

A Bibliography of Selected Articles and Papers that pertain to and support new theoretical, experimental and clinical developments pertaining to Neurodegenerative Disease.

Rough-In-Preparation-Draft
Version 0.1 16.December.2019

This list (constant revisions and mainly additions) is considered to be relevant and in many cases supportive of the general themes and directions of work applicable to and within OASIS Clinic for Neurophysiological Wellness (OCNW). These are papers, reports, and articles, spanning from deeply technical to “general-audience” types) that collectively are viewed as providing valuable contributions to an evolving, maturing and scientifically sound understanding of fundamentals in physics and with implications for other sciences including biology and psychology.

Some of the connections between works mentioned here with each other, and with implications in particular for specific neurological disorders and diseases (“ND”) may seem hard to grasp or fathom, at first glance. However, it is hoped that forthcoming papers and books that are now nearing a point of readiness for distribution and publication, as well as some lectures and presentations, will aid in bridging these gaps of understanding.

Some of these materials listed here are intended principally for general audience readers, because such education and dialog is very important in medicine and all the sciences. Some of these materials are included and others will be added here, in the interests of aiding the understanding of phenomena which have, heretofore, been challenging to measure, much less to explain within the context of traditionally accepted theories. Most of the general-audience articles are in basic plain English and with some graphics, explaining a few points about emerging biology and medicine which all supports, confirms, adds-to, and/or provides some of the basis for all of this including the work within OCNW and TETRAD Institute in the field.

The research that has been reported through these publications includes findings and implications that we believe are supportive of each other and new directions in both fundamental neuroscience including understanding of the connectome and models for cognitive processing, the etiology of certain disorders including autoimmune diseases where neuroinflammation is indicated, and processes of both neurodegeneration and neurorestoration.

There is emerging a new and concentrated group of research scientists and clinicians working in these areas, and particularly in the relevant domains specific to particular disorders and diseases. These are persons and groups with whom collaboration is now ongoing or in other cases desirable and/or under development. (As a standard rejoinder and clarification, there is no implication made herein that any author or group listed here is in specific agreement, consensus, support, or other “scientific-political” standpoint with regard to the Institute or to any one position, view or theory expressed herein.)

Note that this is an ongoing document, there are no annotations or comments here, and there is much more to be added. Absence of names and titles does not imply disregard of importance. You are most certainly invited to address comments, corrections and suggestions to our group.

[1]

Neuroinflammation, autoimmune genesis, preconditions

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2814458/pdf/imm0129-0154.pdf>

Inflammation in neurodegenerative diseases

Sandra Amor, Fabiola Puentes, David Baker & Paul van derValk

<https://www.pnas.org/content/pnas/114/4/E524.full.pdf>

Dual role of ALCAM in neuroinflammation and blood–brain barrier homeostasis Marc-André Lécuyer, Olivia Saint-Laurent, Lyne Bourbonnière, Sandra Larouche, Catherine Larochelle, Laure Michel, Marc Charabati, Michael Abadier, Stephanie Zandee, Neda Haghayegh Jahromi, Elizabeth Gowing, Camille Pittet, Ruth Lyck, Britta Engelhardt, and Alexandre Prat

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2779008/pdf/7080.pdf>

Autoimmune disease and risk for Parkinson disease - A population-based case-control study

K. Rugbjerg, MScS. Friis, MDB. Ritz, MD, PhD. S. Schernhammer, MD, DrPH. Korbo, MD, DMSc. H. Olsen, MD, DMSc

Activated Leukocyte Cell Adhesion Molecule: A Novel Regulator of Allergic Inflammation in the Airways
DOI: 10.1164/rccm.201801-0196ED on March 9, 2018 Am J Respir Crit Care Med Vol 197, Iss 8, pp 973–986, Apr 15, 2018

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2779008/pdf/7080.pdf>

Autoimmune disease and risk for Parkinson disease

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2814458/pdf/imm0129-0154.pdf>

Inflamm in ND

<https://www.jimmunol.org/content/jimmunol/190/11/5355.full.pdf>

NK Cells in CNS Disorders

https://www.researchgate.net/publication/318768580_The_role_of_Th17_cells_in_auto-inflammatory_neurological_disorders

The role of Th17 cells in auto-inflammatory neurological disorders

https://ec.europa.eu/health/archive/ph_threats/non_com/docs/raredementias_en.pdf

EU Report on Rare Dementias

<https://www.jimmunol.org/content/jimmunol/190/11/5355.full.pdf>

NK Cells in CNS Disorders

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5306073/pdf/11010_2016_Article_2909.pdf

https://www.researchgate.net/publication/318768580_The_role_of_Th17_cells_in_auto-inflammatory_neurological_disorders

