

## Contents

<b>Editors-in-Chief</b>	XI
<b>Editors</b>	XIII
<b>Preface</b>	XV
<b>Acknowledgements</b>	XVI
<b>Organisations Associated with the TNM System</b>	XVII
<b>Members of UICC Committees Associated with the TNM System</b>	XVIII
<b>Introduction</b>	1
<b>Head and Neck Tumours</b>	17
Oral Cavity and Mucosal Lip	18
Pharynx	23
Larynx	34
Nasal Cavity and Paranasal Sinuses	39
Unknown Primary – Cervical Nodes	43
Malignant Melanoma of Upper Aerodigestive Tract	48
Salivary Glands	50
Thyroid Gland	53
Parathyroid Gland	57
<b>Digestive System Tumours</b>	59
Oesophagus	60
Stomach	66
Small Intestine	70
Appendix	72
Colon and Rectum	75
Anal Canal and Perianal Skin	79
Liver	82
Intrahepatic Bile Ducts	85
Gallbladder	87
Perihilar Bile Ducts	89
Distal Extrahepatic Bile Duct	91
Ampulla of Vater	93
Pancreas	95
Well-Differentiated Neuroendocrine Tumours of the Gastrointestinal Tract	98

**Lung, Pleural and Thymic Tumours** 107

Lung 109

Pleural Mesothelioma 114

Thymus Tumours 118

**Tumours of Bone and Soft Tissues** 121

Bone 122

Soft Tissues 126

Gastrointestinal Stromal Tumour (GIST) 129

**Skin Tumours** 133

Carcinoma of Skin (excluding eyelid, head and neck, perianal, vulva and penis) 135

Carcinoma of Skin of the Head and Neck Region 138

Carcinoma of Skin of the Eyelid 141

Melanoma of Skin 144

Merkel Cell Carcinoma of Skin 149

**Breast Tumours** 151**Gynaecological Tumours** 159

Vulva 160

Vagina 163

Cervix Uteri 165

Uterus – Endometrium 169

Uterine Sarcomas 172

Ovarian, Fallopian Tube and Primary Peritoneal Carcinoma 175

Gestational Trophoblastic Neoplasms 180

**Urological Tumours** 183

Penis 184

Prostate 187

Testis 190

Kidney 194

Renal Pelvis and Ureter 196

Urinary Bladder 198

Urethra 201

**Adrenal Cortex** 203**Adrenal Medulla and Extra-Adrenal Paraganglia Tumours** 205

**Ophthalmic Tumours** 207

Carcinoma of Conjunctiva 208

Melanoma of Conjunctiva 210

Melanoma of Uvea 213

Retinoblastoma 217

Sarcoma of Orbit 221

Carcinoma of Lacrimal Gland 223

**Brain and Spinal Cord** 225**Hodgkin Lymphoma** 227**Non-Hodgkin Lymphomas** 231**Essential TNM** 237**Paediatric Tumours** 241

Gastrointestinal Tumours 241

Bone and Soft Tissue Tumours 242

Gynaecological Tumours 244

Urological Tumours 245

Ophthalmic Tumours 247

Lymphoma 247

Leukaemia 248

Central Nervous System 249

**Brian O'Sullivan, MB, BCh, FRCPC, FRCPL, FFRCSI (Hon)**

Professor, Department of Radiation Oncology, Princess Margaret Cancer Centre, University of Toronto; Member of the faculty at Centre Hospitalier de l'Université de Montréal (CHUM), Université de Montréal, Canada

Dr O'Sullivan is a graduate of the National University of Ireland at University College Dublin and trained in medical oncology in Dublin and Toronto, and in radiation oncology in Toronto which has been his medical specialty throughout his career. He has been almost continuously involved with the UICC TNM Prognostic Factors Project since the fifth edition of TNM in 1997. He served as a member of the core Committee during most of this time and chaired the Prognostic Factors Subcommittee of the Project. He was also co-author of the UICC Prognostic Factors in Cancer, second edition (Wiley 2001) and third edition (Wiley 2006), and was co-editor of the UICC Manual of Clinical Oncology, seventh edition (Wiley 1999) and eighth edition (Wiley 2004). He served as the Editor-in-Chief for the ninth edition of the Manual of Clinical Oncology (Wiley 2015).