

Updated CV and Publications in July 2015

CURRICULUM VITAE

Name: **Robert Henry (Haim Pinhas) Belmaker**
Born: July 8, 1947, Los Angeles, California
Immigration: July 1, 1974
Marital status: Married + 6 children + 9 grandchildren
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Military Service: January-June 1979, Israel Defense Forces

EDUCATION

B.A. cum laude 1967, Harvard College
MD 1971 Duke University

EMPLOYMENT

1971-1972 Resident in Psychiatry, Duke University
1972-1974 Clinical Associate, NIMH Clinical Center
1977 Visiting Professor of Psychiatry, Medical College of Wisconsin
1982 Visiting Professor of Psychiatry, St. Louis University School of Medicine
1974-1985 Research Director, Jerusalem Mental Health Center
1974-1985 Faculty of Hadassah-Hebrew University School of Medicine, Jerusalem
1981-1985 Associate Professor of Psychiatry, Hadassah- Hebrew University School of Medicine, Jerusalem
1985- 1994 Director of Acute Inpatient Psychiatry Service, Beersheva Mental Health Center, Beersheva
1985-1986 Associate Professor of Psychiatry, Faculty of Health Sciences, Ben Gurion University of the Negev, Beersheva
1986- Full Professor of Psychiatry, Faculty of Health Sciences, Ben Gurion University of the Negev
1988-1998 Chairman, Division of Psychiatry, Faculty of Health Sciences, Ben Gurion University of the Negev, Beersheva

1994- Assistant Director, Beersheva Mental Health Center
1998-2007 Director, Stanley Research Center, Beersheva, Israel
2008-2010 President CINP (International College of Neuropsychopharmacology)
2011- Vice President Outreach, International Society for Bipolar Disorders
1987-2012 Hoffer-Vickar Professor of Psychiatry, Faculty of Health Sciences,
Ben Gurion University of the Negev, Beersheva
2012- Professor Emeritus of Psychiatry, Ben Gurion University
2012-2014 Vice President, International Society for Bipolar Disorders
2013- President-elect, International Neuropsychiatric Association
2015- President, Israel Psychiatric Association

LICENSURE North Carolina, Maryland, Missouri, Israel; National Board of
Medical Examiners, USA; Certified USA Board of Psychiatry and
Neurology; Israel Specialist in Psychiatry

EDITORIAL BOARD MEMBERSHIPS

Bipolar Disorders (Editorial Board member) 1999 –
Bipolar Disorder (Associate Editor) 1999-2008
Pharmacological Reports 2000-2012
World Journal of Biological Psychiatry 1999-2009
Neuropsychiatria i Neuropsychologia (Neuropsychiatry and Neuropsychology)
Journal of Psychiatric Research 1978-2012
Clinical Neuroscience Research 2000 - 2007
Acta Neuropsychiatrica 2002-2006
Journal of Neural Transmission 1994 -
Anxiety and Depression 1985-2004
International Journal of Neuropsychopharmacology 1998-2003
Progress in Neuropsychopharmacology and Biological Psychiatry 1995 -
Human Psychopharmacology 1991-2000
Biological Psychiatry, 1978-1999
European Neuropsychopharmacology 1994-1998
Brain Stimulation, 2007- 2012
Asian Journal of Psychiatry 2008-
International Journal of Bipolar Disorders 2012-

OFFICERSHIPS

1980 - 1982 Chairman, Organizing Committee, International Psychopharmacology
Congress, (CINP) Jerusalem, 1982
1983 - 1987 Organizing Committee Chairman, 6th International Catecholamine
Symposium, Jerusalem, 1987
1984 - 1992 Councilor of the International College of Neuropsychopharmacology (CINP)
1985 - 1998 Scientific Advisory Board of the Israel Center for Psychobiology
1989 Organizing Committee Chairman, World Federation of Societies of
Biological Psychiatry Regional Congress, Jerusalem
1997 Chairman, International Psychogeriatric Association Congress, Jerusalem
1998 Scientific Committee Member, CINP Congress, Glasgow, UK
1998-2006 Executive Committee, International Society for TMS

