

TABLE OF CONTENTS – MRI Atlas of the Infant Rat Brain : Brain Segmentation

- Title page
- Table of Contents
- Copyright
- Dedication
- Preface: First edition
- Acknowledgments
- Introduction

- **Chapter 1.** Age of the infant rat

- **Chapter 2.** Animal–human age translation

- **Chapter 3.** Magnetic resonance imaging scanning protocol
- **3.1.** Anesthesia management
- **3.2.** Structural MRI acquisition
- **3.3.** Structural MRI data preprocessing

- **Chapter 4.** Infant rat brain manual segmentation
- **4.1.** The basis of manual delineation of segmented structures
- **4.2.** Manual segmentation
- **4.3.** Structures segmented

- **Chapter 5.** Anatomical labeling
- **5.1.** Reference to the adult rat brain atlas

- **Chapter 6.** Photomicrographs
- References

- **Chapter 7.** 3D Representation of segmented infant brain structures

- **PART I Figures 1-8**

- **Chapter 8.** Coronal sections of the infant rat brain with segmentation outlines

- **PART II - PANELS 1-31**

- **Glossary.**