

## Prof. MAYDA GÜRSEL

### Personal Information

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### Education Information

Doctorate, University of London-The School of Pharmacy, Immunoloji, United Kingdom 1993 - 1995

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2016 - Continues  
Associate Professor, Middle East Technical University, Faculty Of Arts And Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 2006 - Continues

### Advising Theses

- GÜRSEL M., Characterization of leishmania RNA virus infected leishmania major exosomes and evaluation of the impact of cytosolic DNA sensing related pathways in L. Major infection, Doctorate, İ.Cem(Student), 2020
- GÜRSEL M., The contribution of kinetoplast DNA to Leishmania major experimental infection and evaluation of Leishmania extracellular vesicle based vaccine against cutaneous Leishmaniasis in BALB/C mice, Doctorate, İ.Cihan(Student), 2019
- GÜRSEL M., Characterization of intravenous immunoglobulin-mediated functional changes in innate immune cells, Postgraduate, B.Geçkin(Student), 2019
- GÜRSEL M., Characterization of STING mediated innate immune sensing in the context of pathology, Postgraduate, H.ASENA(Student), 2018
- GÜRSEL M., Immune modulatory effects of pediococcus pentosaceus derived membrane vesicles: Mechanism of action and therapeutic applications, Doctorate, E.ALPDÜNDAR(Student), 2018
- GÜRSEL M., Effect of immunosuppressive oligodeoxynucleotide A151 on inflammasome activation pathways, Postgraduate, N.SÜRÜCÜ(Student), 2017
- GÜRSEL M., Immunomodulatory activities of RNA species derived from commensal and pathogenic bacteria, Postgraduate, B.KAYAOĞLU(Student), 2017
- GÜRSEL M., Vaccine adjuvant applications of cpg ODN nanorings and development of Leishmania extracellular vesicle based cutaneous leishmaniasis vaccine, Doctorate, B.GÜNGÖR(Student), 2017
- GÜRSEL M., Characterisation of immune responses in type I interferon associated diseases, Postgraduate, E.GÜL(Student), 2016
- GÜRSEL M., Differential activation of immune cells by commensal versus pathogen-derived bacterial DNA, Postgraduate, S.Günel(Student), 2015
- ÖZEN C., GÜRSEL M., Peptidomic characterization and bioactivity screening of Leishmania abdullahbayrami

(Scorpiones:Buthidae) venom, Postgraduate, E.ERDEŞ(Student), 2015

GÜRSEL M., Differential activation of immune cells by commensal versus pathogen-derived DNA, Postgraduate, S.GÜNALP(Student), 2015

GÜRSEL M., ATR-FTIR evaluation of structural and functional changes on murine macrophage cells upon activation and suppression by immunotherapeutic oligodeoxynucleotides, Postgraduate, E.SPAHİU(Student), 2015

ÖZEN C., GÜRSEL M., Peptidomic characterization and bioactivity screening of *Leiurus abduhbayrami* (scorpiones: buthidae) venom /, Postgraduate, E.Erdeş(Student), 2015

GÜRSEL M., Differential activation of immune cells by commensal versus pathogen-derived bacterial RNA, Postgraduate, M.ÖZCAN(Student), 2014

GÜRSEL M., Immunotherapeutic applications of nucleic acid based tlr agonists and antagonists, Doctorate, F.CEM(Student), 2014

ÖZCENGİZ G., GÜRSEL M., A study on induction of minicell formation by FTSZ overproducing L-form *E. coli*, Postgraduate, İ.CEM(Student), 2014

GÜRSEL M., Immunomodulatory effects of commensal bacteria-derived membrane vesicles, Postgraduate, E.ALPDÜNDAR(Student), 2013

GÜRSEL M., Cyclic-di-GMP based immune stimulatory formulations as vaccine adjuvants, Postgraduate, S.YILDIZ(Student), 2013

GÜRSEL M., Determination of immune stimulatory properties of synthetic CpG oligodeoxynucleotide / cationic peptide complex, Postgraduate, B.Güngör(Student), 2012

GÜRSEL M., Determination of immune stimulatory properties of synthetic CpG oligodeoxynucleotide/cationic peptide complexes, Postgraduate, B.GÜNGÖR(Student), 2012