The role of Th17 cells in auto-inflammatory neurological disorders

https://ec.europa.eu/health/archive/ph_threats/non_com/docs/raredementias_en.pdf

EU Report on Rare Dementias

https://www.researchgate.net/publication/289586534_A_Potential_Alternative_against_Neurodegenerative_Diseases_Phytodrugs/figures?lo=1

A Potential Alternative against Neurodegenerative Diseases: Phytodrugs

<https://www.atsjournals.org/doi/pdf/10.1164/rccm.201801-0196ED>

Activated Leukocyte Cell Adhesion Molecule: A Novel Regulator of Allergic Inflammation in the Airways

<https://www.pnas.org/content/pnas/114/4/E524.full.pdf>

Dual role of ALCAM in neuroinflammation and blood–brain barrier homeostasis

<https://ir.genmab.com/news-releases/news-release-details/detailed-results-phase-iii-asclepios-i-ii-studies-ofatumumab>

<https://www.fiercepharma.com/pharma/novartis-repurposed-cancer-drug-arzerra-outpaces-sanofi-s-aubagio-multiple-sclerosis-trial>

<https://multiplesclerosisnewstoday.com/ofatumumab-for-multiple-sclerosis/>

<https://www.novartis.com/news/media-releases/novartis-phase-iii-asclepios-trials-demonstrate-robust-efficacy-ofatumumab-patients-relapsing-multiple-sclerosis>

<https://www.fiercebiotech.com/research/halting-progression-multiple-sclerosis-by-blocking-harmful-b-cells>

<https://ir.genmab.com/news-releases/news-release-details/detailed-results-phase-iii-asclepios-i-ii-studies-ofatumumab>

Alexander Prat [multiple]

[2]

Diagnostic Techniques: NfL, Tomography, Angiography

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6460359/pdf/fneur-10-00338.pdf>

Neurofilament Light Chain as a Biomarker in Multiple Sclerosis Kristin N. Varhaug^{1,2,3*}, Øivind Torkildsen^{1,2,3}, Kjell-Morten Myhr^{1,2,3} and Christian A. Vedeler^{1,2}

<https://ohsu.pure.elsevier.com/en/publications/optical-coherence-tomography-angiography-enhances-the-detection-o>

Optical coherence tomography angiography enhances the detection of optic nerve damage in multiple sclerosis

[Rebecca Spain](#), [Liang Liu](#), [Xinbo Zhang](#), [Jia Yali](#), [Ou Tan](#), [Dennis Bourdette](#), [David Huang](#)

[3]

Foundational theory – topological models and the neural connectome

TOWARDS EQUATIONS FOR BRAIN DYNAMICS AND THE CONCEPT OF EXTENDED CONNECTOME

Arturo Tozzi, James Peters

FROM CORTICAL MICROCOLUMNS TO BRAIN BARCODES

Arturo Tozzi, James Peters, Ottorino Ori

MICRO AND MACRO-LEVELS OF NEURAL OBSERVATION DESCRIBE THE SAME BRAIN ACTIVITY

Arturo Tozzi, James Peters, Pedro C. Marijuán

Towards a fourth spatial dimension of brain activity

Arturo Tozzi, James Peters

Article in Cognitive Neurodynamics · February 2016

A TOPOLOGICAL THEORY OF KNOWLEDGE IN THE HUMAN BRAIN

Arturo Tozzi, James Peters

Revealing Topological Organization of Human Brain Functional Networks with Resting-State Functional near Infrared Spectroscopy

[Haijing Niu](#),[#] [Jinhui Wang](#),[#] [Tengda Zhao](#), [Ni Shu](#), and [Yong He](#)

PLoS One. 2012; 7(9): e45771

Network Catastrophe: Self-Organized Patterns Reveal both the Instability and the Structure of Complex Networks

Hankyu Moon & Tsai-Ching Lu

www.nature.com/scientificreports

Self-organization of network dynamics into local quantized states Christos Nicolaides¹, Ruben Juanes² & Luis Cueto-Felgueroso

DOI: 10.1038/srep21360

THE THERMODYNAMIC ANALYSIS OF NEURAL COMPUTATION

Eva Deli, James Peters, Arturo Tozzi

Brain as quantum-like computer

Andrei Khrennikov

Quantum Information Biology: from information interpretation of quantum mechanics to applications in molecular biology and cognitive psychology
Masanari Asano, Irina Basieva, Andrei Khrennikov

