol, L. Raggetti, J. Rampling) *Changing Colour – Yellow Dyes from Antiquity to Early Modernity*, special issue of the journal 'Ambix' 71.1 (2024)
2. (ed. with M.M. Sassi) *Ancient Science and Technology of Colour. Pigments, Dyes, Drugs and their Experience in Antiquity, part 2*, special issue of 'Technai. An International Journal for Ancient Science and Technology' 14 (2023)
3. (ed. with M.M. Sassi) *Ancient Science and Technology of Colour. Pigments, Dyes, Drugs and their Experience in Antiquity, part 1*, special issue of 'Technai. An International Journal for Ancient Science and Technology' 13 (2022)
4. (ed. with N. Borrelli) *Chemical Arts and Religion in Antiquity*, special issue of 'ARYS. Antigüedad, Religiones y Sociedades' 20 (2022)
5. (ed. with C. Petit and L. Raggetti) *Galen's Treatise On Simple Drugs: Interpretation and Transmission*, special issue of the journal 'Archives Internationales d'Histoire des Sciences' 70 (2020)
6. *L'alchimista antico. Dall'Egitto greco-romano a Bisanzio*, Milano: Editrice Bibliografica, 2019

7. (ed. with L. Lehmhaus) *Collecting Recipes. Byzantine and Jewish Pharmacology in Dialogue*, Berlin: De Gruyter, 2017
8. (ed.) *Syriac Medicine*, special issue of the journal 'Aramaic Studies' 15.2 (2017)
9. *The Four Books of Pseudo-Democritus*, Leeds: Maney Publishing (Series 'Sources of Alchemy and Chemistry,' Supplement of *Ambix*), 2013
10. *Pseudo-Democriso, Scritti alchemici, con il commentario di Sinesio. Edizione critica del testo greco, traduzione e commento*, Paris-Milano: S.É.H.A.-Archè ('Textes et Travaux de Chrysopoeia' 12), 2011

### Articles and chapters

11. *The Persea Tree in the Greco-Egyptian Alchemical Tradition*, in S.M. Oberhelman (ed.), *Manuscripts, Plants, Remedies in the Mediterranean Traditions*, Tome 3: *Remedies. Pharmacy, Drugs, Archaeology, Tradition*, Berlin: De Gruyter (2025), pp. 567–585
12. *Is Gold Yellow? Plant Dyes and Gold-Making in the Ancient Chemical Arts*, 'Ambix' 71 (2024): pp. 10–34 (with C. Manco)
13. *Artificial Vitriols: A Contemporary Interpretation of Historical Ingredients*, 'RSC Advances' 14 (2024): pp. 21538–21543 (with G. Montanari, M. Marchini, L. Maini)
14. *Changing Colour: Yellow Dyes from Antiquity to Early Modernity*, 'Ambix' 71 (2024): pp. 1–9 (with M. Bol. L. Raggetti, J.M. Rampling)
15. *'What makes every work perfect is cooking and grinding': The Ancient Roots of Mechanochemistry*, 'RSC Mechanochemistry', 1 (2024): pp. 123–129 (with M. Marchini, G. Montanari, L. Casali, L. raggetti, M. Baláz, P. Baláz, L. Maini)
16. *Late Byzantine Alchemical Recipe Books: Metallurgy, Pharmacology, and Cuisine*, in P. Bouras-Vallianatos and D. Stathakopoulos (eds.), *Drugs in the Medieval Mediterranean. Transmission and Circulation of Pharmacological Knowledge*, Cambridge: Cambridge University Press, 2024, pp. 336–365
17. *Dall'arabo al greco bizantino attraverso il latino: il De plantis dello Pseudo-Aristotele tra botanica e medicina*, in M. Cronier, A. Guardasole, A. Pietrobelli (eds.), *De Bagdad à Constantinoble. Le transfert des savoirs médicaux (XIe-XIVe siècles)*, Leuven – Paris – Bristo, CT: Peeters, 2023, pp. 277–300.
18. *Medicine in Early Graeco-Egyptian Alchemical Texts (1<sup>st</sup>-3<sup>rd</sup> Century AD)*, 'Technai. An International Journal for Ancient Science and Technology' 14 (2023): pp. 9–27
19. *Metals ad Living Bodies. Founts of Mercury, Amalgams and Chrysocollo*, 'Ambix' 70 (2023): pp. 7–30 (with V. Carlotta)
20. *Multiple Translation Activities*, in S. Brentjes (ed.), *Routledge Handbook on the Sciences in Islamicate Societies. Practices from the 2<sup>nd</sup>/8<sup>th</sup> to the 13<sup>th</sup>/19<sup>th</sup> Centuries*, London: Routledge, 2023, pp. 25-39 (with A. Zeini, P. Buzi, A. Bausi, P. Adamson)
21. *Exploring the Ancient Chemistry of Mercury*, 'PNAS' 119 (2022): pp. 1–8 (with M. Marchini, L. Maini, M. Gandolfi, L. Raggetti)
22. *Transmuting Tinctures: Water of Sulphur, Quicklime and 'Washes' in Graeco-Egyptian Alchemy*, 'Technai. An International Journal for Ancient Science and Technology' 13 (2022): pp. 115–142
23. *A Plurality of Voices. Fragmented Narratives on Syriac Translations*, in S. Brentjes (ed.), *Narratives on Translation across Eurasia and Africa. From Babylonia to Colonial India*, Turnhout: Brepols, 2022, pp. 67–82.
24. Eight chapter-sections in M. Beretta (ed.), *A Cultural History of Chemistry in Antiquity*, London – New York – Oxford: Bloomsbury Academic, 2022:
  - Chap. 1, *Theory and Concepts: The Mythological Foundation of Chemical Theories in Ancient Civilizations* (section Greco-Roman World), pp. 42-49
  - Chap. 2 *Practice and Experiment: The Conquest of Matter* (Greco-Roman World), pp. 75-83