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Low Density Granulocytes and Dysregulated Neutrophils Driving Autoinflammatory Manifestations in NEMO Deficiency**  
Yilmaz N. S. , Eltan S. B. , KAYAOĞLU B., Geckin B., Heredia R. J. , Sefer A. P. , KIYKIM A., Nain E., Kasap N., DOĞRU Ö., et al.  
JOURNAL OF CLINICAL IMMUNOLOGY, vol.42, no.3, pp.582-596, 2022 (Journal Indexed in SCI)
- II. **Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency**  
Sefer A. P. , Abolhassani H., Ober F., KAYAOĞLU B., Eltan S. B. , Kara A., ERMAN B., Yilmaz N. S. , Aydogmus C., Aydemir S., et al.  
JOURNAL OF CLINICAL IMMUNOLOGY, vol.42, no.3, pp.634-652, 2022 (Journal Indexed in SCI)
- III. **The silent and dangerous inequity around access to COVID-19 testing: A call to action Comment**  
Batista C., Hotez P., Ben Amor Y., Kim J. H. , Kaslow D., Lall B., Ergonul O., Figueroa J. P. , GÜRSEL M., Hassanain M., et al.  
ECLINICALMEDICINE, vol.43, 2022 (Journal Indexed in SCI)
- IV. **Development and preclinical evaluation of virus-like particle vaccine against COVID-19 infection**  
YILMAZ İ. C. , İPEKOĞLU E. M. , Bulbul A., Turay N., Yildirim M., Evcili I., Yilmaz N. S. , Guvencli N., Aydin Y., Gungor B., et al.  
ALLERGY, vol.77, no.1, pp.258-270, 2022 (Journal Indexed in SCI)
- V. **COVID-19 Vaccine Inequity: High time to calibrate the global moral compass**  
GÜRSEL M.  
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, no.12, pp.2705-2707, 2021 (Journal Indexed in SCI)
- VI. **Achieving global equity for COVID-19 vaccines: Stronger international partnerships and greater advocacy and solidarity are needed**  
Figueroa J. P. , Hotez P. J. , Batista C., Ben Amor Y., Ergonul O., Gilbert S., GÜRSEL M., Hassanain M., Kang G., Kaslow D. C. , et al.  
PLOS MEDICINE, vol.18, no.9, 2021 (Journal Indexed in SCI)
- VII. **Global public health security and justice for vaccines and therapeutics in the COVID-19 pandemic**

Hotez P. J., Batista C., Ben Amor Y., Ergonul O., Figueroa J. P., Gilbert S., GÜRSEL M., Hassanain M., Kang G., Kaslow D. C., et al.

ECLINICALMEDICINE, vol.39, 2021 (Journal Indexed in SCI)