Towards Random Walks Underlying Neural Spikes
Arturo Tozzi, James Peters, Alexander Yurkin

EEG dynamics on hyperbolic manifolds
Arturo Tozzi, James Peters, Norbert Jausovec

Topology of Human Perception
Arturo Tozzi, James Peters

Effect of repetitive transcranial magnetic stimulation in patients with vascular Parkinsonism
[Villanueva-Porras David](#)

Tozzi A, Peters JF. 2016. A Topological Approach Unveils System Invariances and Broken Symmetries in the Brain. *Journal of Neuroscience Research* 94 (5): 351–65. doi:10.1002/jnr.23720

Tozzi A, Peters JF 2017. Towards Equations for Brain Dynamics and the concept of Extended Connectome

Tozzi A, Peters JF, Ori, O. 2018. From cortical Columns to Brain Barcodes

Martin Dudziak [multiple]

Peter Kugler [multiple]

Neurobiological Foundations

Mountcastle VB. 1997. The columnar organization of the neocortex. *Brain*, 20, 4: 701–722

Buxhoeveden DP, Casanova MF. 2002. The minicolumn hypothesis in neuroscience. *Brain*, 125, 5:935–951.

Casanova MF, El-Baz A, Switala A. 2011. Laws of conservation as related to brain growth, aging, and evolution: symmetry of the minicolumn. *Front Neuroanat.* 26;5:66. doi:

10.3389/fnana.2011.00066

Watanabe T, Masuda N, Megumi F, Kanai R, Rees G. 2014 Energy landscape and dynamics of brain activity during human bistable perception. *Nat. Commun.*28,5:4765. (doi: 10.1038/ncomms5765)

Vuksanovic V, Hövel P. 2014 Functional connectivity of distant cortical regions: Role of remote synchronization and symmetry in interactions. *NeuroImage*,97, 1–8. (DOI:10.1016/j.neuroimage.2014.04.039)

Pribram, Karl [multiple]

[4]

Emerging pharmaceutical approaches to MS

[https://kns.cnki.net/kcms/detail/detail.aspx?](https://kns.cnki.net/kcms/detail/detail.aspx?dbname=SJES1115_U&filename=SJESCCE0FEA24274628BA788F8417D469779&dbcode=WWJD&v=)

[dbname=SJES1115_U&filename=SJESCCE0FEA24274628BA788F8417D469779&dbcode=WWJD&v=](https://kns.cnki.net/kcms/detail/detail.aspx?dbname=SJES1115_U&filename=SJESCCE0FEA24274628BA788F8417D469779&dbcode=WWJD&v=)

Effect of fingolimod on diffuse brain tissue damage in relapsing-remitting multiple sclerosis patients

Nicola De Stefano; Davorka Tomic; Ernst-Wilhelm Radue; Till Sprenger; Daniela Piani Meier; Dieter Häring; Maria Pia Sormani;

Department of Medicine, Surgery and Neuroscience, University of Siena, Siena, Italy; Novartis Pharma AG, Basel, Switzerland; Medical Image Analysis Center (MIAC), University Hospital, Basel, Switzerland; Department of Neurology, DKD Helios Klinik Wiesbaden, Germany; University of Genoa, Genoa, Italy;

<https://www.novartis.com/news/media-releases/novartis-phase-iii-asclepios-trials-demonstrate-robust-efficacy-ofatumumab-patients-relapsing-multiple-sclerosis>

Novartis Phase III ASCLEPIOS trials demonstrate robust efficacy of ofatumumab in patients with relapsing multiple sclerosis

<https://ohsu.pure.elsevier.com/en/publications/can-immune-reprogramming-with-alemtuzumab-induce-permanent-remiss>

Can immune reprogramming with alemtuzumab induce permanent remission in multiple sclerosis?