2001-2002 Chairman, Nominating Committee, CINP
2002-2004 Chairman, Israel Society for Biological Psychiatry
2003 -2006 Board of Councilors, International Society for Bipolar Disorders
2000 - Board of Governors, National Institute for Psychobiology in Israel

MEMBERSHIPS

1974- Israel Medical Association
1974- Israel Psychiatric Association
1974- American Psychiatric Association
1978- International College of Neuropsychopharmacology
1979- Society of Biological Psychiatry
1988 - Corresponding Fellow, American Psychiatric Association
1989- Corresponding Member, American College of Neuropsychopharmacology
1991- European College of Neuropsychopharmacology

AWARDS

1978 Bornstein Research Prize for Neuropsychiatry
1979 Hadassah Faculty Research Prize
1980 Elkes Psychobiology Prize
1980 AE Bennett Award for Clinical Research in Biological Psychiatry
1982 Research Prize of the Israel Medical Association
1983 Anna Monika Prize for Research in Depression
1986 William N. Creasy Visiting Lectureship in Pharmacology, Dec. 1-5, 1986
1988 Corresponding Fellow, American Psychiatric Association
1993 Ziskind-Somerfeld Prize for Senior Research in Psychiatry
1996 Eli Lilly Award of the ECNP
2000 The Nola Maddox Falcone Prize for Affective Disorders of NARSAD
2004 Research Prize of the World Federation of Societies of Biological Psychiatry
2007 Archived Interview, International Historical Archives of Psychopharmacology, ACNP

UNIVERSITY AND ACADEMIC POSITIONS

1. Member, Helsinki Committee (IRB) 1986-
2. Member, University Academic Promotions Committee, 1988-1992.
3. Member, Israel Council for Higher Education (Moetza LeHaskala Gevoha) 1989 (six months).
4. Member, Ministry of Health Committee for Psychotropic Drug Registration, 1989-
5. Member, Faculty of Medicine Committee for Research Students (MA and PhD), 1990- 2000
6. Member, Israel Academy of Sciences Review Committee in Psychology, 1994-96
7. Member, Chief Scientist of the Ministry of Health Grant Review Committee, 1990-
8. Member, University Medical Academic Promotions Committee, 2002-2005

RECENT GRANT SUPPORT

1. Stanley Foundation - Biochemical-behavioral screening tests for new antibipolar lithium-like compounds, 1992-1994.

2. German-Israel Foundation - Reversal of behavioral effects of Li by *myo*-inositol-induced changes in second messengers, 1994-1996
3. NARSAD Senior Investigator Award - Transcranial Magnetic Stimulation, 1994-1995.
4. NARSAD Junior Investigator Award - Mentor, 1996-1998 Forskolin in Psychiatry
5. NARSAD Junior Investigator Award – Mentor, 2000-2002, Phenytoin in Bipolar Illness
6. Stanley Clinical Trials – Clotiapine in Schizophrenia, 2001-2004
7. Stanley Clinical Trials – Homocysteine Reducing Strategies in Schizophrenia, 2001-2004
8. Stanley International Center Award, 1998-2007

PUBLICATIONS

Books and Special Journal Issues Edited

1. Gershon E, Belmaker RH, Kety S and Rosenbaum M (ed.) The Impact of Biology on Modern Psychiatry, Plenum Press, New York, 1977.
2. Belmaker RH and Van Praag HM (eds.) Mania, An Evolving Concept, Spectrum Publications, New York, 1980.
3. Bannet J and Belmaker RH (eds.) New Directions in Tardive Dyskinesia Research, Karger, Basel, 1983.
4. Lerer B, Weiner R and Belmaker RH (eds.) ECT: Basic Mechanisms, John Libbey, London, 1984.
5. Zohar J and Belmaker RH (eds). Treating Resistant Depression, Spectrum Press, New York, 1987.
6. Dahlstrom A Belmaker RH and Sandler M (eds). Progress in Catecholamine Research: Part A: Basic Aspects & Peripheral Mechanisms, Alan R. Liss, Inc., 1989.
7. Sandler M, Dahlstrom A and Belmaker RH (eds). Progress in Catecholamine Research: Part B: Central Aspects, Alan R. Liss, Inc., 1989.
8. Belmaker RH, Sandler M and Dahlstrom A (eds). Progress in Catecholamine Research: Part C: Clinical Aspects, Alan R. Liss, Inc., 1989.
9. Bergener M, Belmaker RH and Tropper M (eds). Psychopharmacotherapy in Old Age. Springer, New York, 1993.
10. Manji HK, Bowden CL, Belmaker RH (eds). Bipolar Medications: Mechanisms of Action. APA Press, Washington DC, 2000.
11. George MS, Belmaker RH (eds). Transcranial Magnetic Stimulation (TMS) in Neuropsychiatry. APA Press, Washington DC, 2000.

