

Content

Preface (English edition)– Prof. Dr. Christian Rittner	9
Foreword – Prof. Dr. Klaus Püschel	11
Preface by the editors	13
1 History	17
2 Professors (Directors/Leaders)	19
3 Centralization of autopsies in Mainz	29
4 Forensic Trauma Mechanics <i>Prof. Dr. R. Mattern</i>	31
5 Forensic age determination <i>Prof. Dr. Th. Riepert</i>	33
6 Forensic Osteology	35
7 Cooperation with the Identification Commission of the BKA (IDKO)	37
8 Member of the Collaborative Research Center for Immunopathogenesis	39
9 Introduction of the genetic fingerprint – age of DNA Technology <i>Prof. Dr. P. M. Schneider</i>	41

10 EDNAP – The European DNA Profiling Group <i>Prof. Dr. P. M. Schneider</i>	45
11 Exploring the functional significance of the polymorphism of the 4th component of the complement system <i>Prof. Dr. P. M. Schneider</i>	47
12 Conferences, Congresses, Workshops 1986–2007	49
13 Forensic Toxicology: The Years 1946–1996 <i>Dr. Jürgen Becker</i>	53
14 Forensic Toxicology: Development since 1997 <i>PD Dr. Jörg Röhrich</i>	57
15 Testing laboratory for Blood Alcohol <i>Dr. Thomas Kaufmann</i>	63
16 Clinical Forensic Medicine <i>Prof. Dr. Ch. Rittner</i>	65
17 Participation in ethics committees	67
18 Accreditation of the Institute of Forensic Medicine at the German Accreditation Body Chemistry (DACH) <i>Dr. Jürgen Becker</i>	69
19 Prof. Urban: Institute Director and Dean	73
20 Virtual forensic medicine in Corona times	75
21 Imaging techniques – from X-ray to CT: the forensic virtopsy	77

22 My time at the Mainz Institute – a review	
<i>Prof. Dr. R. Mattern</i>	79
Appendix	81
Casuistry on Birgit Dressel – <i>Prof. Dr. R. Mattern</i> . . .	81
Disaster at the 1988 air show in Ramstein	
<i>Prof. Dr. Ch. Rittner</i>	83
Vertebral artery thrombosis after Bagatelle accident	
<i>Prof. Dr. R. Mattern</i>	84
Forensic DNA analysis by means of MZ1.3 in the case of a homicide – <i>Prof. Dr. P. M. Schneider</i>	85
Functional significance of HERV-K(C4) Insertion	
<i>Prof. Dr. P. M. Schneider</i>	87
List of Figures	91
List of Authors	92
General References	101