Embryology at a Glance

Second Edition

Samuel Webster
Rhiannon de Wreede

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Embryology at a Glance

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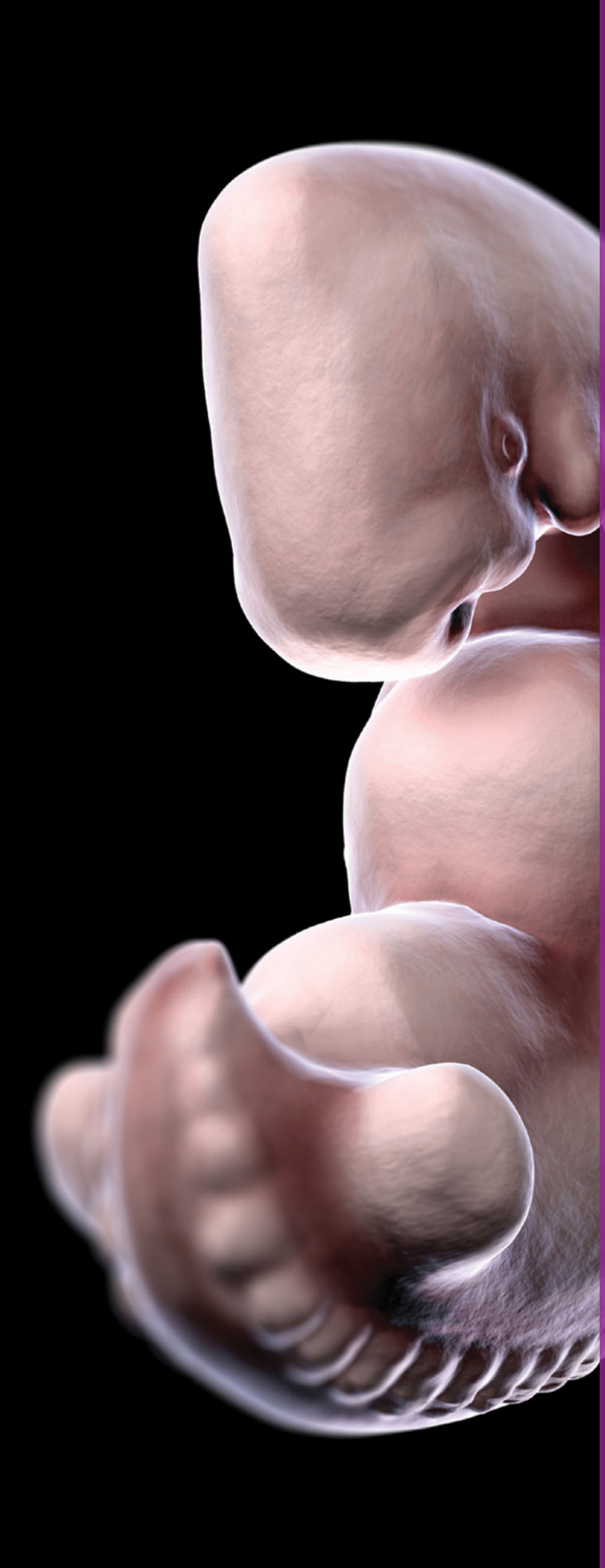

Embryology at a Glance

Second Edition

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Preface

We wrote this book for our students; those studying medicine with us, those listening to the podcasts wherever they may be, and those studying the other forms that biology takes on their paths to whatever goals they may have in life. We have introduced many students to the fascinating and often surprising processes of embryological development, and we hope to do the same in this book. It is written for anyone wondering, "where did I come from?"

The content of this book extends beyond the curricula of most medicine, health and bioscience teaching programmes in terms of breadth, but we have limited its depth. Many embryology textbooks cover development in detail, but students struggle to get started, and to get to grips with early concepts. Hopefully we have addressed these difficulties with this book.

We hope that you will use this book to begin your studies of embryology and development, but also that you will return to it when preparing for assessments or checking your understanding. You will find example assessment questions at the end of the book as well as a Glossary.

Let this be the start of your integration of embryonic development with anatomy, to the ends of improved understanding and better patient care or scientific insight.

