

1. Record Nr.	UNINA9910220044003321
Autore	Pedro Roda-Navarro
Titolo	Molecular Dynamics at the Immunological Synapse
Pubbl/distr/stampa	Frontiers Media SA, 2017
Descrizione fisica	1 online resource (120 p.)
Collana	Frontiers Research Topics
Soggetti	Medicine and Nursing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The immunological synapse (IS) is a specialised cell-cell adhesion that mediates antigen acquisition and regulates the activation of lymphocytes. Initial studies of the IS showed a structure composed of stable supra-molecular activation clusters (SMAC) organised during the interaction of helper T lymphocytes with B lymphocytes, working as antigen presenting cells. A central SMAC of coalesced T cell receptors (TCRs) and a peripheral SMAC for cell-cell adhesion were observed. IS with similar structure was later described during antigen acquisition by B cells and during the interaction of NK cells with target and healthy cells. More recent research developed with microscopy systems that improve the spatial and temporal resolution has showed the complex molecular dynamics at the IS that governs lymphocyte activation. Currently, the IS is seen as a three-dimensional structure where signalling networks for lymphocyte activation and endosomal and cytoskeleton machinery are polarised. A view has emerged in which dynamic microclusters of signalling complexes are composed of molecular components attached to the plasma membrane and other components conveyed on sub-synaptic vesicles transported to the membrane by cytoskeletal fibers and motor proteins. Much information is nonetheless missing about how the dynamics of the endosomal compartment, the cytoskeleton, and signalling complexes are reciprocally regulated to achieve the function of lymphocytes. Experimental evidence also suggests that the environment surrounding</p>

lymphocytes exposed to different antigenic challenge regulates IS assembly and functional output, making an even more complex scenario still far from being completely understood. Also, although some signalling molecular components for lymphocyte activation have been identified and thoroughly studied, the function of other molecules has not been yet uncovered or deeply characterised. This research topic aims to provide the reader with the latest information about the molecular dynamics governing lymphocyte activation. These molecular dynamics dictate cell decisions. Thus, we expect that understanding them will provide new avenues for cell manipulation in therapies to treat different immune-related pathologies.

2. Record Nr.	UNINA9910965093303321
Autore	Cafferata Patricia D. <1940->
Titolo	Christmas in Nevada / / Patricia D. Cafferata
Pubbl/distr/stampa	Reno, Nevada ; ; Las Vegas, [Nevada] : , : University of Nevada Press, , 2014 ©2014
ISBN	0-87417-950-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (173 p.)
Disciplina	394.2663
Soggetti	Christmas - Nevada - History Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Title page -- Copyright page -- Table of Contents -- Preface -- Introduction -- A Christmas Carol -- Preachers and Presents Everywhere -- Mark Twain's Mentor in Virginia City -- O Tannenbaum! O Tannenbaum! -- Waltzing Through the Sagebrush -- Reno Churches Competed for Attendance -- The "Nevergreen" Trees -- Sleigh Tracks in Silver Peak -- Photos-Early 1900s -- Happy Holidays in Las Vegas -- Christmas in a Tomb -- Catholics in the Congregational Church -- O Christmas Tree -- The Stovall Kids "Planted" a Forest -- Josephine and the Scary Santa -- Christmas Comes to Yerington -- The Richest

Christmas -- Churches and Courthouse Trees -- Santa Claus and Yule Missa -- Santa Claus Rang the Doorbell -- It's a Christmas Tree -- Photos-1920s-1930s -- A Christmas Tree Tradition Born in the Depression -- Santa Claus Comes to Las Vegas -- The Christmas Gal -- Santa Claus's Will -- Three Days to Celebrate -- Merry Christmas, Darlings! -- Santa Claus and the Nativity Story -- Enchanting Pogonip -- A Nevada Christmas Smell -- Nevada's Piñon and Tumbleweed Trees -- Dining in the Governor's Mansion -- Richard Bryan's Christmas Celebrations -- Photos-1940s-1950s -- Angel Without Wings -- A Toy Factory in Verdi -- Honey Cake Holiday Houses -- Christmas at Sunny Acres -- The "Santa Spirit -- Tasha's Christmases in Tonopah -- The Christmas Flood of 1955 -- Christmas in Black Springs -- Nevada Christmas Cards -- Christmas Ornaments in Mina -- Christmas Tamales -- Opportunity Village's Magical Forest and Santa Run -- Christmas Trees on the Mountain -- Is There a Santa Claus? -- No More Charlie Brown Trees -- Winter Gardens in Las Vegas -- Sharp Needles and Soft Lights -- Photos-1960s to the Present -- Nevada's Willow Reindeer Herd -- Reno's Santa Pub Crawl -- Elko's "Twelve Days of Christmas -- Governor Brian Sandoval's Executive Order. A Few Additional Nevada Holiday Events -- Index.

Sommario/riassunto

The delightful and touching stories in Christmas in Nevada tell how Nevadans have celebrated the holiday, from 1858 to the present day. Some are told by well-known Nevadans, such as Samuel Clemens (Mark Twain), Robert Laxalt, and former governors Bob List and Richard Bryan, but much more of the book shows ordinary Nevadans celebrating in diverse.