- VIII. **Operation Warp Speed: implications for global vaccine security**  
Kim J. H., Hotez P., Bottazzi M. E., Lall B., Sheahan T., Shoham S., Yadav P., Batista C., Ergonul O., GÜRSEL M., et al.  
LANCET GLOBAL HEALTH, vol.9, no.7, 2021 (Journal Indexed in SCI)
- IX. **Urgent needs to accelerate the race for COVID-19 therapeutics**  
Batista C., Shoham S., Ergonul O., Hotez P., Bottazzi M. E., Figueroa P., Gilbert S., GÜRSEL M., Hassanain M., Kang G., et al.  
ECLINICALMEDICINE, vol.36, 2021 (Journal Indexed in SCI)
- X. **Beyond the jab: A need for global coordination of pharmacovigilance for COVID-19 vaccine deployment Comment**  
Naniche D., Hotez P., Bottazzi M. E., Ergonul O., Figueroa J. P., Gilbert S., GÜRSEL M., Hassanain M., Kang G., Kaslow D., et al.  
ECLINICALMEDICINE, vol.36, 2021 (Journal Indexed in SCI)
- XI. **Stepwise Reversal of Immune Dysregulation Due to STAT1 Gain-of-Function Mutation Following Ruxolitinib Bridge Therapy and Transplantation**  
KAYAOĞLU B., Kasap N., Yilmaz N. S., Charbonnier L. M., Geckin B., Akcay A., Eltan S. B., Ozturk G., ÖZEN A. O., Karakoc-Aydiner E., et al.  
JOURNAL OF CLINICAL IMMUNOLOGY, vol.41, no.4, pp.769-779, 2021 (Journal Indexed in SCI)
- XII. **Correcting COVID-19 vaccine misinformation Lancet Commission on COVID-19 Vaccines and Therapeutics Task Force Members**  
Hotez P., Batista C., Ergonul O., Figueroa J. P., Gilbert S., GÜRSEL M., Hassanain M., Kang G., Kim J. H., Lall B., et al.  
ECLINICALMEDICINE, vol.33, 2021 (Journal Indexed in SCI)
- XIII. **Urgent needs of low-income and middle-income countries for COVID-19 vaccines and therapeutics**  
Figueroa J. P., Bottazzi M. E., Hotez P., Batista C., Ergonul O., Gilbert S., GÜRSEL M., Hassanain M., Kim J. H., Lall B., et al.  
LANCET, vol.397, no.10274, pp.562-564, 2021 (Journal Indexed in SCI)
- XIV. **Dual-adjuvant effect of pH-sensitive liposomes loaded with STING and TLR9 agonists regress tumor development by enhancing Th1 immune response.**  
Kocabas B., Almacioglu K., Bulut E. A., Gucluler G., Tincer G., Bayik D., GÜRSEL M., GÜRSEL İ.  
Journal of controlled release : official journal of the Controlled Release Society, vol.328, pp.587-595, 2020 (Journal Indexed in SCI Expanded)
- XV. **Human Gut Commensal Membrane Vesicles Modulate Inflammation by Generating M2-like Macrophages and Myeloid-Derived Suppressor Cells**  
Bulut E. A., Kocabas B., Yazar V., Aykut G., GÜLER Ü., SALİH B., Yilmaz N. S., AYANOĞLU İ. C., Polat M. M., AKÇALI K. C., et al.  
JOURNAL OF IMMUNOLOGY, vol.205, no.10, pp.2707-2718, 2020 (Journal Indexed in SCI)
- XVI. **Is global BCG vaccination-induced trained immunity relevant to the progression of SARS-CoV-2 pandemic?**  
GÜRSEL M., GÜRSEL İ.  
ALLERGY, vol.75, no.7, pp.1815-1819, 2020 (Journal Indexed in SCI)
- XVII. **Autoinflammation in addition to combined immunodeficiency: SLC29A3 gene defect**  
Cagdas D., Surucu N., TAN Ç., ÖZGÜL R. K., Akkaya-Ulum Y. Z., Aydinoglu A. T., Aytac S., GÜMRÜK F., Balci-Hayta B., Balci-Peynircioglu B., et al.  
MOLECULAR IMMUNOLOGY, vol.121, pp.28-37, 2020 (Journal Indexed in SCI)
- XVIII. **A suppressive oligodeoxynucleotide expressing TTAGGG motifs modulates cellular energetics through the mTOR signaling pathway**  
Yazar V., Kilic G., Bulut O., Yildirim T. C., Yagci F. C., Aykut G., Klinman D. M., GÜRSEL M., Gursel I.  
INTERNATIONAL IMMUNOLOGY, vol.32, no.1, pp.39-48, 2020 (Journal Indexed in SCI)
- XIX. **Type I IFN-related NETosis in ataxia telangiectasia and Artemis deficiency**

Gul E., Sayar E. H. , Gungor B., Eroglu F. K. , Surucu N., Keleş S., Güner Ş. N. , Findik S., Alpdundar E., Ayanoğlu İ. C. , et al.

