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International Researcher IDs

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Education Information

Doctorate, Erasmus Universiteit Rotterdam, Molecular Medicine, Netherlands 2005 - 2010

Undergraduate, Erasmus Universiteit Rotterdam, Tıp, Netherlands 1994 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Radioprotective agents stimulating hematopoietic stem cell reconstitution. A translational approach., Erasmus Universiteit Rotterdam, Erasmus Medical Center, Molecular Medicine, 2010

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology

Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2021 - Continues

Assistant Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2015 - 2021

Lecturer PhD, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2011 - 2015

Courses

KÖK HÜCRE LABORATUVAR YÖNTEMLERİ I, Doctorate, 2019 - 2020, 2018 - 2019

Mecmua Klubu I, Doctorate, 2019 - 2020, 2018 - 2019

REJENARATİF TIPTA KÖK HÜCRE VE GEN TEDAVİLERİ, Doctorate, 2019 - 2020

Advising Theses

- Aerts Kaya F. S. F., Optimization of Hematopoietic Stem Cell Gene Therapy Culture Conditions and Engraftment , Postgraduate, M.Emin(Student), 2021
- Aerts Kaya F. S. F., Assessment of the role and antioxidative and antiapoptotic effects of delta-opioid peptide d-ala2-leu5-enkephalin on the viability of hematopoietic stem cells, Postgraduate, A.MAMMADOVA(Student), 2019
- Aerts Kaya F. S. F., Yanık T., Assessment of the role of neuropeptide y in the regulation of hematopoietic stem cells, Doctorate, B.ULUM(Student), 2019
- Aerts Kaya F. S. F., Griscelli sendromu uyarılmış pluripotent kök hücre geliştirilmesi, karakterizasyonu ve in vitro hematopoetik farklılaşması, Doctorate, G.ESKEN(Student), 2018
- Aerts Kaya F. S. F., Değişik kaynaklı MKH'lerin detaylı karakterizasyonu, lenfohematopoezi destekleyici özellikleri ve izolasyonunda cd271 antijeninin önemi, Doctorate, G.AYDIN(Student), 2018
- Aerts Kaya F. S. F., Özbek E., Isı Şok Protein 10 (Hsp10)'un Mezenkimal Kök Hücrelerin İmmün Modülasyonundaki Rolünün Araştırılması, Postgraduate, A.SARIKAYA(Student), 2018
- Aerts Kaya F. S. F., Analyse de la Niche Hematopoietique Humaine: Expression de PDGF et de son Recepteur., Postgraduate, G.Güney(Student), 2014

Jury Memberships

- Post Graduate, Post Graduate, Hacettepe Üniversitesi, August, 2021
- Post Graduate, Post Graduate, Hacettepe Üniversitesi, August, 2021
- Post Graduate, Post Graduate, Hacettepe Üniversitesi, September, 2020
- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, August, 2020
- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, August, 2020
- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, August, 2019
- Post Graduate, Post Graduate, Hacettepe Üniversitesi, August, 2019
- Post Graduate, Post Graduate, Hacettepe Üniversitesi, July, 2019
- Doctorate, Doctorate, Hacettepe Üniversitesi, June, 2019
- Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, January, 2019
- Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, January, 2019
- Doctorate, Doctorate, Hacettepe Üniversitesi, October, 2018
- Doctorate, Doctorate, Hacettepe Üniversitesi, July, 2018
- Post Graduate, Post Graduate, İhsan Doğramacı Bilkent Üniversitesi, July, 2018
- Post Graduate, Post Graduate, Sakarya Üniversitesi, April, 2018
- Doctorate, Doctorate, Hacettepe Üniversitesi, January, 2018
- Doctorate, Doctorate, Hacettepe Üniversitesi, March, 2017
- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2016
- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2016
- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, September, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Bone marrow mesenchymal stromal cells support regeneration of intestinal damage in a colitis mouse model, independent of their CXCR4 expression**
Pervin B., Gizer M., Şeker M. E., Erol Ö. D., Gür S. N., Polat E. G., Degirmenci B., Korkusuz P., Aerts Kaya F. S. F. CLINICAL AND TRANSLATIONAL SCIENCE, vol.2024, no.17(5), pp.1-13, 2024 (SCI-Expanded)
- II. **The Role of Rab GTPases in the development of genetic and malignant diseases.**
Erol Ö. D., Şenocak Ş., Aerts-Kaya F. S. F. Molecular and cellular biochemistry, vol.479, no.2, pp.255-281, 2024 (SCI-Expanded)