12. Benjamin J, Ebstein R, Belmaker RH (eds). *Molecular Genetics and Human Personality*. APA Press, Washington DC, 2002.
13. Agam G, Belmaker RH, Everall I (eds). *The Post-Mortem Brain in Psychiatric Research*. Kluwer Academic Publishers, Norwell, MA. 2002.
14. Belmaker RH, Bersudsky Y (eds). *Progress in Neuro-Psychopharmacology & Biological Psychiatry, Special Issue: Mechanism of Atypicality of Antipsychotic Drugs*. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 27 (7):1067-1069: 2003.
15. Belmaker RH, Bersudsky Y (eds). *Special Issue: Mechanism of Atypicality of Antipsychotic Drugs*. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, Elsevier, 27(7):2003.
16. Belmaker RH, Agam Galila (eds). *Special Issue: Lithium and Mood Stabilizers: Mechanisms of Action*. *Clinical Neuroscience Research*. (4):2004.
17. Levine J, Belmaker RH (eds). *Special Issue: Homocysteine in Psychiatry: State of the Art*. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, Elsevier 29(7):2005.
18. George MS, Belmaker RH (eds). *Transcranial Magnetic Stimulation in Clinical Psychiatry*. APPI Press, Washington DC, 2007.
19. Belmaker RH, Arbelle S (eds). *Special Issue (part 1 and part II): Pediatric Bipolar Disorder*, *Israel Journal of Psychiatry*, 2012.

Chapters in Books and Unrefereed Articles

1. Lamprecht F, Wyatt RJ, Belmaker RH, Cohen S and Pollin W (1973). Plasma dopamine-beta-hydroxylase in identical twins discordant for schizophrenia. In: "New Frontiers in Catecholamine Research", Snyder S and Usdin E (eds) Pergamon Press, New York, pp 1123-1126.
2. Wyatt RJ, Belmaker RH and Murphy DL (1975). Low platelet monoamine oxidase and vulnerability to schizophrenia. In: "Genetics and Psychopharmacology", Mendlewicz J (ed) Karger, Basel, pp 38-56.
3. Belmaker RH and Ebstein RP (1977). The search for genetic polymorphisms of human biogenic amine-related enzymes. In: "The Impact of Biology on Modern Psychiatry", Gershon E, Belmaker RH, Rosenbaum M and Kety SS (eds) Plenum Press, New York, pp 241-260.
4. Ebstein RP and Belmaker RH (1977). A comparison of the effect of lithium and haloperidol on human peripheral beta- adrenergic adenylate cyclase. In: "The Impact of Biology on Modern Psychiatry", Gershon E, Belmaker RH, Rosenbaum M and Kety SS (eds) Plenum Press, New York, pp 27-40.