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY, vol.142, pp.246-257, 2018 (Journal Indexed in SCI)

- XX. **Encapsulation of two different TLR ligands into liposomes confer protective immunity and prevent tumor development**  
Bayyurt B., Tincer G., Almacioglu K., Alpdundar E., GÜRSEL M., GÜRSEL İ.  
Journal of Controlled Release, vol.247, pp.134-144, 2017 (Journal Indexed in SCI Expanded)
- XXI. **Impaired toll like receptor-7 and 9 induced immune activation in chronic spinal cord injured patients contributes to immune dysfunction**  
Gucluler G., Adiguzel E., Gungor B., Kahraman T., GÜRSEL M., Yilmaz B., GÜRSEL İ.  
PLOS ONE, vol.12, no.2, 2017 (Journal Indexed in SCI)
- XXII. **Circulating LL37 targets plasma extracellular vesicles to immune cells and intensifies Behcet's disease severity**  
Kahraman T., Gucluler G., ŞİMŞEK İ., Yagci F. C. , Yildirim M., ÖZEN C., DİNÇ A., GÜRSEL M., Ikromzoda L., Sutlu T., et al.  
JOURNAL OF EXTRACELLULAR VESICLES, vol.6, 2017 (Journal Indexed in SCI)
- XXIII. **Intestinal Microbiota in Patients with Spinal Cord Injury**  
Gungor B., Adiguzel E., Gürsel İ., Yilmaz B., Gürsel M.  
PLOS ONE, vol.11, 2016 (Journal Indexed in SCI)
- XXIV. **Enhanced immunostimulatory activity of cyclic dinucleotides on mouse cells when complexed with a cell-penetrating peptide or combined with CpG**  
Yildiz S., Alpdundar E., Gungor B., Kahraman T., Bayyurt B., GÜRSEL İ., GÜRSEL M.  
European Journal of Immunology, vol.45, no.4, pp.1170-1179, 2015 (Journal Indexed in SCI Expanded)
- XXV. **Forging a potent vaccine adjuvant: CpG ODN/cationic peptide nanorings**  
Gungor B., Yagci F. C. , GÜRSEL İ., GÜRSEL M.  
ONCOIMMUNOLOGY, vol.3, no.7, 2014 (Journal Indexed in SCI)
- XXVI. **CpG ODN nanorings induce IFN $\alpha$  from plasmacytoid dendritic cells and demonstrate potent vaccine adjuvant activity**  
Gungor B., Yagci F. C. , Tincer G., Bayyurt B., Alpdundar E., Yildiz S., Ozcan M., GÜRSEL İ., GÜRSEL M.  
Science Translational Medicine, vol.6, no.235, 2014 (Journal Indexed in SCI Expanded)
- XXVII. **Anticarcinogenic Effects of the Ethanolic Extract of Salix aegyptiaca in Colon Cancer Cells: Involvement of Akt/PKB and MAPK Pathways**  
Enayat S., Ceyhan M. S. , BAŞARAN A. A. , GÜRSEL M., BANERJEE S.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.65, no.7, pp.1045-1058, 2013 (Journal Indexed in SCI)
- XXVIII. **Plasmacytoid Dendritic Cell Response to CpG ODN Correlates with CXCL16 Expression and Is Inhibited by ox-LDL**  
GÜRSEL M., Klinman D. M. , GÜRSEL İ.  
MEDIATORS OF INFLAMMATION, 2013 (Journal Indexed in SCI)
- XXIX. **Activation of type I interferon-dependent genes characterizes the "core response" induced by CpG DNA.**  
Steinhagen F., Meyer C., Tross D., Gursel M., Maeda T., Klaschik S., Klinman D.  
Journal of leukocyte biology, vol.92, pp.775-85, 2012 (Journal Indexed in SCI Expanded)
- XXX. **Differential immune activation following encapsulation of immunostimulatory CpG oligodeoxynucleotide in nanoliposomes.**  
Erikçi E., Gursel M., Gürsel İ.  
Biomaterials, vol.32, pp.1715-23, 2011 (Journal Indexed in SCI Expanded)
- XXXI. **Mammalian telomeric DNA suppresses endotoxin-induced uveitis.**  
Yagci F., Aslan O., Gursel M., Tincer G., Ozdamar Y., Karatepe K., Akcali K., Gursel İ.  
The Journal of biological chemistry, vol.285, pp.28806-11, 2010 (Journal Indexed in SCI Expanded)
- XXXII. **Immune regulatory roles of microparticles in autoimmune and allergic diseases**