- III. **Gene and Cellular Therapies for Leukodystrophies**
Aerts Kaya F. S. F., Van Til N. P.
PHARMACEUTICS, vol.15, no.11, pp.1-25, 2023 (SCI-Expanded)
- IV. **Comparison of immune modulatory properties of human multipotent mesenchymal stromal cells derived from bone marrow and placenta**
Sarikaya A., Aydin G., Ozyuncu O., Sahin E., Çetinkaya F. D., Aerts Kaya F. S. F.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.2, pp.79-89, 2022 (SCI-Expanded)
- V. **Global miRNA expression of bone marrow mesenchymal stem/stromal cells derived from Fanconi anemia patients**
Cagnan I., Keles M., Keskus A. G., Tombaz M., ŞAHAN Ö. B., AERTS KAYA F. S. F., ÇETİNKAYA F. D., KONU KARAKAYALI Ö., ÖZCAN A.
HUMAN CELL, vol.35, no.1, pp.111-124, 2022 (SCI-Expanded)
- VI. **Effects of storage media, supplements and cryopreservation methods on quality of stem cells**
Erol O. D., Pervin B., Seker M. E., Aerts-Kaya F. S. F.
WORLD JOURNAL OF STEM CELLS, vol.13, no.9, 2021 (SCI-Expanded)
- VII. **Development, characterization, and hematopoietic differentiation of Griscelli syndrome type 2 induced pluripotent stem cells.**
Güney-Esken G., Erol Ö. D., Pervin B., Gürhan Sevinç G., Önder T., Bilgiç E., Korkusuz P., Günel-Özcan A., Uçkan-Çetinkaya D., Aerts-Kaya F. S. F.
Stem cell research & therapy, vol.12, no.1, pp.287, 2021 (SCI-Expanded)
- VIII. **Stem Cell Applications in Lysosomal Storage Disorders: Progress and Ongoing Challenges.**
Köse S., Aerts-Kaya F. S. F., Uçkan Çetinkaya D., Korkusuz P.
Advances in experimental medicine and biology, vol.1347, pp.135-162, 2021 (SCI-Expanded)
- IX. **Strategies to Protect Hematopoietic Stem Cells from Culture-Induced Stress Conditions.**
Aerts-Kaya F. S. F.
Current stem cell research & therapy, vol.16, pp.755-770, 2021 (SCI-Expanded)
- X. **CXCR4 expression by mesenchymal stromal cells is lost after use of enzymatic dissociation agents, but preserved by use of non-enzymatic methods.**
Pervin B., Aydin G., Visser T., Uçkan-Çetinkaya D., Aerts-Kaya F. S. F.
International journal of hematology, vol.113, pp.5-9, 2021 (SCI-Expanded)
- XI. **G-CSF treatment of healthy pediatric donors affects their hematopoietic microenvironment through changes in bone marrow plasma cytokines and stromal cells.**
Aerts-Kaya F. S. F., Kilic E., Köse S., Aydin G., Cagnan I., Kuskonmaz B., Uçkan-Cetinkaya D.
Cytokine, vol.139, pp.155407, 2020 (SCI-Expanded)
- XII. **SUL-109 Protects Hematopoietic Stem Cells from Apoptosis Induced by Short-Term Hypothermic Preservation and Maintains Their Engraftment Potential.**
Aerts-Kaya F. S. F., Visser T., Pervin B., Mammadova A., Özyüncü Ö., Wagemaker G., Uçkan-Çetinkaya F. D.
Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation, vol.26, no.4, pp.634-642, 2020 (SCI-Expanded)
- XIII. **Neuropeptide Y is involved in the regulation of quiescence of hematopoietic stem cells**
Ulum B., Mammadova A., Özyüncü Ö., Uçkan-Cetinkaya D., Yanik T., Aerts-Kaya F. S. F.
NEUROPEPTIDES, vol.80, 2020 (SCI-Expanded)
- XIV. **Neurological Regulation of the Bone Marrow Niche**
Aerts-Kaya F. S. F., Ulum B., Mammadova A., Köse S., Aydin G., Korkusuz P., Uçkan-Çetinkaya D.
CELL BIOLOGY AND TRANSLATIONAL MEDICINE, VOL 6: STEM CELLS: THEIR HETEROGENEITY, NICHE AND REGENERATIVE POTENTIAL, vol.1212, pp.127-153, 2020 (SCI-Expanded)
- XV. **Characterization of mesenchymal stem cells in mucopolipidosis type II (I-cell disease)**
Kose S., Aerts Kaya F. S. F., Kuskonmaz B. B., Uçkan Cetinkaya D.
TURKISH JOURNAL OF BIOLOGY, vol.43, no.3, pp.171-178, 2019 (SCI-Expanded)
- XVI. **Bone marrow mesenchymal stem cell donors with a high body mass index display elevated endoplasmic reticulum stress and are functionally impaired**