5. Ebstein RP and Belmaker RH (1979). Lithium and brain adenylate cyclase. In: "Lithium Controversies and Unresolved Issues", Cooper TB, Gershon S, Kline NS and Schou M (eds) , Amsterdam, pp 703-729.
6. Belmaker RH and Ebstein RP (1979). Adenylate cyclase and the mechanism of lithium action. In: "Neuropsychopharmacology", Saletu B (ed) Pergamon Press, Oxford, pp173-184.
7. Belmaker RH and Ebstein RP. Biochemical genetics and platelet MAO (1979). In: "Neuropsychopharmacology", Saletu B (ed) Pergamon Press, Oxford, pp 95-101.
8. Belmaker RH, Dasberg H and Ebstein RP (1980). Does neuroleptic blocking of dopamine receptors continue after chronic treatment? In: "Endogenous Peptides and Centrally Acting Drugs", Prog. Biochem. Pharmacol. Vol. 16, Levy A et al. (eds) S. Karger, Basel, pp 109-118.
9. Belmaker RH, Zohar J and Ebstein RP. Cyclic nucleotides in mental disorders. In: "Advances in Cyclic Nucleotide Research", Vol. 12, Hamet P and Sands H (eds) Raven Press, New York, 1980, pp. 187-197. Citations: 14
10. Ebstein RP, Eliashar S and Belmaker RH (1980). The effect of chronic lithium on adenylate cyclase and dopamine mediated animal behaviors. In: "Neurotransmitters and Mental Diseases", Youdim MBH and Usdin E (eds) John Wiley, New York, pp 395-409.
11. Lerer B, Ebstein RP and Belmaker RH (1980). Receptor mechanisms of lithium action in affective disorders. In: "Neurotransmitters and Their Receptors", Littauer UZ et al. (eds.) John Wiley, New York, pp 149-153.
12. Belmaker RH, Lerer B, Ebstein RP and Dasberg H (1980). The adrenergic receptor as the locus of antidepressant therapy in humans. In: "Neurotransmitters and Their Receptors", Littauer UA et al. (eds), John Wiley, New York, pp 139-147.
13. Bannet J, Belmaker RH and Ebstein RP (1980). Clinical implications of the molecular model of tardive dyskinesia. In: "Neurotransmitters and Their Receptors", Littauer UZ et al. (eds) John Wiley, New York, pp 155-162.
14. Belmaker RH and Van Praag HM (1980). Mania, disease entity or symptom cluster? In: "Mania, An Evolving Concept", Belmaker RH and Van Praag HM (eds) Spectrum Press, New York, pp 1-5.
15. Belmaker RH, Lerer B and Ebstein RP (1981). Noradrenaline, dopamine and mood. In: "Advances in the Biosciences", Vol. 31, "Recent Advances in Neuropsychopharmacology", Angrist B, Burrows GD, Lader M, Lingjaerde O, Sedvall G and Wheatley D (eds) Pergamon, Oxford, pp 17-29.
16. Eisenberg J, Brecher-Fride E, Weizman R, Ebstein RP and Belmaker RH (1981). Lithium and receptors in an animal model of MBD. In: "Developments in Psychiatry", Vol. 5, Biological Psychiatry, 1981, Perris C, Struwe G and Jansson B (eds) Elsevier, Amsterdam, pp 1010- 1018.