Heinz Wiendl, [Dennis Bourdette](#), Olga Ciccarelli

[5]

Non-pharmaceutical approaches to MS

<http://downloads.hindawi.com/journals/omcl/2016/8378613.pdf>

A Potential Alternative against Neurodegenerative Diseases: Phytodrugs

Jesús Pérez-Hernández,^{1,2} Víctor Javier Zaldívar-Machorro,^{1,3} David Villanueva-Porras,^{1,4} Elisa Vega-Ávila,⁵ and Anahí Chavarría

<https://ohsu.pure.elsevier.com/en/publications/effect-of-high-intensity-exercise-on-multiple-sclerosis-function->

Effect of High-Intensity Exercise on Multiple Sclerosis Function and Phosphorous Magnetic Resonance Spectroscopy Outcomes

Anna Orban, Bharti Garg, [Manoj Sammi](#), [Dennis Bourdette](#), [William Rooney](#), [Kerry Kuehl](#), [Rebecca Spain](#)

<https://ohsu.pure.elsevier.com/en/publications/lipoic-acid-and-other-antioxidants-as-therapies-for-multiple-scle>

Lipoic Acid and Other Antioxidants as Therapies for Multiple Sclerosis

Carin Waslo, [Dennis Bourdette](#), Nora Gray, Kirsten Wright, [Rebecca Spain](#)

<https://ohsu.pure.elsevier.com/en/publications/diet-in-multiple-sclerosis-science-takes-a-seat-at-the-table>

Diet in multiple sclerosis: Science takes a seat at the table

James F. Sumowski, Gavin V. McDonnell, [Dennis Bourdette](#)

<https://ohsu.pure.elsevier.com/en/publications/lipoic-acid-in-secondary-progressive-ms>

Lipoic acid in secondary progressive MS

[Rebecca Spain](#), Katherine Powers, Charles Murchison, Elizabeth Heriza, Kimberly Wingses, [Vijayshree Yadav](#), [Michelle Cameron](#), [Edward Kim](#), [Fay Horak](#), Jack Simon, [Dennis Bourdette](#)

<https://ohsu.pure.elsevier.com/en/publications/effects-of-lipoic-acid-on-migration-of-human-b-cells-and-monocyte>

Effects of lipoic acid on migration of human B cells and monocyte-enriched peripheral blood mononuclear cells in relapsing remitting multiple sclerosis

Joshua D. George, [Edward Kim](#), [Rebecca Spain](#), [Dennis Bourdette](#), Sonemany Salinthon

<https://ohsu.pure.elsevier.com/en/publications/effects-of-lipoic-acid-on-walking-performance-gait-and-balance-in>

Effects of lipoic acid on walking performance, gait, and balance in secondary progressive multiple sclerosis

Bryan D. Loy, Brett Fling, [Fay Horak](#), [Dennis Bourdette](#), [Rebecca Spain](#)

<https://ohsu.pure.elsevier.com/en/publications/impact-of-mindfulness-based-stress-reduction-for-people-with-mult>

Impact of mindfulness-based stress reduction for people with multiple sclerosis at 8 weeks and 12 months: A randomized clinical trial

Angela Senders, Douglas Hanes, [Dennis Bourdette](#), Kimberly Carson, [Lynn Marshall](#), [Lynne Shinto](#)

<https://ohsu.pure.elsevier.com/en/publications/a-multicenter-randomized-controlled-trial-of-two-group-education->

A multicenter randomized controlled trial of two group education programs for fatigue in multiple sclerosis: Short- and medium-term benefits

On Behalf of the VA MS Fatigue Study Group

[6]

Remyelination in MS

<https://www.sciencedaily.com/releases/2019/04/190418141614.htm>

Study shows promise in repairing damaged myelin (re: soberitome)

<https://ohsu.pure.elsevier.com/en/publications/approaches-to-remyelination-therapies-in-multiple-sclerosis>

Approaches to Remyelination Therapies in Multiple Sclerosis

Lindsey Wooliscroft, Elizabeth Silbermann, [Michelle Cameron](#), [Dennis Bourdette](#)

[7]

VNT-focus

[1] Ventura RE, Balcer LJ, Galetta SL,
The neuro-ophthalmology of head trauma
Lancet Neurol. 2014 Oct;13(10):1006-16

[2] Rossetti Y, Rode G, Pisella L, Farné A, Li L, Boisson D, Perenin MT,
Prism adaptation to a rightward optical deviation rehabilitates left hemispatial neglect
Nature. 1998 Sep 10;395(6698):166-9

[3] Goodrich GL, Martinsen GL, Flyg HM, Kirby J, Garvert DW, Tyler CW,
Visual function, traumatic brain injury, and posttraumatic stress disorder,
J Rehabil Res Dev. 2014;51(4):547-58

[4] Langhorne P, Bernhardt J, Kwakkel G,
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The Lancet 2011;377(9778):1693-1702

[5] Robertson, Ian H., Murre, Jaap M.,
Rehabilitation of brain damage: Brain plasticity and principles of guided recovery
Psychological Bulletin 1999 Sep;125(5):544-575.