- ULUM B. B., TEKER H. T., SARIKAYA A., BALTA G., Kuskonmaz B., UCKAN-CETINKAYA D., AERTS-KAYA F. S. F.
JOURNAL OF CELLULAR PHYSIOLOGY, vol.233, no.11, pp.8429-8436, 2018 (SCI-Expanded)
- XVII. **B lymphocyte subsets and outcomes in patients with an initial diagnosis of transient hypogammaglobulinemia of infancy**
Eroglu F. K., Kaya F. S. F., Cagdas D. N., Ozgur T. T., Yilmaz T., Tezcan I., Sanal O.
SCANDINAVIAN JOURNAL OF IMMUNOLOGY, vol.88, no.4, 2018 (SCI-Expanded)
- XVIII. **Automated washing of long-term cryopreserved peripheral blood stem cells promotes cell viability and preserves CD34+ cell numbers**
Aerts-Kaya F. S. F., Koca G., Sharafi P., Sayla F. C., Uckan-Cetinkaya D., Ozdemir E.
BONE MARROW TRANSPLANTATION, vol.53, no.9, pp.1225-1227, 2018 (SCI-Expanded)
- XIX. **Bone Marrow Mesenchymal Stem Cells Carrying FANCD2 Mutation Differ from the Other Fanconi Anemia Complementation Groups in Terms of TGF-beta 1 Production**
CAGNAN I., GUNEL-OZCAN A., AERTS-KAYA F. S. F., Ameziane N., Kuskonmaz B., Dorsman J., GÜMRÜK F., UCKAN D.
STEM CELL REVIEWS AND REPORTS, vol.14, no.3, pp.425-437, 2018 (SCI-Expanded)
- XX. **Bone Marrow Mesenchymal Stem Cells from Donors with a High BMI Display ER Stress and Are Functionally Impaired.**
Ulum B., Teker H. T., Sarıkaya A., BALTA G., KUŞKONMAZ B. B., ÇETİNKAYA F. D., AERTS KAYA F. S. F.
JOURNAL OF CELLULAR PHYSIOLOGY, vol.2018, pp.1-8, 2018 (SCI-Expanded)
- XXI. **Human bone marrow mesenchymal stem cells secrete endocannabinoids that stimulate in vitro hematopoietic stem cell migration effectively comparable to beta-adrenergic stimulation**
KOSE S., AERTS-KAYA F. S. F., Kopru C. Z., NEMUTLU E., Koskonmaz B., KARAOSMANOĞLU B., TASKIRAN E. Z., ALTUN B., CETINKAYA D. U., KORKUSUZ P.
EXPERIMENTAL HEMATOLOGY, vol.57, pp.30-41, 2018 (SCI-Expanded)
- XXII. **Stably expressed reference genes during differentiation of bone marrow-derived mesenchymal stromal cells**
Cagnan I., Aerts Kaya F. S. F., Uckan D., Gunel Ozcan A.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.1, pp.88-97, 2017 (SCI-Expanded)
- XXIII. **Evaluation of biocompatibility of random or aligned electrospun polyhydroxybutyrate scaffolds combined with human mesenchymal stem cells**
KOSE S., AERTS KAYA F. S. F., DENKBAŞ E. B., KORKUSUZ P., ÇETİNKAYA F. D.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.2, pp.410-419, 2016 (SCI-Expanded)
- XXIV. **Structural investigation of donor age effect on human bone marrow mesenchymal stem cells: FTIR spectroscopy and imaging**
Aksoy C., Kaya F. A., KUŞKONMAZ B. B., Uckan D., Severcan F.
AGE, vol.36, no.4, 2014 (SCI-Expanded)
- XXV. **5-Androstene-3 beta,17 beta-diol Promotes Recovery of Immature Hematopoietic Cells Following Myelosuppressive Radiation and Synergizes With Thrombopoietin**
Aerts-Kaya F. S. F., Visser T. P., Arshad S., Frincke J., Stickney D. R., Reading C. L., Wagemaker G.
INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol.84, no.3, 2012 (SCI-Expanded)
- XXVI. **Keratinocyte Growth Factor and Stem Cell Factor to Improve Thymopoiesis after Autologous CD34(+) Cell Transplantation in Rhesus Macaques**
Wils E., Aerts-Kaya F. S. F., Rombouts E. J. C., van Mourik I., Rijken-Schelen A., Visser T. P., Braakman E., Wagemaker G., Cornelissen J. J.
BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION, vol.18, no.1, pp.55-65, 2012 (SCI-Expanded)
- XXVII. **Mobilization of Hepatic Mesenchymal Stem Cells From Human Liver Grafts**
Pan Q., Fouraschen S. M. G., Kaya F. S. F. A., Versteegen M. M., Pescatori M., Stubbs A. P., van Ijcken W., van der Sloot A., Smits R., Kwekkeboom J., et al.
LIVER TRANSPLANTATION, vol.17, no.5, pp.596-609, 2011 (SCI-Expanded)
- XXVIII. **Lentiviral gene therapy of murine hematopoietic stem cells ameliorates the Pompe disease phenotype**
van Til N. P., Stok M., Kaya F. S. F. A., de Waard M. C., Farahbakhshian E., Visser T. P., Kroos M. A., Jacobs E. H.,

