

## [BJHS TOC Globalization and the History of Science: Ottoman and Middle Eastern Experiences](#)

Discussion published by Victoria Meyer on Thursday, November 24, 2022

[Cambridge First View](#) The December 2022 special issue of the British Journal for the History of Science addresses a reconsideration of the methods and nature of the circulation of scientific knowledge from the eighteenth to twentieth centuries. The articles are available open access now through the Cambridge Core.

### **Issue Abstract:**

For several decades historians of science have interrogated the relationship between empire and science, largely focusing on European imperial powers. At the same time, scholars have sought alternatives to an early diffusionist model of the spread of modern science, seeking to capture the multi-directional and dialogic development of science and its institutions in most parts of the globe. The papers in this special issue illuminate these questions with added attention to particular claims about the exceptionalism – or not – of Islamic societies' approach to science, modernity and politics. Each contribution centres individuals and groups who engaged with science theoretically or practically, taking seriously their analytical categories and how they understood and grappled with the social, economic and intellectual transformations happening around them. Collectively, these studies make the case for Middle Eastern and Ottoman history as useful sites for furthering our field's understanding of processes of the globalization of science and how authority, politics and science have been and continue to be interconnected.

### **Table of Contents**

Jane Murphy & Sahar Bazzaz, "Re-examining globalization and the history of science: Ottoman and Middle Eastern experiences." *The British Journal for the History of Science*, 1-12. doi:10.1017/S0007087422000334

Elise K. Burton, "Comparative globalizations: Building and dismantling genetic laboratories in Lebanon."

Nicole Khayat & Liat Kozma, "Medicine and Arabic literary production in the Ottoman Empire during the nineteenth century."

Victoria N. Meyer, "Innovations from the Levant: Smallpox inoculation and perceptions of scientific medicine."

Daniel A. Stolz, "'Impossible to provide an accurate estimate': The interested calculation of the Ottoman public debt, 1875-1881."

Kenan Tekin, "Islamic philosophy and the globalization of science: Ahmed Cevdet's translation of the sixth chapter of Ibn Khaldun's *Muqaddimah*."

M. Alper Yalçinkaya, "Globalizing 'science and religion': Examples from the late Ottoman Empire."

Articles are currently accessible on [Cambridge First View](#).