[6] Kleim, Jeffrey A. , Jones, Theresa A.,
Principles of Experience-Dependent Neural Plasticity: Implications for Rehabilitation After Brain
Damage
Journal of Speech, Language, and Hearing Research 2008 Feb; Vol. 51:225-239

[7] Rose, F. David, Brooks, Barbara. M.Rizzo, Albert A.,
Virtual Reality in Brain Damage Rehabilitation: Review
CyberPsychology & Behavior 2005 June; 8(3):241-262

[8] Gordon WA , Hibbard MR , Egelko S , Diller L , Shaver MS , Lieberman A , Ragnarsson K,
Perceptual remediation in patients with right brain damage: a comprehensive program
Archives of Phys. Med. and Rehab. 1985, 66(6):353-359

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Plasticity of Language-Related Brain Function During Recovery From Stroke
Stroke 1999; 30:749-754

M. Iosa, G. Morone, A. Fusco, M. Bragoni, P. Coiro, M. Multari, V. Venturiero, D. De Angelis, L. Pratesi,
S. Paolucci, Seven Capital Devices for the Future of Stroke Rehabilitation
Stroke Research and Treatment
Volume 2012 (2012), Article ID 187965
doi: 10.1155/2012/187965

Virtual Reality-Enhanced Stroke Rehabilitation

David Jack, Member, IEEE, Rares Boian, Student Member, IEEE, Alma S. Merians, Marilyn Tremaine, Grigore C. Burdea, Senior Member, IEEE, Sergei V. Adamovich, Michael Recce, and Howard Poizner
IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, VOL. 9, NO. 3, SEPTEMBER 2001

J W Duparre and F C Wippermann

Micro-optical artificial compound eyes

Bioinspiration and Biomimetics, 1 (2006): R1–R16 doi:10.1088/1748-3182/1/1/R01

Duparré J, Dannberg P, Schreiber P, Bräuer A, Tünnermann A.

Thin compound-eye camera

Appl Opt. 2005 May 20;44(15): 2949-56.

Dario Floreano, Ramon Pericet-Camara, Stéphane Viollet, Franck Ruffier, Andreas Brückner, Robert Leitel, Wolfgang Buss, Mohsine Menouni, Fabien Expert, Raphaël Juston, Michal Karol Dobrzynski, Geraud L'Eplattenier, Fabian Recktenwald, Hanspeter A. Mallot, and Nicolas Franceschini

Miniature curved artificial compound eyes

Proc. of the Natl. Academy of Sciences, vol. 110 no. 23 (2013): 9267–9272, doi: 10.1073/pnas.1219068110

Jacques Duparré, Peter Schreiber, André Matthes, Ekaterina Pshenay-Severin, Andreas Bräuer, Andreas Tünnermann, Reinhard Völkel, Martin Eisner, and Toralf Scharf

Microoptical telescope compound eye

Optics Express Vol. 13, Issue 3 (2005): 889-903 doi: 10.1364/OPEX.13.000889

Brückner, A., Leitel, R., Dannberg, P., Wippermann, F., Bräuer, A.

A multi-aperture approach to wafer-level camera lenses

Fraunhofer Institute Reports (2011)

Monica da Silva Cameirao, Sergi Bermudez i Badia, Esther Duarte and

Paul F.M.J. Verschure

Virtual reality based rehabilitation speeds up functional recovery of the upper extremities after stroke: A randomized controlled pilot study in the acute phase of stroke using the Rehabilitation Gaming System

Restorative Neurology and Neuroscience 29 (2011) 287–298

DOI 10.3233/RNN-2011-0599

<http://www.ncbi.nlm.nih.gov/pubmed/15929282>

Compound eye and camera

<http://www.hindawi.com/journals/srt/2012/187965/> Seven Capital Devices for the Future of Stroke Rehab.