Willart M. A., van der Wegen P., et al.

BLOOD, vol.115, no.26, pp.5329-5337, 2010 (SCI-Expanded)

XXIX. Mesenchymal stem cell studies in children with inherited diseases: A proposal for identification of candidate diseases for mesenchymal stem cell therapies (PEDI-STEM project)

Uckan D., Kilic E., Aerts F. S. F., Cetin M., Gumruk F., Tezeaner A.

CYTOTHERAPY, vol.8, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modelling of rare diseases with induced pluripotent stem cells**
Erol Ö. D., Şeker M. E., Aerts Kaya F. S. F.
Türkiye Klinikleri Tıbbi Genetik - Kök Hücre ve Rejeneratif Tıp , vol.1, pp.10-17, 2021 (Non Peer-Reviewed Journal)
- II. **Hematopoietic Stem Cell Gene Therapy for Inherited Monogenic Diseases and Its Implications for Future Gene Therapy Trials in Turkey**
Güney E. G., Erol Ö. D., AERTS KAYA F. S. F.
Trakya University Journal of Natural Sciences, vol.20, pp.17-32, 2020 (ESCI)
- III. **Göbek kordon kanı hayat kurtarabilir atmayın, bağışlayın!**
AERTS KAYA F. S. F.
Bilim ve Utopya, vol.24, no.284, pp.26-30, 2018 (Non Peer-Reviewed Journal)
- IV. **Hematopoetik ve Mezenkimal Kök Hücreler**
AERTS KAYA F. S. F., ÇELEBİ SALTIK B.
Türkiye Klinikleri J Plast Surg-Special Topics, vol.4, no.3, pp.11-18, 2015 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Hematopoetik kök hücreler ve Hematopoez**
AERTS KAYA F. S. F., Kansu E.
in: İç Hastalıkları Kitabı, volüm 2, Gürler İliçin, Kadir Biberoglu, Gültekin Süleymanlar, Serhat Ünal, Editor, Güneş Tıp Kitapevleri Yayınevi, pp.1477-1486, 2023
- II. **Generation and Hematopoietic Differentiation of Mesenchymal Stromal/Stem Cell-Derived Induced Pluripotent Stem Cell Lines for Disease Modeling of Hematopoietic and Immunological Diseases**
Güney-Esken G., Aerts Kaya F. S. F.
in: Methods in Molecular Biology, Kursad Turksen, Editor, Springer, London/Berlin , Berlin, pp.1-21, 2021
- III. **Stem Cell Applications in Lysosomal Storage Disorders: Progress and Ongoing Challenge**
Kose S., Aerts-Kaya F. S. F., ÇETİNKAYA F. D., Korkusuz P.
in: Advances in Experimental Medicine and Biology, Kursad Turksen, Editor, Springer, pp.135-162, 2021
- IV. **Stem Cell Applications In Lysosomal Storage Disorders: Progress And Ongoing Challenges.**
KÖSE S., AERTS KAYA F. S. F., ÇETİNKAYA F. D., KORKUSUZ P.
in: Advances in Experimental Medicine and Biology series, Cell Biology and Translational Medicine, Kürsad Türksen, Editor, Springer, pp.1-28, 2021
- V. **Neurological regulation of the bone marrow niche**
AERTS KAYA F. S. F., Ulum B., Mammadova A., KÖSE S., Aydın G., KORKUSUZ P., ÇETİNKAYA F. D.
in: Cell Biology and Translational Medicine Volume 6, Kursad Türksen, Editor, Springer, pp.127-153, 2020
- VI. **Kalp yetmezliğinde kök hücre uygulamaları**
AERTS KAYA F. S. F., ÇETİNKAYA F. D.
in: Kalp yetmezliği Cep Kitabı, Oto A., Kaya E.B., Aytemir K., Editor, Erkem Tıbbi Yayıncılık, Ankara, pp.173-183, 2016
- VII. **Radioprotective agents stimulating hematopoietic stem cell reconstitution. A translational approach.**
AERTS KAYA F. S. F.
Optima Grafi Sche Communicatie, Rotterdam, 2010