- Kahraman T, Simsek I, GÜRSEL M, Hakan E, Pay S, Dinc A, Gay S, Kocabas C, Ozcan C, Civelek E, et al.  
JOURNAL OF IMMUNOLOGY, vol.184, 2010 (Journal Indexed in SCI)
- XXXIII. **Immunoregulatory Activities of Self-Nanoparticle Forming CpG ODN**  
GÜRSEL M, Tincer G, Karatepe K, GÜRSEL M.  
JOURNAL OF IMMUNOLOGY, vol.184, 2010 (Journal Indexed in SCI)
- XXXIV. **Rapid differentiation of MSC into adipocytes and osteocytes is facilitated by Toll-Like receptor engagement**  
Tas I, Tokcaer-Keskin Z, Ayhan F, GÜRSEL M, Akcali K, GÜRSEL M.  
JOURNAL OF IMMUNOLOGY, vol.184, 2010 (Journal Indexed in SCI)
- XXXV. **CXCL16 influences the nature and specificity of CpG-induced immune activation.**  
Gursel M, Gursel I, Mostowski H, Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.177, pp.1575-80, 2006 (Journal Indexed in SCI Expanded)
- XXXVI. **Effect of plasmid backbone modification by different human CpG motifs on the immunogenicity of DNA vaccine vectors.**  
Coban C, Ishii K, Gursel M, Klinman D, Kumar N.  
Journal of leukocyte biology, vol.78, pp.647-55, 2005 (Journal Indexed in SCI Expanded)
- XXXVII. **Suppressive oligodeoxynucleotides protect mice from lethal endotoxic shock.**  
Shirota H, Gursel I, Gursel M, Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.174, pp.4579-83, 2005 (Journal Indexed in SCI Expanded)
- XXXVIII. **CpG RNA: identification of novel single-stranded RNA that stimulates human CD14+CD11c+ monocytes.**  
Sugiyama T, Gursel M, Takeshita F, Coban C, Conover J, Kaisho T, Akira S, Klinman D, Ishii K.  
Journal of immunology (Baltimore, Md. : 1950), vol.174, pp.2273-9, 2005 (Journal Indexed in SCI Expanded)
- XXXIX. **CpG oligodeoxynucleotides enhance neonatal resistance to Listeria infection.**  
Ito S, Ishii K, Gursel M, Shirotra H, Ihata A, Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.174, pp.777-82, 2005 (Journal Indexed in SCI Expanded)
- XL. **Suppressive oligodeoxynucleotides inhibit Th1 differentiation by blocking IFN-gamma- and IL-12-mediated signaling.**  
Shirota H, Gursel M, Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.173, pp.5002-7, 2004 (Journal Indexed in SCI Expanded)
- XLI. **Immunotherapeutic utility of stimulatory and suppressive oligodeoxynucleotides.**  
Ishii K, Gursel I, Gursel M, Klinman D.  
Current opinion in molecular therapeutics, vol.6, pp.166-74, 2004 (Journal Indexed in SCI Expanded)
- XLII. **Signal transduction pathways mediated by the interaction of CpG DNA with Toll-like receptor 9.**  
Takeshita F, Gursel I, Ishii K, Suzuki K, Gursel M, Klinman D.  
Seminars in immunology, vol.16, pp.17-22, 2004 (Journal Indexed in SCI Expanded)
- XLIII. **Regulation of CpG-induced immune activation by suppressive oligodeoxynucleotides.**  
Klinman D, Zeuner R, Yamada H, Gursel M, Currie D, Gursel I.  
Annals of the New York Academy of Sciences, vol.1002, pp.112-23, 2003 (Journal Indexed in SCI Expanded)
- XLIV. **Repetitive elements in mammalian telomeres suppress bacterial DNA-induced immune activation.**  
Gursel I, Gursel M, Yamada H, Ishii K, Takeshita F, Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.171, pp.1393-400, 2003 (Journal Indexed in SCI Expanded)
- XLV. **Influence of stimulatory and suppressive DNA motifs on host susceptibility to inflammatory arthritis.**  
Zeuner R, Verthelyi D, Gursel M, Ishii K, Klinman D.  
Arthritis and rheumatism, vol.48, pp.1701-7, 2003 (Journal Indexed in SCI Expanded)
- XLVI. **CpG oligodeoxynucleotides protect normal and SIV-infected macaques from Leishmania infection.**  
Verthelyi D, Gursel M, Kenney R, Lifson J, Liu S, Mican J, Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.170, pp.4717-23, 2003 (Journal Indexed in SCI Expanded)
- XLVII. **Response of peripheral blood mononuclear cells from lupus patients to stimulation by CpG oligodeoxynucleotides.**  
Zeuner R, Klinman D, Illei G, Yarboro C, Ishii K, Gursel M, Verthelyi D.