17. Belmaker RH, Lerer B, Zohar J and Birmaher B (1981). Comparison of receptor stabilization and adenylate cyclase theories of lithium action. In: "Developments in Psychiatry", Vol. 5, Biological Psychiatry, 1981, Perris C, Struwe G and Jansson B (eds) Elsevier, Amsterdam, pp 636-644.
18. Belmaker RH, Lerer B and Zohar J (1982). Salbutamol treatment of depression. In: "Typical and Atypical Antidepressants", Costa E and Racagni G (eds) Raven Press, New York, pp 181-193.
19. Belmaker RH, Zohar J and Levy A (1982). Unidirectionality of lithium stabilization of adrenergic and cholinergic receptors. In: "Basic Mechanisms of Lithium Action", Emrich HM and Lux HD (eds) Excerpta Medica, Amsterdam, pp 146-153.
20. Zohar J, Ebstein RP and Belmaker RH (1982). Adenylate cyclase as the therapeutic target site of lithium. In: "Basic Mechanisms of Lithium Action", Emrich HM and Lux HD (eds) Excerpta Medica, Amsterdam, pp 154-166.
21. Bannet J and Belmaker RH (1982). Behavioral and biochemical models of dopamine receptor subsensitivity. In: "Behavioral Models and the Analysis of Drug Action", Levy A and Spiegelstein MY (eds) Elsevier, Amsterdam, pp 449-458.
22. Belmaker RH, Lerer B, Klein E and Hamburger R (1982). The use of behavioral methods in the search for compounds with lithium-like activity. In: "Behavioral Models and the Analysis of Drug Action", Levy A, and Spiegelstein MY (eds) Elsevier, Amsterdam, pp 343-356.
23. Newman M, Zohar J, Kalian M and Belmaker RH (1984). Effects of chronic ECT on adenosine receptor systems in the brain. In: "ECT: Basic Mechanisms", Lerer B, Weiner R and Belmaker RH (eds) John Libbey, London, pp 57-61.
24. Ebstein RP, Lerer B, Shlaufman M and Belmaker RH (1984). The effect of repeated electroconvulsive shock treatment on the release of norepinephrine from rat cortical vesicular preparations. In: "ECT: Basic Mechanisms", Lerer B, Weiner R and Belmaker RH (eds) John Libbey, London, pp 62-66.
25. Lerer B, Stanley M and Belmaker RH (1984). ECT and lithium: Parallels and contrasts in receptor mechanisms. In: "ECT: Basic Mechanisms", Lerer B, Weiner R and Belmaker RH. (eds) John Libbey, London, pp 67-78.
26. Belmaker RH, Lerer B and Klein E (1984). A comparison of carbamazepine with lithium in excited psychoses. In: "Anticonvulsants in Affective Disorders", Emrich HM, Okuma T and Muller AA (eds) Elsevier Science Publishers, pp 198-204.
27. Belmaker RH, Stein D, Weinberger D, Potkin S and Wyatt RJ (1984). Cerebrospinal fluid cyclic nucleotides in schizophrenia. In: "Catecholamines: Neuropharmacology and Central Nervous System - Therapeutic Aspects", Usdin E, Carlsson A, Dahlstrom A and Engel J (eds) Alan R. Liss, New York, pp 173-178.
28. Hamburger-Bar R and Belmaker RH (1984). Dose-response relationships of vasopressin effect on conditioned avoidance learning in a rat model of minimal

- brain dysfunction. In: "Symposium on Neuronal Communications", Meyer BJ and Kramer S (eds) AA Balkema, Cape Town, pp 138- 144.
29. Belmaker RH, Zohar J and Newman M (1984). The effects of lithium on adenylate cyclase and neurotransmitter receptors. In: "Symposium on Neuronal Communications", Meyer BJ and Kramer S (eds) AA Balkema, Cape Town, pp 223- 231.
 30. Gologorsky-Chazan S, Golan P, Kugelmass S and Belmaker RH (1984). The effect of lithium treatment in humans on psychophysiological increases and decreases in heart rate. In: "Current Trends in Lithium and Rubidium Therapy", Corsini G (ed), MTP Press, London, pp 263-273.
 31. Belmaker RH, Hamburger-Bar R, Newman M and Bannet J (1984). The effect of rubidium and lithium on adenylate cyclase and neurotransmitter receptors. In: "Current Trends in Lithium and Rubidium Therapy", Corsini G (ed), MTP Press, London, pp 59-75.
 32. Hamburger-Bar R, Gak S and Belmaker RH (1984). The effect of a vasopressin derivative on conditioned avoidance learning in a rat model of minimal brain dysfunction. In: "Biological Psychiatry: Recent Studies", Burrows GD et al (eds) John Libbey, London, pp 108-113.
 33. Belmaker RH, Elami A and Bannet J (1985). Intermittent treatment with droperidol, a short-acting neuroleptic, increases behavioral dopamine receptor sensitivity. In: "Dyskinesia, Research and Treatment", Casey DE, Chase T, Christiansen AV and Gerlach J (ed) pp 194- 199.
 34. Belmaker RH, Eisenberg J, Hamburger R, Mandel B, Chazan S, Shapira Y, Greenberg L, and Shapiro E (1985). Vasopressin effects on learning in 6-OH dopamine treated rats and minimal brain dysfunction children. In: "Psychopharmacology: Impact on Clinical Psychiatry", Morgan DW (ed), Ishiyaku EuroAmerica Inc., St. Louis, Missouri, pp 175-191.
 35. Belmaker RH, Klein E and Dick E (1985). Ethics and psychopharmacologic research. In: "Psychopharmacology: Impact on Clinical Psychiatry", Morgan DW (ed) Ishiyaku EuroAmerica Inc, St. Louis, Missouri, pp 19- 29.
 36. Zohar J, Greenberg D and Belmaker RH (1985). Blood levels of neuroleptic drugs and their relevance for clinical practice. In: "Psychopharmacology: Impact on Clinical Psychiatry", Morgan DW (ed) Ishiyaku EuroAmerica Inc, St. Louis, Missouri, pp 115-138.
 37. Belmaker RH, Klein E and Lerer B (1985). Carbamazepine in excited psychoses. In: "Psychiatry, The State of the Art", Vol. 3: Pharmacopsychiatry, Pichot P, Berner P, Wolf R and Thau K (eds) Plenus Press, New York, pp 485- 489.
 38. Newman M, Belmaker RH, Hamburger-Bar R and Lerer B (1986). Receptor-mediated and independent effects in the actions of lithium and electroconvulsive shock on adenylate cyclase. In: "Drug Receptors and Dynamic