[8]

To-Be-Sorted

Rare Forms of Dementia

Final report of a project supported by the Community Rare Diseases Programme 2000-2002

Health & Consumer Protection Directorate-General EU

NK Cells in Central Nervous System Disorders

Aurélie Poli, Justyna Kmiecik, Olivia Domingues, Francois Hentges, Mathieu Bléry, Martha Chekenya,

José Boucrau and Jacques Zimmer François <http://www.jimmunol.org/content/190/11/5355>doi:

10.4049/jimmunol.12034012013; 190:5355-5362;

The Role of B Cells and Antibodies in Multiple Sclerosis, Neuromyelitis Optica, and Related

Disorders Silke Häusser-Kinzel¹ and Martin S. Weber^{1,2*}

Frontiers in Immunology 10:201 Feb. 2019

B cells from patients with multiple sclerosis have a pathogenic phenotype and increased LT α and TGF β 1 response

Oskar McWilliam, Finn Sellebjerg, Hanne V. Marquart, Marina Rode von Essen

DOI: <https://doi.org/10.1016/j.jneuroim.2018.09.001>

The ins and outs of B cells in multiple sclerosis Kevin Blauth¹, Gregory P. Owens¹ and Jeffrey L. Bennett

Frontiers in Immunology 05.Nov.2015

turning on Lights to Stop Neurodegeneration: The Potential of Near Infrared Light Therapy in Alzheimer's and Parkinson's Disease

Daniel Johnstone, Cecile Moro, Jonathan Stone, Alim-Louis Benabid and John Mitrofanis

Shining light on the head: Photobiomodulation for brain disorders

Michael R. Hamblin

Requirements and bidirectional importance/contributions (of integration) of clinical neurology with brain function research

Martin Dudziak, PhD

Investigations in dysfunctional geometry and boundary-space perception as an avenue for understanding brain connectome network dynamics

Martin Dudziak, PhD

Refining an Intelligent Look-Ahead Toolset for Clinical Neurology that employs robust and flexible brain function network models

Martin Dudziak, PhD

When noise and broken wiring is not necessarily grounds for alarm and dramatic change to the music

Martin Dudziak, PhD

Great Expectations: Using Whole-Brain Computational Connectomics for Understanding Neuropsychiatric Disorders

Gustavo Deco, Morten L. Kringelbach

The Clinical TMS Society Consensus Review and Treatment Recommendation for TMS Therapy for MAJOR Depressive Disorder

T. Perera, M. George, G. Grammer, P. Janicak, A. Pascual-Leone, & T. Wiercki

Brain Stimulation 2016; 9(3), 336-346

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Treatment decisions in MS: Shifting the goal posts or changing how we see them?

K Mahajan, K Nakamura, D Ontaneda

The Role of Advanced Magnetic Resonance Imaging Techniques in Multiple Sclerosis Clinical Trials

K Mahajan, D Ontaneda

[9]

More to-be-sorted

<https://ohsu.pure.elsevier.com/en/publications/the-key-role-of-t-cells-in-parkinsons-disease-pathogenesis-and-th>

The key role of T cells in Parkinson's disease pathogenesis and therapy

Jill K. Baird, [Dennis Bourdette](#), Charles K. Meshul, [Joseph Quinn](#)

<https://ohsu.pure.elsevier.com/en/publications/about-multiple-sclerosis-and-hematopoietic-stem-cells-in-the-trea>

About multiple sclerosis and hematopoietic stem cells in the treatment of multiple sclerosis

Meredith C. Frederick, [Dennis Bourdette](#)

The working principle of magnetic resonance therapy

L. Brizhik¹, B. Zavan², E. Fermi³,

[10]

Related Research, Economics and Social Issues

<https://ohsu.pure.elsevier.com/en/publications/meals-mindfulness-amp-moving-forward-a-feasibility-study-to-a-mul>

Meals, Mindfulness, & Moving Forward: A feasibility study to a multi-modal lifestyle approach in early psychosis

[Craigian Usher](#), Andie Thompson, Meridith Griebeler, Angela Senders, Celeste Seibel, Richard Ly, Charles Murchison, Kirsten Hagen, Keith Allen Afong, [Dennis Bourdette](#), Rachel Ross, Alena Borgatti, [Lynne Shinto](#)

Emotion Regulation in the Wild: The WEHAB Approach Pardis Miria, Andero Uusbergb, Heather Culbertsonc, Robert Floryd, Helen Uusberge, James J.Grossb, Keith Marzullof, Katherine Isbister

<https://ohsu.pure.elsevier.com/en/publications/author-response-neurologists-and-the-economics-of-ms-treatment-li>

Author response: Neurologists and the economics of MS treatment: Lighting candles, not cursing the darkness

[Dennis Bourdette](#)

[ADDITIONAL BIBLIOGRAPHIC MATERIALS, and progressively, also annotations, WILL BE ADDED FROM TIME TO TIME TO THIS AND RELATED DOCUMENTS]

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