- Rheumatology (Oxford, England), vol.42, pp.563-9, 2003 (Journal Indexed in SCI Expanded)
- XLVIII. **Effect of suppressive DNA on CpG-induced immune activation.**  
Yamada H., Gursel I., Takeshita F., Conover J., Ishii K., Gursel M., Takeshita S., Klinman D.  
Journal of immunology (Baltimore, Md. : 1950), vol.169, pp.5590-4, 2002 (Journal Indexed in SCI Expanded)
- XLIX. **CpG oligodeoxynucleotides induce human monocytes to mature into functional dendritic cells.**  
Gursel M., Verthelyi D., Klinman D.  
European journal of immunology, vol.32, pp.2617-22, 2002 (Journal Indexed in SCI Expanded)
- L. **Potential role of phosphatidylinositol 3 kinase, rather than DNA-dependent protein kinase, in CpG DNA-induced immune activation.**  
Ishii K., Takeshita F., Gursel I., Gursel M., Conover J., Nussenzweig A., Klinman D.  
The Journal of experimental medicine, vol.196, pp.269-74, 2002 (Journal Indexed in SCI Expanded)
- LI. **CpG DNA: recognition by and activation of monocytes.**  
Klinman D., Takeshita F., Gursel I., Leifer C., Ishii K., Verthelyi D., Gursel M.  
Microbes and infection, vol.4, pp.897-901, 2002 (Journal Indexed in SCI Expanded)
- LII. **Differential and competitive activation of human immune cells by distinct classes of CpG oligodeoxynucleotide**  
GÜRSEL M., Verthelyi D., Gursel I., Ishii K., Klinman D.  
JOURNAL OF LEUKOCYTE BIOLOGY, vol.71, no.5, pp.813-820, 2002 (Journal Indexed in SCI)
- LIII. **Cutting edge: Role of toll-like receptor 9 in CpG DNA-induced activation of human cells**  
Takeshita F., Leifer C., Gursel I., Ishii K., Takeshita S., Gursel M., Klinman D.  
JOURNAL OF IMMUNOLOGY, vol.167, no.7, pp.3555-3558, 2001 (Journal Indexed in SCI)
- LIV. **Sterically stabilized cationic liposomes improve the uptake and immunostimulatory activity of CpG oligonucleotides**  
Gursel I., Gursel M., Ishii K., Klinman D.  
JOURNAL OF IMMUNOLOGY, vol.167, no.6, pp.3324-3328, 2001 (Journal Indexed in SCI)
- LV. **Human peripheral blood cells differentially recognize and respond to two distinct CpG motifs**  
Verthelyi D., Ishii K., Gursel M., Takeshita F., Klinman D.  
JOURNAL OF IMMUNOLOGY, vol.166, no.4, pp.2372-2377, 2001 (Journal Indexed in SCI)
- LVI. **Activation of the innate immune system by CpG oligodeoxynucleotides: immunoprotective activity and safety**  
Klinman D., Kamstrup S., Verthelyi D., Gursel I., Ishii K., Takeshita F., Gursel M.  
SPRINGER SEMINARS IN IMMUNOPATHOLOGY, vol.22, pp.173-183, 2000 (Journal Indexed in SCI)
- LVII. **Immunotherapeutic applications of CpG-containing oligodeoxynucleotides**  
Klinman D., Ishii K., Gursel M., Gursel I., Takeshita S., Takeshita F.  
DRUG NEWS & PERSPECTIVES, vol.13, no.5, pp.289-296, 2000 (Journal Indexed in SCI)
- LVIII. **Immuno-adjvant action of plasmid DNA in liposomes**  
Gursel M., Tunca S., Ozkan M., Ozcengiz G., Alaeddinoglu G.  
VACCINE, vol.17, pp.1376-1383, 1999 (Journal Indexed in SCI)
- LIX. **The immunological co-adjvant action of liposomal interleukin-2: The role of mode of localisation of the cytokine and antigen in the vesicles**  
Gursel M., Gregoriadis G.  
JOURNAL OF DRUG TARGETING, vol.5, no.2, pp.93-98, 1998 (Journal Indexed in SCI)
- LX. **Interleukin-15 acts as an immunological co-adjvant for liposomal antigen in vivo**  
Gursel M., Gregoriadis G.  
IMMUNOLOGY LETTERS, vol.55, no.3, pp.161-165, 1997 (Journal Indexed in SCI)
- LXI. **Liposomes as immunological adjuvants and vaccine carriers**  
Gregoriadis G., Gursel I., GÜRSEL M., McCormack B.  
JOURNAL OF CONTROLLED RELEASE, vol.41, pp.49-56, 1996 (Journal Indexed in SCI)
- LXII. **INFLUENCE OF MEMBRANE-COMPONENTS ON THE STABILITY AND DRUG-RELEASE PROPERTIES OF REVERSE-PHASE EVAPORATION VESICLES (REVS) - LIGHT-SENSITIVE ALL-TRANS RETINAL, NEGATIVELY CHARGED PHOSPHOLIPID DICETYLPHOSPHATE AND CHOLESTEROL**

