

1. Record Nr.	UNINA9910456510903321
Titolo	Generating evidence for genomic diagnostic test development [[electronic resource]] : workshop Summary // Theresa Wizemann and Adam C. Berger, rapporteurs ; Roundtable on translating Genomic-Based Research for Health, Board on Health Sciences Policy, Institute of Medicine of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2011
ISBN	1-283-21343-5 9786613213433 0-309-21105-0
Descrizione fisica	1 online resource (100 p.)
Altri autori (Persone)	WizemannTheresa M BergerAdam C
Disciplina	616.0420027
Soggetti	Genomics Diagnosis Gene mapping Electronic books.
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.
Nota di contenuto	""Front Matter""; ""Reviewers""; ""Acknowledgments""; ""Contents""; ""Tables, Figures, and Boxes""; ""Abbreviations and Acronyms""; ""1 Introduction""; ""2 Stakeholder Perspectives on Evidence""; ""3 Approaches to Evidence Generation""; ""4 Overcoming Barriers for Evidence Generation""; ""5 Considerations Moving Forward""; ""6 Final Remarks""; ""References""; ""Appendix A: Workshop Agenda""; ""Appendix B: Speaker Biographical Sketches""; ""Appendix C: Registered Attendees""

2. Record Nr.	UNINA9910865237703321
Autore	Barbu Viorel
Titolo	Nonlinear Fokker-Planck Flows and their Probabilistic Counterparts // by Viorel Barbu, Michael Röckner
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031617348 9783031617331
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (219 pages)
Collana	Lecture Notes in Mathematics, , 1617-9692 ; ; 2353
Altri autori (Persone)	RöcknerMichael
Disciplina	530.15
Soggetti	Mathematical physics Differential equations Stochastic analysis Mathematical Physics Differential Equations Stochastic Analysis Física matemàtica Equacions diferencials no lineals Anàlisi estocàstica Equació de Fokker-Planck Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	- Introduction -- Existence of nonlinear Fokker–Planck flows -- Time dependent Fokker–Planck equations -- Convergence to equilibrium of nonlinear Fokker–Planck flows -- Markov processes associated with nonlinear Fokker–Planck equations -- Appendix.
Sommario/riassunto	This book delves into a rigorous mathematical exploration of the well-posedness and long-time behavior of weak solutions to nonlinear Fokker-Planck equations, along with their implications in the theory of probabilistically weak solutions to McKean-Vlasov stochastic differential equations and the corresponding nonlinear Markov processes. These are widely acknowledged as essential tools for describing the dynamics of complex systems in disordered media, as

well as mean-field models. The resulting stochastic processes elucidate the microscopic dynamics underlying the nonlinear Fokker-Planck equations, whereas the solutions of the latter describe the evolving macroscopic probability distributions. The intended audience for this book primarily comprises specialists in mathematical physics, probability theory and PDEs. It can also be utilized as a one-semester graduate course for mathematicians. Prerequisites for the readers include a solid foundation in functional analysis and probability theory.
