

1. Record Nr.	UNINA9910464080603321
Autore	Papan-Matin Firoozeh
Titolo	Beyond death [[electronic resource]] : the mystical teachings of Ayn al-Qudat al-Hamadhani // by Firoozeh Papan-Matin
Pubbl/distr/stampa	Leiden ; ; Boston, : Brill, 2010
ISBN	90-474-2759-9 1-283-06137-6 9786613061379 90-04-17413-3
Descrizione fisica	1 online resource (256 p.)
Collana	Islamic history and civilization, , 0929-2403 ; ; v. 75
Disciplina	297.4092
Soggetti	Death - Religious aspects - Islam Mysticism - Islam Islamic philosophy 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 and indexes.
Nota di contenuto	Preliminary Material / F. Papan-Matin -- Introduction / F. Papan-Matin -- Chapter One. 'Ayn Al-Qudät'S Life, Heritage, And Heresy / F. Papan-Matin -- Chapter Two. Longing For The Homeland / F. Papan-Matin -- Chapter Three. Death And Visions Of The Unseen / F. Papan-Matin -- Chapter Four. Appearance And Reality / F. Papan-Matin -- Chapter Five. Se Legacy Of 'Ayn Al-Quthit / F. Papan-Matin -- Chapter Six. Sama' / F. Papan-Matin -- Conclusion / F. Papan-Matin -- Appendix / F. Papan-Matin -- Bibliography / F. Papan-Matin -- Index Of Names / F. Papan-Matin -- Index Of Terms And Subjects / F. Papan-Matin -- Index Of Places / F. Papan-Matin.
Sommario/riassunto	The twelfth-century Iranian mystic 'Ayn al-Qut al-Hamadhn (d. 1131) wrote vividly of his explorations of death as a state of consciousness which he experienced while alive. This state and his visions of Doomsday and the innumerable non-corporeal worlds that lie past the world of matter confront him with paradoxical realities that upset the notional understanding of faith. The present book concerns itself with a discussion on the subject of death as it is viewed by one of

the defining mystic scholars of medieval Iran. Based on medieval manuscripts and primary sources in classical Persian and Arabic, this book explores the significance of this important Iranian mystic and his insights on the nature of reality in light of death.

2. Record Nr.	UNINA9910298630503321
Autore	Chuang Hong-Yang
Titolo	Synthesis and Vaccine Evaluation of the Tumor Associated Carbohydrate Antigen RM2 from Prostate Cancer // by Hong-Yang Chuang
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
ISBN	3-662-46848-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (116 p.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	547.78
Soggetti	Carbohydrates Vaccines Immunology Pharmaceutical chemistry Carbohydrate Chemistry Vaccine Medicinal Chemistry
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	Chemical Synthesis of Proposed RM2 and Derivatives -- RM2 Antigen: Structural Characterization and Determination of KD,surf for Multivalent Carbohydrate-Protein Interaction -- RM2 Antigen: Synthesis of Glycoconjugates -- Synthesis of the Heptasaccharide RM2 Prostate Tumor Antigen: Chemical Synthesis of Heptasaccharide and Tetrasaccharide (Inner Core of the RM2 Antigen).
Sommario/riassunto	This thesis focuses on the synthesis and vaccine evaluation of the prostate tumor- associated carbohydrate antigen RM2. The author first presents the use of the [1+2+3] one-pot sequential strategy to

successfully synthesise the RM2 antigen and its analogues as single stereoisomers in every glycosylation step, producing good yields and stereoselectivity. He then introduces the conjugation of the synthetic RM2 antigen to the carrier protein CRM197 in an average number of 1–10 to create the prostate cancer vaccine candidate, which is combined with -galactosylceramide C1, its analogue C34, or Alu. The results of the vaccination studies in mice are also described and indicate that the strongest anti-RM2 antigen titer is exhibited when one molecule of diphtheria toxin (DT) is conjugated with an average of 4.7 molecules of RM2 antigen (DT-RM4.7) and adjuvanted with the glycolipid C34. More importantly, the induced mouse antibodies mediate the effective complement-dependent cytotoxicity (CDC) against the prostate cancer cell line LNCap. The study presented in this thesis is the first ever to successfully synthesize this complex glycan molecule. Owing to the steric hindrance of the adjacent sialyl moiety, the introduction of two sialic acid units to the compact and rigid 3,4 dibranched galactoside unit is very challenging and the -selective and efficient glycosylation of the galactosamine moiety at the 4-position of dibranched galactose is also problematic.