Samuel Webster
Rhiannon de Wreede

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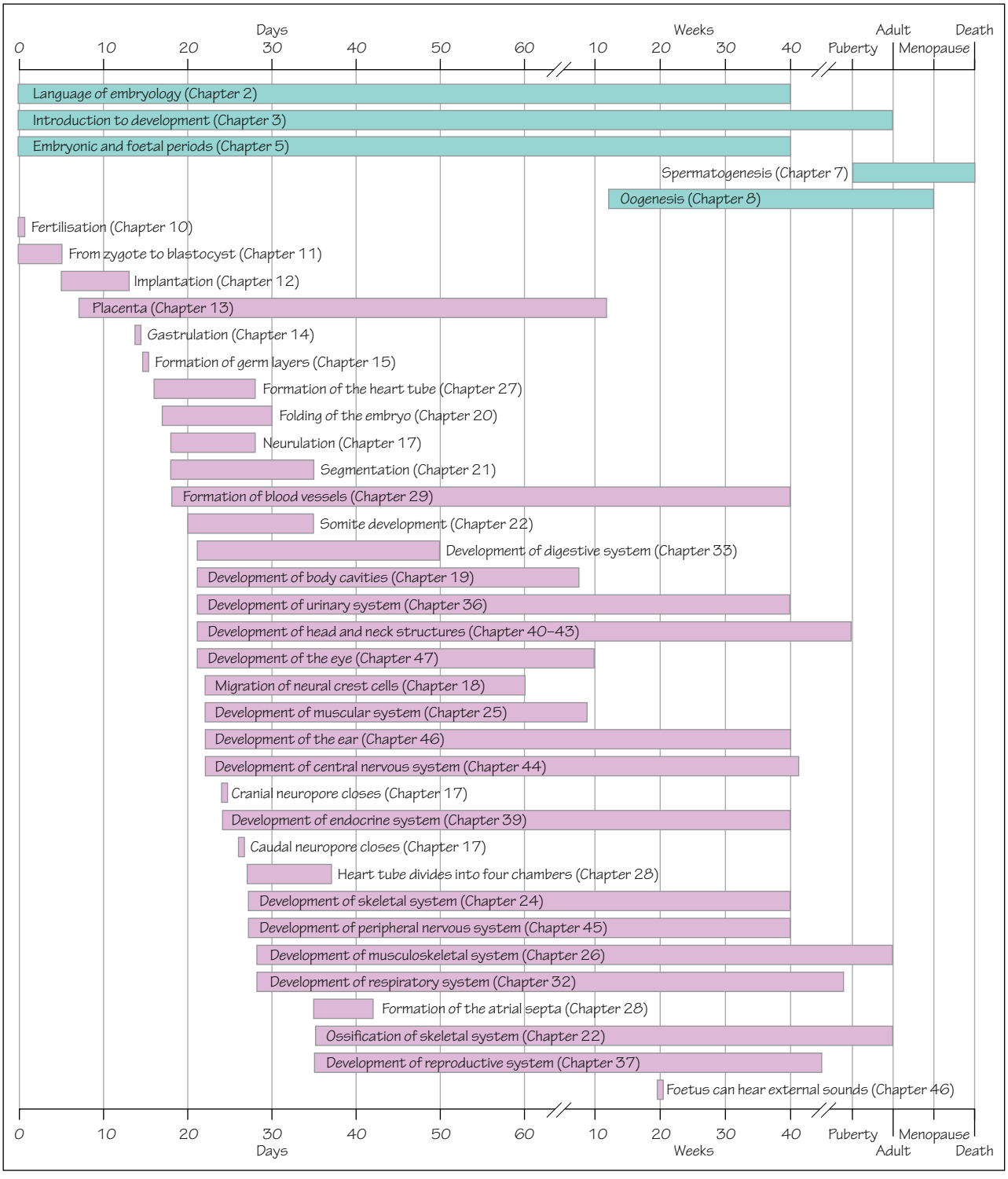
List of abbreviations

AER	Apical ectodermal ridge
CAM	Cell adhesion molecule
CN	Cranial nerve
CSF	Cerebrospinal fluid
ECMO	Extracorporeal membrane oxygenation
FGF	Fibroblast growth factor
FSH	Follicle stimulating hormone
GnRH	Gonadotrophin releasing hormone
HbF	Foetal haemoglobin
hCG	Human chorionic gonadotrophin
hCS	Human chorionic somatomammotrophin
IUD	Intrauterine device – contraceptive device
IUGR	Intrauterine growth restriction
IVC	Inferior vena cava
IVD	Intervertebral disc
IVF	*In vitro* fertilisation
LH	Luteinising hormone
LMP	Last menstrual period
PDA	Patent ductus arteriosus
PFO	Patent foramen ovale
PTH	Parathyroid hormone
PZ	Proliferating zone
Rh	Rhesus
SVC	Superior vena cava
TGF	Transforming growth factor
ZPA	Zone of polarising activity

Timeline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About the companion website

Don't forget to visit the companion website for this book:

www.ataglanceseries.com/embryology

There you will find valuable material designed to enhance your learning, including:

- Podcasts and animations hosted on Dr Webster's website
- An additional instructor resource comprising an image bank of all the figures from the book.

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