GURSEL M., HASIRCI V.

JOURNAL OF MICROENCAPSULATION, vol.12, no.6, pp.661-669, 1995 (Journal Indexed in SCI)

**LXIII. A NONIONIC SURFACTANT VESICLE-IN-WATER-IN-OIL (V/W/O) SYSTEM - POTENTIAL USES IN DRUG AND VACCINE DELIVERY**

YOSHIOKA T., SKALKO N., GURSEL M., GREGORIADIS G., FLORENCE A.

JOURNAL OF DRUG TARGETING, vol.2, no.6, pp.533-539, 1995 (Journal Indexed in SCI)

## Articles Published in Other Journals

**I. Could Individuals From Countries Using BCG Vaccination Be Resistant to SARS-COV-2 Induced Infections?**

AYANOĞLU İ. C. , İPEKOĞLU E. M. , Yazar V., Yılmaz I. C. , GÜRSEL M., GÜRSEL M.

TURKISH JOURNAL OF IMMUNOLOGY, vol.8, no.1, pp.29-36, 2020 (Journal Indexed in ESCI)

**II. Development of CpG ODN Based Vaccine Adjuvant Formulations.**

Gursel M., Gursel I.

Methods in molecular biology (Clifton, N.J.), vol.1404, pp.289-98, 2016 (Refereed Journals of Other Institutions)

**III. Biological properties of extracellular vesicles and their physiological functions**

Yanez-Mo M., Siljander P. R. -, Andreu Z., Zavec A. B. , Borrás F. E. , Buzas E. I. , Buzas K., Casal E., Cappello F., Carvalho J., et al.

JOURNAL OF EXTRACELLULAR VESICLES, vol.4, 2015 (Journal Indexed in ESCI)

**IV. Interleukin-15 acts as an immunological co-adjuvant for liposomal antigen in vivo**

GÜRSEL M., Gregoriadis G.

Proceedings of the Controlled Release Society, no.24, pp.1047-1048, 1997 (Refereed Journals of Other Institutions)

**V. Immunoadjuvant action of liposomes containing interleukin-2 as a co-adjuvant**

Gursel M., Gregoriadis G.

Proceedings of the Controlled Release Society, no.22, pp.572-573, 1995 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

**I. Role of cytosolic innate immune sensing pathways in Leishmania major infection**

Yılmaz I. C. , Gursel M.

17th International Congress of Immunology of the International-Union-of-Immunological-Societies (IUIS), Beijing, China, 19 - 23 October 2019, vol.49, pp.1202

**II. Functional analysis of inflammation associated parameters in a case of NEMO deficiency before and after HSCT**

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