

Contents

1 Basic Rules of T Cell Migration.....	1
Jens V. Stein, Federica Moalli, and Markus Ackerknecht	
2 Regulation of Anti-tumor T Cell Migration and Function: Contribution of Real-Time Imaging.....	21
Pierre-Louis Loyher, Christophe Combadière, and Alexandre Boissonnas	
3 Vascular Normalization, T Cell Trafficking and Anti-tumor Immunity	51
Kellsye L. Fabian and Walter J. Storkus	
4 Disruption of Anti-tumor T Cell Responses by Cancer-Associated Fibroblasts	77
Arnaud Pommier and Douglas T. Fearon	
5 Cancer-Associated Tertiary Lymphoid Structures, from Basic Knowledge Toward Therapeutic Target in Clinic	99
Bertrand Dubois, Hélène Kaplon, Coline Couillault, Christophe Caux, and Marie-Caroline Dieu-Nosjean	
6 Homing Improvement: Boosting T Cell Trafficking for Cancer Immunotherapy	127
Joseph M. Cantor	
7 Chemokines and T Cell Trafficking into Tumors: Strategies to Enhance Recruitment of T Cells into Tumors.....	163
Stefano Garetto, Claudia Sardi, Diego Morone, and Marinos Kallikourdis	

**8 Strategies to Enhance Migration and Persistence
of Chimeric Antigen Receptor (CAR)-T Cells into Tumors 179**
Yuhui Chen, Gianpietro Dotti, and Barbara Savoldo

Index..... 195

Defects in T Cell Trafficking and Resistance to Cancer
Immunotherapy

Donnadieu, E. (Ed.)

2016, VIII, 199 p. 27 illus., 19 illus. in color., Hardcover

ISBN: 978-3-319-42221-3