

1. Record Nr.	UNINA9910131530203321
Autore	Liliana Bernardino
Titolo	Dual role of microglia in health and disease [[electronic resource]] : pushing the balance towards repair / / edited by Raquel Ferreira and Liliana Bernardino
Pubbl/distr/stampa	Frontiers Media SA, 2015 France : , : Frontiers Media SA, , 2015
ISBN	9782889194926 (ebook)
Descrizione fisica	1 online resource (101 pages) : illustrations, charts
Collana	Frontiers Research Topics
Soggetti	Neuroscience Human Anatomy & Physiology Health & Biological Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Microglial cells play a vital role in the innate immune response occurring in the Central Nervous System (CNS). Under physiologic conditions, microglia dynamically patrol the brain parenchyma and participate in the remodeling of active neuronal circuits. Accordingly, microglia can boost synaptic plasticity by removing apoptotic cells and by phagocytizing axon terminals and dendritic spines that form inappropriate neural connections. Upon brain and spinal cord injury or infection, microglia act as the first line of immune defense by promoting the clearance of damaged cells or infectious agents and by releasing neurotrophins and/ or proneurogenic factors that support neuronal survival and regeneration. Recently, two main pathways were suggested for microglia activation upon stimuli. Classical activation is induced by Toll-like receptor agonists and Th1 cytokines and polarizes cells to an M1 state, mainly leading to the release of TNF-alpha, IL-6 and nitric oxide and to grave neural damage. Alternative activation is mediated by Th2 cytokines and polarizes cells to an M2a state inducing the release of antiinflammatory factors. These findings have further fueled the discussion on whether microglia has a detrimental or

beneficial action (M1 or M2-associated phenotypes, respectively) in the diseased or injured CNS and, more importantly, on whether we can shift the balance to a positive outcome. Although microglia and macrophages share several common features, upon M1 and M2 polarizing conditions, they are believed to develop distinct phenotypic and functional properties which translate into different patterns of activity. Moreover, microglia/macrophages seem to have developed a tightly organized system of maintenance of CNS homeostasis, since cells found in different structures have different morphology and specific function (e.g. meningeal macrophages, perivascular macrophages, choroid plexus macrophages). Nevertheless, though substantial work has been devoted to microglia function, consensus around their exact origin, their role during development, as well as the exact nature of their interaction with other cells of the CNS has not been met. This issue discusses how microglial cells sustain neuronal activity and plasticity in the healthy CNS as well as the cellular and molecular mechanisms developed by microglia in response to injury and disease. Understanding the mechanisms involved in microglia actions will enforce the development of new strategies to promote an efficient CNS repair by committing microglia towards neuronal survival and regeneration.

2. Record Nr.	UNINA9910808529903321
Autore	Bazhan Mykola
Titolo	Quiet spiders of the hidden soul : Mykola (Nik) Bazhan's early experimental poetry / / edited by Oksana Rosenblum, Lev Fridman, and Anzhelika Khyzhnia
Pubbl/distr/stampa	Boston : , : Academic Studies Press, , [2020] ©2020
ISBN	1-64469-397-6 1-64469-396-8
Descrizione fisica	1 online resource (324 pages)
Collana	Ukrainian studies
Disciplina	891.791308
Soggetti	Ukrainian poetry - 20th century Poetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- Acknowledgements -- Preface -- The Ukrainian Avant-Garde and Its Roots: The Poetics of Mykola (Nik) Bazhan -- COLLECTIONS -- /The Seventeenth Patrol (1926) -- Translator's Essay: Jumping the Corral Fence -- I I/TROOPER'S SONG -- I /IMOB OF GALAM -- /The Sculpted Shadow (1927) -- Translator's Essay: Mykola Bazhan's The Sculpted Shadow: Echoes of Acmeism -- /AUTUMN PATH -- /HORSESHOES -- /A MOMENT IN THE NIGHT -- /INDISTINCT SOUND -- /FERN -- /THE BLOOD OF CAPTIVE MAIDENS -- /LOVAGE -- —/LOVE POTION -- /THE INFINITE ROAD -- /Edifices (1929) -- /THE ROAD -- /A NIGHT CRUISE -- /TO MY FRIEND -- /FOXTROT -- /ELEGY FOR CIRCUS ATTRACTIONS -- /EDIFICES -- /HEART-TO-HEART CONVERSATION -- Short Poems (1923–1927) -- Translators' Essay: Just a Trick, Just a Flip -- Translator's Essay: The Elegance of Bazhan's Obscurity -- /ZURMA SWARM -- - /RUHR-MARCH -- -/AERO-MARCH --

/HOPS OF GREEN LEGS -- /CIRCUS -- Long Poems
(1929) -- I/HOFFMANN'S NIGHT --
MAHI/GETTO IN UMAN -- Blind Bards (1930–1931) -- Translator's
Essay -- /BLIND BARDS -- Prose (1927) -- Translator's Essay --
: / MEETING AT THE
CROSSROAD STATION: A CONVERSATION BETWEEN THE THREE --
Afterword. From the Whirlpool of Creativity to Living on the Edge of a
Psychological Abyss: Mykola Bazhan in the 1920s and 1930s -- Editors,
Translators, and Contributing Writers -- Illustrations

Sommario/riassunto

This bilingual Ukrainian-English collection brings together the most interesting experimental works by Mykola (Nik) Bazhan, one of the major Ukrainian poets of the twentieth century. As he moved from futurism to neoclassicism, symbolism to socialist realism, Bazhan consistently displayed a creative approach to theme, versification, and vocabulary. Many poems from his three remarkable early collections (1926, 1927, and 1929) remain unknown to readers, both in Ukraine and the West. Because Bazhan was later forced into the straitjacket of officially sanctioned socialist realism, his early poetry has been neglected. This collection makes these outstanding works available for the first time.
