Development, Function and Evolution of Teeth

Over the past 20 years there has been an explosion of information generated by scientific research. One of the beneficiaries of this has been the study of morphology, where new techniques and analyses have led to insights into a wide range of topics. Advances in genetics, histology, microstructure, biomechanics and morphometrics have allowed researchers to view teeth from new perspectives. However, up to now there has been little communication between researchers in the different fields of dental research. This book brings together for the first time overviews of a wide range of dental topics, linking genes, molecules and developmental mechanisms within an evolutionary framework. Written by leading experts in the field, this book will stimulate co-operative research in fields as diverse as palaeontology, molecular biology, developmental biology and functional morphology.

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Contents

List of contributors vii
Acknowledgements ix

Part one Genes, molecules and tooth initiation 1

1 Homeobox genes in initiation and shape of teeth during development in mammalian embryos
   P. T. Sharpe 3

2 Return of lost structure in the developmental control of tooth shape
   J. Jernvall and I. Thesleff 13

3 Molecules implicated in odontoblast terminal differentiation and dentinogenesis
   J. V. Ruch and H. Lesot 22

4 Enamel biomineralization: the assembly and disassembly of the protein extracellular organic matrix

Part two Tooth tissues: development and evolution 63

5 Evolutionary origins of dentine in the fossil record of early vertebrates: diversity, development and
   function  M. M. Smith and I. J. Sansom 65

6 Pulpo-dentinal interactions in development and repair of dentine
   A. J. Smith 82

7 Prismless enamel in amniotes: terminology, function, and evolution
   P. M. Sander 92

8 Two different strategies in enamel differentiation: Marsupialia versus Eutheria
   W. von Koenigswald 107

9 Incremental markings in enamel and dentine: what they can tell us about the way teeth grow
   M. C. Dean 119
vi Contents

Part three Evolution of tooth shape and dentition 131

10 Evolutionary origins of teeth and jaws: developmental models and phylogenetic patterns M. M. Smith and M. I. Coates 133

11 Development and evolution of dentition patterns and their genetic basis Z. Zhao, K. M. Weiss and D. W. Stock 152

12 Evolution of tooth attachment in lower vertebrates to tetrapods P. Gaengler 173

13 Tooth replacement patterns in non-mammalian vertebrates B. K. Berkovitz 186

14 The evolution of tooth shape and tooth function in primates P. M. Butler 201

15 ‘Schultz’s Rule’ and the evolution of tooth emergence and replacement patterns in primates and ungulates B. H. Smith 212

Part four Macrostructure and function 229

16 Developmental plasticity in the dentition of a heterodont polphyodont fish species A. Huysseune 231

17 Enamel microporosity and its functional implications R. P. Shellis and G. H. Dibdin 242

18 Pathways to functional differentiation in mammalian enamel J. M. Rensberger 252

19 Trends in the evolution of molar crown types in ungulate mammals: evidence from the northern hemisphere J. Jernvall, J. P. Hunter and M. Fortelius 269

20 Function of postcanine tooth crown shape in mammals P. W. Lucas and C. R. Peters 282

21 Primate dental functional morphology revisited M. F. Teaford 290

Index 305
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