- Processes in Cells", Alfred Benzon Symposium 22, Schou JS, Geisler A, Norn S (eds) Copenhagen, pp 290-301.
39. Zohar J, Lerer B and Belmaker RH (1986). Tricyclic-resistant depression: Responses to receptor manipulation with salbutamol, propranolol, estrogen and vasopressin. In: "Biological Psychiatry 1985", Shagass C et al (eds) Elsevier.
 40. Baron M, Belmaker RH and Risch N (1986). X-linkage and bipolar disorders: New strategies. In: "Biological Psychiatry 1985", Shagass C et al (eds) Elsevier, pp 13-15.
 41. Oppenheim G, Zohar J, Shapira B and Belmaker RH (1987). Estrogen as a possible treatment for women with resistant depression. In: "Treating Resistant Depression", Zohar J and Belmaker RH (eds) Spectrum Press, New York, pp 357-365.
 42. Zohar J, Lerer B and Belmaker RH (1987). Beta-adrenergic agonist as a potential treatment for resistant depression. In: "Treating Resistant Depression", Zohar J and Belmaker RH (eds) Spectrum Press, New York, pp 375- 380.
 43. Schreiber G, Avissar S, Umansky R, Perelman GN and Belmaker RH (1988). Implications of muscarinic receptor heterogeneity for research on tardive dyskinesia. In: "Tardive Dyskinesia: Biological Mechanisms and Clinical Aspects", Wolf ME and Mosnaim AD (eds) APA Press, pp 23-28.
 44. Avissar S, Schreiber G, Danon A and Belmaker RH (1988). Lithium effects on cyclic AMP and phosphatidylinositol metabolism may promote adrenergic-cholinergic balance. In: "New Developments in Lithium Research", Birch NJ (ed) IRL Press, pp 213-216.
 45. Belmaker RH and Roitman G (1988). A clinical trial of demethylchlortetracycline as a lithium-like agent in excited psychoses. In: "Lithium: Inorganic Pharmacology and Psychiatric Use", Birch NJ (ed) IRL Press, pp 191-193.
 46. Avissar S, Schreiber G, Danon A and Belmaker RH (1989). Lithium inhibition of noradrenergic-sensitive adenylate cyclase may be mediated by inhibition of G-protein activation. In: "Progress in Catecholamine Research: Clinical Aspects", Belmaker RH (ed.) Alan R. Liss Inc, pp 23-88.
 47. Belmaker RH, Benjamin J, Kaplan Z and Roitman G (1989). A comparison of theories of lithium action based on phosphatidylinositol metabolism with theories based on cyclic AMP. In: "New Directions in Affective Disorders", Lerer B and Gershon S (eds) Springer-Verlag, New York, pp 134-137.
 48. Belmaker RH, Avissar S, Schreiber G, Kaplan Z, Givant Y, Lichtenberg P and Zohar J (1990). Does the effect of lithium on G-proteins have behavioral correlates? In: "Lithium and Cell Physiology", Bach RO and Gallicchio VS (eds) Springer-Verlag, New York, pp 94-101.
 49. Belmaker RH, Livne A, Agam G, Moscovich D, Grisaru N, Schreiber G, Avissar S, Danon A. and Kofman O (1990). "The role of inositol-1-phosphatase inhibition in

