

1. Record Nr.	UNINA9910703392203321
Titolo	Aviation safety [[electronic resource]] : the role and responsibility of commercial air carriers and employees : hearing before the Subcommittee on Aviation Operations, Safety, and Security of the Committee on Commerce, Science, and Transportation, United States Senate, One Hundred Eleventh Congress, first session, June 17, 2009
Pubbl/distr/stampa	Washington : , : U.S. G.P.O., , 2011
Descrizione fisica	1 online resource (iii, 76 pages) : illustrations
Collana	S. hrg. ; ; 111-448
Soggetti	Aeronautics - United States - Safety measures Airlines - United States - Safety measures Local service airlines - United States - Safety measures Air pilots - Training of - United States Flight crews - Training of - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Feb. 17, 2012).

2. Record Nr.	UNINA9910437837503321
Titolo	Experimental Metastasis: Modeling and Analysis // edited by Anastasia Malek
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2013
ISBN	94-007-7835-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (212 p.)
Disciplina	571.638 616.99407
Soggetti	Cancer - Research Diagnosis, Laboratory Animal models in research Cell culture Cancer Research Laboratory Medicine Animal Models Cell Culture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Introduction -- Head and neck cancer -- Breast cancer invasion and metastasis -- Mouse models of pancreatic cancer -- Brain Metastasis -- Lung metastasis -- Liver Metastases -- Malignant pleural effusion -- Mathematic modeling of metastatic process. Index.
Sommario/riassunto	Metastatic dissemination remains a main cause for cancer related deaths. Investigation of the molecular mechanisms of the metastatic process presents an important area of cancer research and may provide clinical oncologists with new methods to prevent and manage cancer dissemination. Availability of adequate experimental models is an essential requirement of the productive investigation. Over the many years of cancer research, plenty of model systems (in vitro and in vivo) were created to reproduce certain steps or to estimate certain aspects of metastatic process. Currently right selection and correct application of the experimental models as well as analytic technique may present a

challenge. This book provide with guideline information about experimental modelling and analysis of the metastatic process. The structure of the book reflects clinical aspects: pathway and area of the metastatic dissemination. Thus, first part of book is devoted to local, mainly via lymph system, spread of head and neck, breast and pancreatic cancers. Second part is about distant, via blood stream, dissemination into brain and lung (most often sites of metastatic lesion regardless the primary tumour issue). Third part includes chapter describing methods of modelling and study specific metastatic pathways: via portal vein system and through serous cavities. Any chapter is introduced by short review of clinical/biological aspects of the specific metastatic process, provides with description of relevant laboratory techniques, supplemented with representative illustrations and extended references list. Theoretic aspects of cancer dissemination and mathematic approaches to model metastatic spread of tumour are reviewed in the last chapter. Chapters of the book are written by leading specialists in certain areas of metastatic cancer research, therefore the book presents a comprehensive guide for researchers and may be helpful for clinical oncologists.
