Contents

VII Preface
Soyer, H P; Prow, T.W. (Brisbane, Qld.); Jemec, G.B.E. (Roskilde)

1 Epidemiology of Actinic Keratoses
Green, A C (Brisbane, Qld./Manchester)

8 Patients’ Perspectives on Actinic Keratosis
Esmann, S (Roskilde)

14 Photodamage: All Signs Lead to Actinic Keratosis and Early Squamous Cell Carcinoma
Wei, J, Kok, L F; Byrne, S N; Halliday, G M (Sydney, N.S.W.)

20 Dysregulation of Epidermal Growth Factor Receptor in Actinic Keratosis and Squamous Cell Carcinoma
Joseph, S.R., Endo-Munoz, L; Gaffney, D.C.; Saunders, N A., Simpson, F. (Brisbane, Qld.)

28 The Actinic Keratosis Virome: Can We Prevent Squamous Cell Carcinoma with a Vaccine?
Frazer, I.H (Brisbane, Qld.)

36 Do Actinic Keratoses and Superficial Squamous Cell Carcinomas Have a Specific Immunoprofile?
Wells, J W (Brisbane, Qld.)

42 Mouse Models for Actinic Keratosis and Squamous Cell Carcinoma
Handoko, H Y; Ferguson, B., Walker, G.J. (Brisbane, Qld.)

49 Keratinocyte Cancer and Its Precursors in Organ Transplant Patients
Jenni, D, Hofbauer, G.F.L. (Zurich)

58 Clinical Features of Actinic Keratoses and Early Squamous Cell Carcinoma
Wheller, L.; Soyer, H.P. (Brisbane, Qld.)

64 The Many Clinico-Pathologic Faces of Actinic Keratosis: An Atlas
Massone, C.; Cerroni, L. (Graz)

70 Dermoscopy of Actinic Keratosis, Intraepidermal Carcinoma and Squamous Cell Carcinoma
Zalaudek, I (Graz); Argenziano, G. (Reggio Emilia)

77 The Future of Keratinocyte Skin Cancer Surveillance: Automated Image Analysis to Identify and Monitor Keratinocyte Dysplasia
Hames, S.C; Prow, T.W (Brisbane, Qld.)

85 Reflectance Confocal Microscopy: Hallmarks of Keratinocyte Cancer and Its Precursors
Prow, T.W; Tan, J -M. (Brisbane, Qld.), Pellacani, G (Modena)
95 Optical Coherence Tomography and Its Role for Delineating the Thickness of Keratinocyte Dysplasia and Neoplasia
   Themstrup, L., Jemec, G B E (Roskilde)

101 Teledermatology: Its Use in the Detection and Management of Actinic Keratosis
   Janda, M. (Brisbane, Qld.)

108 Conventional Treatment of Actinic Keratosis: An Overview
   Peris, K ; Fargnoli, M C (Rome)

115 Field Cancerization: From Molecular Basis to Selective Field-Directed Management of Actinic Keratosis
   Philipp-Dormston, W.G (Cologne)

122 Update on Photodynamic Treatment for Actinic Keratosis
   Wiegell, S R. (Roskilde)

129 Laser Treatment and Its Implications for Photodamaged Skin and Actinic Keratosis
   de Vries, K.; Prens, E.P (Rotterdam)

136 Ingenol Mebutate: From Common Weed to Cancer Cure
   Zarchi, K., Jemec, G.B E (Roskilde)

143 Oral Nicotinamide and Actinic Keratosis: A Supplement Success Story
   Kim, B ; Halliday, G.M.; Damian, D.L. (Sydney, N S.W)

150 Author Index

151 Subject Index