- the mechanism of action of lithium". *Pharmacology & Toxicology* 66 (suppl III): 76-83.
50. Belmaker RH, Zohar J and Klein E (1990). Are the effects of carbamazepine on blood levels of haloperidol clinically relevant? In: "International Clinical Psychopharmacology", Emrich H, Schiwy W and Silverstone T (eds) Clinical Neuroscience Publishers, London, 5 (suppl 1): 67-72.
 51. Kofman O and Belmaker RH (1991). Animal behavioral models of mania and bipolar affective illness. In: "Animal Models of Psychiatric Disorder: Anxiety, Depression and Mania", Soubrie P (ed) Karger, Basel, Vol 3 pp 103-121.
 52. Belmaker RH, Avissar S and Schreiber G (1991). Effects of lithium on human neurotransmitter receptor systems and G-proteins. In: "Lithium and the Cell: Pharmacology and Biochemistry". Birch NJ (ed), Academic Press, Ltd., London, pp 113-119.
 53. Kofman O, Belmaker RH (1991). Oral or ICV injection of compounds that reduce cyclic AMP affect rat behavior. In: *Biological Psychiatry Volume 1*, G Racagni, N Brunello, T Fukuda (eds), Elsevier Science Publishers, Amsterdam, pp 195-196.
 54. Kofman O, Belmaker RH (1991). Intracerebroventricular inositol does not reverse high dose lithium toxicity in rats. *Clinical Neuropharmacology* 13 (suppl 2): 211-212.
 55. Belmaker RH, Revasov A, Bersudsky Y, Kofman O (1992). Inositol passes the blood brain barrier sufficiently to reverse lithium effects on behavior in rats. *Clinical Neuropharmacology* 15 (suppl 1): 606-607.
 56. Kofman O, van Embden S and Belmaker RH (1993). Tetracycline derivatives as potential lithium-like compounds. Birch NJ, Padgham C and Hughes MS (eds), *Lithium in Medicine and Biology*. Marius Press, Lancashire, pp 151-164.
 57. Levine J, Gonsalves M, Belmaker RH (1993). Inositol modulation of second messenger systems: a strategy for psychopharmacology of depression in aging. Bergener M, Belmaker RH and Tropper M (eds) *Psychopharmacotherapy in Old Age*. Springer, New York, pp 254-260.
 58. Bersudsky Y, Vinnitsky I, Grisaru N, Kofman O and Belmaker RH (1993). Dose-response and time-curve of inositol prevention of Li-pilocarpine seizures. *European Neuropsychopharmacology* 3 (special issue): 428-429.
 59. Belmaker RH (1994). Inositol (Plenary Lecture extended abstract). *European Neuropsychopharmacology* 4: 165-166.
 60. Kofman O, Belmaker RH, Mork A and Geisler A (1994). The 4-dedimethylamino derivative of tetracycline loses both ability to block cyclic AMP accumulation and the ability to inhibit rat motor activity. *European Neuropsychopharmacology* 4: 420-421.