- Chap. 3 *Laboratories and Technology: From Temples to Workshops: Sites of Chemistry in Ancient Civilizations* (Greco-Roman World), pp. 104-112
- Chap. 4 *Culture and Science: Gods, Myths, and Religions* (Greco-Roman World), pp. 129-136
- Chap. 5 *Society and Environment: The Alteration of the Ancient Landscape* (Greco-Roman World), pp. 152-159
- Chap. 6 *Trade and Industry: The Circulation of Trade in the Mediterranean* (Greco-Roman Antiquity), pp. 177-185
- Chap. 7 *Learning and Institutions: The Invention of Chemical Recipes* (Greco-Roman Antiquity), pp. 203-210
- Chap. 8 *Art and Representation: The Iconographic Imprinting of Ancient Chemical Arts* (Greco-Roman Antiquity), pp. 226-234
25. *Maria's Practica in Early Modern Alchemy*, in F. Antonelli, A. Romano, P. Savoia (eds.), *Gendered Touch. Women, Men and Knowledge-Making in Early Modern Europe*, Leiden: Brill, 2022, pp. 40–65
  26. *Ippocrate nella tradizione alchemica siriana e araba*, in D. Manetti, L. Perilli, A. Roseceli (eds.), *Ippocrate e gli altri. XVI Colloquio internazionale ippocratico, Roma, 25-27 ottobre 2018*, Roma: École Française de Rome, 2022, pp. 419–436.
  27. *Alchemical Lexica in Syriac: Planetary Signs, Code Names and Medicines*, 'Asiatische Studien – Études asiatiques' 75 (2021): pp. 485-512
  28. *Alchemical Inks in the Syriac Tradition*, in L. Raggetti (ed.), *Traces of Ink. Experiences of Philology and Replication*, Leiden: Brill, 2021, pp. 79-104
  29. *A Syriac Epitome of Galen's On Simple Drugs, Books 9-11: Text and Translation*, 'Galenos' 14 (2020): pp. 131-158
  30. *Ancient Handbooks and Graeco-Egyptian Collections of Alchemical Recipes*, 'BJHS Themes' 5 (2020): pp. 38-55
  31. (with C. Petit, L. Raggetti) *New Perspectives on Galen's Treatise On Simple Drugs and the History of Pharmacology*, 'Archives Internationales d'Histoire des Sciences' 70 (2020): pp. 6-15
  32. *Galen in the Late Antique, Byzantine, and Syro-Arabic Alchemical Traditions*, in P. Bouras-Vallianatos, B. Zipser (ed.), *Brill's Companion to the Reception of Galen*, Leiden – Boston: Brill, 2019, pp. 577-593
  33. *Graeco-Egyptian and Post-Byzantine Alchemy: Introductory Remarks*, in E. Nicolaidis (ed.), *Greek Alchemy from Late Antiquity to Early Modernity*, Turnhout: Brepols, 2018, 99-118, pp. 11-43 (con V. Koutalis, G. Merianos)
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