

**CAMBRIDGE**  
 UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre,  
 New Delhi – 110025, India

79 Anson Road, #06–04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

[www.cambridge.org](http://www.cambridge.org)

Information on this title: [www.cambridge.org/9781108831727](http://www.cambridge.org/9781108831727)

DOI: 10.1017/9781316671863

Mirna Lechpammer, Marc Del Bigio, Rebecca Folkerth © 2021

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2021

Printed in Singapore by Markono Print Media Pte Ltd

*A catalogue record for this publication is available from the British Library.*

*Library of Congress Cataloging-in-Publication Data*

Names: Lechpammer, Mirna, author. | Del Bigio, Marc, author. | Folkerth, Rebecca, author.

Title: Perinatal neuropathology / Mirna Lechpammer, M.D., Ph.D., Foundation Medicine Inc., Cambridge, MA, New York University School of Medicine, New York City, Marc Del Bigio, M.D., Ph.D., University of Manitoba, Winnipeg, Rebecca Folkerth, M.D., New York University School of Medicine, New York City ; chapter contributors, Sanda Alexandrescu, M.D., Boston Children's Hospital, Harvard Medical School, Boston, Steven A. Moore, M.D., Ph.D., University of Iowa, Iowa City. Original cover art: Eric P. Lechpammer, Boston.

Description: New York, NY : Cambridge University Press, 2021. | Includes bibliographical references and index.

Identifiers: LCCN 2020047394 (print) | LCCN 2020047395 (ebook) |

ISBN 9781108831727 (hardback) | ISBN 9781316671863 (ebook)

Subjects: LCSH: Nervous system – Diseases. | Perinatology.

Classification: LCC RC346 .L428 2021 (print) | LCC RC346 (ebook) | DDC 616.8–dc23

LC record available at <https://lcn.loc.gov/2020047394>

LC ebook record available at <https://lcn.loc.gov/2020047395>

ISBN 978-1-108-83172-7 Hardback

ISBN 978-1-316-67186-3 Cambridge Core

ISBN 978-1-107-15979-2 Print-Online Bundle

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

.....

Every effort has been made in preparing this book to provide accurate and up-to-date information that is in accord with accepted standards and practice at the time of publication. Although case histories are drawn from actual cases, every effort has been made to disguise the identities of the individuals involved. Nevertheless, the authors, editors, and publishers can make no warranties that the information contained herein is totally free from error, not least because clinical standards are constantly changing through research and regulation. The authors, editors, and publishers therefore disclaim all liability for direct or consequential damages resulting from the use of material contained in this book. Readers are strongly advised to pay careful attention to information provided by the manufacturer of any drugs or equipment that they plan to use.