61. Grisaru N, Yaroslavsky U, Abarbanel J, Lamberg T, Belmaker RH (1994). Transcranial magnetic stimulation in depression and schizophrenia. *European Neuropsychopharmacology* 4: 287-288.
62. Fleischmann A, Steppel J, Leon A, Belmaker RH (1994). The effect of transcranial magnetic stimulation compared with electroconvulsive shock on rat apomorphine-induced stereotypy. *European Neuropsychopharmacology* 4: 449-450.
63. Levine J, Pomerantz T, Belmaker RH (1994). The effect of inositol on cognitive processes and mood states in normal volunteers. *European Neuropsychopharmacology* 4: 418-419.
64. Barak Y, Levine J and Belmaker RH (1994). The effect of inositol on lithium induced EEG abnormalities. *European Neuropsychopharmacology* 4: 419-420.
65. Bersudsky Y, Mahler O, Kofman O and Belmaker RH (1994). Species differences in susceptibility to Li-pilocarpine seizures. *European Neuropsychopharmacology* 4: 429-430.
66. Agam G, Kofman O and Shapiro J (1994). Icv inositol does not reverse seizures elicited by an inositol monophosphatase inhibitor K-76CONa and pilocarpine. *European Neuropsychopharmacology* 4: 424-425.
67. Agam G, Bersudsky Y and Kofman O (1994). The effect of chronic peripheral administration on Li-pilocarpine seizures and rat brain inositol levels. *European Neuropsychopharmacology* 4: 417.
68. Belmaker RH, Bersudsky Y, Benjamin J, Agam G, Levine J, Kofman O (1995). Manipulation of inositol-linked second messenger systems as a therapeutic strategy in psychiatry. In: Gessa GL, Fratta W, Pani L and Serra G (eds) *Depression and Mania: From Neurobiology to Treatment*. Raven Press, New York pp 67-84.
69. Benjamin J, Agam G, Levine J, Bersudsky Y, Kofman O, Belmaker RH (1995). Inositol treatment in Psychiatry. *Psychopharmacology Bulletin* 31: 167-175.
70. Grisaru N, Abarbanel J, Belmaker RH (1995). Slow magnetic stimulation of motor cortex and frontal lobe in depression and schizophrenia. *Acta Neuropsychiatrica* (special issue). 7: S21-S23.
71. Belmaker RH, Agam G (1995). Social context, the biology of suicide, and second messengers. *Clinical Neuropharmacology* 18 (suppl 3): S34-S38.
72. Belmaker RH, Bersudsky Y, Agam G, Levine J, Kofman O (1996). How does lithium work on manic-depression?: clinical and psychological correlates of the inositol theory. *Annual Review of Medicine: Selected Topics in the Clinical Sciences*. Vol 17, pp 47-56, Annual Reviews Inc, Palo Alto, California, USA.
73. Benjamin J, Fux M, Belmaker RH (1996). Time course of inositol treatment of panic disorder. *European Neuropsychopharmacology* 6 (suppl 4): S48-S49.

74. Benjamin J, Ebstein RP, Belmaker RH (1997). Personality Genetics. *Isr J Psychiatry Rel Sci* 34: 270-280.
75. Hertz L, Wolfson M, Hertz E, Agam G, Richards M and Belmaker RH (1997). Lithium-inositol interactions: synthesis, uptake turnover. In: Honig A, Ansseau M, van Praag HM (eds). *Depression: Neurobiological, Psychopathological and Therapeutic Advances*, pp 519-534. John Wiley and Sons Ltd, England.
76. Belmaker RH, Grisaru N, Ben-Shahar D, Klein E (1997). The effects of TMS on animal models of depression, β -adrenergic receptors, and brain monoamines. *CNS Spectrums* 2: 26-30.
77. Belmaker RH, Grisaru N. (1998) Magnetic stimulation of the brain in animal depression models responsive to ECS. *Journal of ECT* 14:194-205.
78. Nemanov L, Ebstein RP, Shamir A, Atack JR, Levine J, Osher Y, Belmaker RH, Agam G. Effects of bipolar disorder and lithium treatment on inositol monophosphatase transcription and translation. In: Birch NJ, Gallicchio VS, Becker RW (eds). *Lithium: 50 Years of Psychopharmacology*. Weidner Publishing, Cheshire, Connecticut, 1999 pp 116-135.
79. Pridmore S, Belmaker RH (1999). TMS treatment of psychiatric disorder. *Psychiatry and Clinical Neuroscience* 53:541-548.
80. Bersudsky Y, Einat H, Stahl Z, Belmaker RH (1999). Epi-inositol and inositol depletion: two new treatment approaches in affective disorder. *Current Psychiatry* 1:141-147.
81. Grisaru N, Chudakov B, Yaroslavsky Y, Belmaker RH. Is TMS therapeutic in mania as well as depression? In: Paulus W, Hallett M, Rossini PM and Rothwell JC (eds.). *Transcranial Magnetic Stimulation*. Elsevier, Netherlands, 1999, pp 299-303.
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