Contents

Foreword ................................................................. v
Ferdi Schüth

Introduction ....................................................... 1
Jürgen Renn

Part I  Research on and Deployment of Chemical Weapons in World War I

The Scientist as Expert: Fritz Haber and German Chemical Warfare During the First World War and Beyond ...................... 11
Margit Szöllösi-Janze

From Berlin-Dahlem to the Fronts of World War I: The Role of Fritz Haber and His Kaiser Wilhelm Institute in German Chemical Warfare ................................................. 25
Bretislav Friedrich and Jeremiah James

Clara Immerwahr: A Life in the Shadow of Fritz Haber ............ 45
Bretislav Friedrich and Dieter Hoffmann

France’s Political and Military Reaction in the Aftermath of the First German Chemical Offensive in April 1915: The Road to Retaliation in Kind ......................................................... 69
Olivier Lepick

Preparing for Poison Warfare: The Ethics and Politics of Britain’s Chemical Weapons Program, 1915–1945 77
Ulf Schmidt

Challenging the Laws of War by Technology, Blazing Nationalism and Militarism: Debating Chemical Warfare Before and After Ypres, 1899–1925 .......................... 105
Miloš Vec
Military-Industrial Interactions in the Development of Chemical Warfare, 1914–1918: Comparing National Cases Within the Technological System of the Great War .............................. 135
Jeffrey Allan Johnson

Part II Contexts and Consequences of Chemical Weapons

The Gas War, 1915–1918: If not a War Winner, Hardly a Failure .... 153
Edward M. Spiers

“Gas, Gas, Gaas!” The Poison Gas War in the Literature and Visual Arts of Interwar Europe .................................................. 169
Doris Kaufmann

Roy MacLeod

The Soldier’s Body in Gas Warfare: Trauma, Illness, Renknot, 1915–1933 ................................................................. 213
Wolfgang U. Eckart

Chemical Weapons Research on Soldiers and Concentration Camp Inmates in Nazi Germany ................................................. 229
Florian Schmaltz

No Retaliation in Kind: Japanese Chemical Warfare Policy in World War II ................................................................. 259
Walter E. Grunden

The 1925 Geneva Protocol: China’s CBW Charges Against Japan at the Tokyo War Crimes Tribunal .............................. 273
Jeanne Guillemin

Part III Dual Use, Storage and Disposal of Chemical Weapons Today

The Reconstruction of Production and Storage Sites for Chemical Warfare Agents and Weapons from Both World Wars in the Context of Assessing Former Munitions Sites .............................. 289
Johannes Preuss

From Charles and Francis Darwin to Richard Nixon: The Origin and Termination of Anti-plant Chemical Warfare in Vietnam ............ 335
Matthew Meselson

The Indelible Smell of Apples: Poison Gas Survivors in Halabja, Kurdistan-Iraq, and Their Struggle for Recognition .......................... 349
Karin Mlodoch
The Use of Chemical Weapons in Syria: Implications and Consequences ............................................. 363
Ralf Trapp

Part IV Commemoration Ceremony

A Century of Chemical Warfare: Building a World Free of Chemical Weapons ................................................. 379
Paul F. Walker

Statement by HE Ghislain D’hoop, Ambassador of the Kingdom of Belgium ............................................ 401
Ghislain D’hoop

Fritz Haber and His Institute ................................................. 405
Gerhard Ertl
One Hundred Years of Chemical Warfare: Research, Deployment, Consequences
Friedrich, B.; Hoffmann, D.; Renn, J.; Schmaltz, F.; Wolf, M. (Eds.)
2017, XI, 408 p. 43 illus., 11 illus. in color., Hardcover
ISBN: 978-3-319-51663-9