- VIII. **Immune modulation in gene therapy studies. Points to consider for Environmental Risk Assessment.**
AERTS KAYA F. S. F., Kaptein L., Wagemaker G.
Erasmus University, Rotterdam, 2010
- IX. **Mesenchymal Stem Cell Engineering and Transplantation**
AERTS KAYA F. S. F., Wagemaker G.
in: Genetic Engineering of Mesenchymal Stem Cells, Jan Nolte, Editor, Elsevier, pp.1-45, 2010
- X. **Mesenchymal stem cell engineering and transplantation**
AERTS KAYA F. S. F., Wagemaker G.
in: Genetic engineering of mesenchymal stem cells, Nolte J.A., Editor, Elsevier Science, Oxford/Amsterdam ,
Amsterdam, pp.1-45, 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **Non-myelotoxic agents can be used as conditioning before hematopoietic stem cell gene therapy**
ŞEKER M. E., EROL DUYAR Ö. D., PERVİN B., AERTS KAYA F. S. F.
18. Tıbbi biyoloji ve genetik kongresi, Ankara, Turkey, 26 - 29 October 2023, vol.2
- II. **In vitro modeling of acute graft versus host disease using Rag2-/- mouse colonoids**
PERVİN B., GİZER M., Sarı İ., GÜR S. N., POLAT E. G., ŞEKER M. E., EROL DUYAR Ö. D., DEĞİRMENCİ UZUN B.,
KORKUSUZ P., AERTS KAYA F. S. F.
18. Tıbbi biyoloji ve genetik kongresi, 26 - 29 October 2023, vol.2, pp.48
- III. **CXCR4 expression is critical for migration of BM-MSCs, but not for regeneration of intestinal damage**
PERVİN B., GİZER M., ŞEKER M. E., EROL DUYAR Ö. D., DEĞİRMENCİ UZUN B., KORKUSUZ P., AERTS KAYA F. S. F.
18. Tıbbi biyoloji ve genetik kongresi, 26 - 29 October 2023, vol.2, pp.46
- IV. **RAB27A Gen Tedavisinin Olası Tümörjenik Etkilerinin İncelenmesi**
EROL DUYAR Ö. D., ŞEKER M. E., PERVİN B., ÖZÇİMEN B., ŞENOC AK Ş., GİZER M., KORKUSUZ P., KILIÇ H. B.,
KOCAEFE Y. Ç., AERTS KAYA F. S. F.
18. Tıbbi biyoloji ve genetik kongresi, 26 - 29 October 2023, vol.2, pp.15
- V. **Hematopoietik kök hücre gen tedavisine hazırlık rejimi olarak miyelotoksik olmayan ilaçların kullanılması**
ŞEKER M. E., EROL DUYAR Ö. D., PERVİN B., AERTS KAYA F. S. F.
49 Yıllık THD kongresi, 01 November 2023 - 05 February 0023
- VI. **The role of in vitro and in vivo models in the development of gene therapy for immune deficiencies**
AERTS KAYA F. S. F.
18. Tıbbi biyoloji ve genetik kongresi, 26 - 29 October 2023
- VII. **Comparison of different methods for genetic correction of Griscelli Syndrome type II-derived stem cells**
EROL DUYAR Ö. D., ŞEKER M. E., PERVİN B., ÖZÇİMEN B., ŞENOC AK Ş., GÜR S. N., KILIÇ H. B., GİZER M., KORKUSUZ
P., KOCAEFE Y. Ç., et al.
EHA annual meeting 2023, 08 June 2023, vol.7
- VIII. **Non-Myelotoxic Chemicals As A Preparatory Regimen For Hematopoietic Stem Cell Gene Therapy**
ŞEKER M. E., EROL DUYAR Ö. D., PERVİN B., Wagemaker G., van Til N. P., AERTS KAYA F. S. F.
EHA annual meeting 2023, 08 June 2023, vol.7
- IX. **Correction of RAB27A from Griscelli Syndrome Type II-derived Mesenchymal Stem Cells**
EROL DUYAR Ö. D., ŞEKER M. E., AERTS KAYA F. S. F.
ESGCT 2021 annual congress, 19 - 22 October 2021, vol.32
- X. **Neuropeptide Y plays a role in the regulation of proliferation and quiescence of HSCs**
EROL Ö. D., ŞEKER M. E., PERVİN B., B. U., ÖZYÜNCÜ Ö., YANIK T., AERTS KAYA F. S. F.
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, Çevrimiçi, Turkey, 27 - 28 February 2021
- XI. **Hematopoietik Kök Hücre Naklinde Alıcıya Zarar Vermeyen Hazırlık Rejimlerinin Geliştirilmesi**
ŞEKER M. E., EROL Ö. D., PERVİN B., AERTS KAYA F. S. F.

İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, Çevrimiçi, Turkey, 27 - 28 February 2021

- XII. **Repair of Griscelli Type 2 mesenchymal stem cells with a lentiviral vector carrying RAB27Aco**
Erol Ö. D., Şeker M. E., Pervin B., Van Til N. P., Günel_Özcan A., Kocaefe Y. Ç., Aerts Kaya F. S. F.
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, İstanbul, Turkey, 27 - 28 February 2021
- XIII. **Non-Enzymatic Dissociation Methods Preserve CXCR4 Expression of Mesenchymal Stem Cells**
Pervin B., Aydın G., ÇETİNKAYA F. D., AERTS KAYA F. S. F.
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, Çevrimiçi, Turkey, 27 - 28 February 2021
- XIV. **Role of Neuropeptide Y (NPY) in Regulating Hematopoietic Stem Cells.**
Ulum B., Mammadova A., ÖZYÜNCÜ Ö., ÇETİNKAYA F. D., YANIK T., AERTS KAYA F. S. F.
NIAID 13. annual fellows workshop, 13 November 2019
- XV. **Short-term hypothermic storage supports maintenance of transplantable hematopoietic stem cells.**
AERTS KAYA F. S. F., Pervin b., Mammadova A., Wagemaker G., ÇETİNKAYA F. D.
55. SLTB Congress Seville, Spain 2019, 2 - 04 October 2019
- XVI. **Östrojen reseptör pozitif MCF7 meme kanseri hücre hattı üzerine doğal biyoaktif bileşenlerden timokinon, kafeik asit fenetil ester fukoidanın antikanser etkilerinin karşılaştırmalı analizi.**
Eroğlu Köksal E., BALTA G., AERTS KAYA F. S. F.
23. Ulusal Kanser Kongresi 2019, Turkey, 17 - 21 April 2019, pp.319
- XVII. **Hematopoetik kök hücre regülasyonunda Nöropeptid Y (NPY)'in rolünün incelenmesi**
Ulum B., Mammadova A., ÖZYÜNCÜ Ö., ÇETİNKAYA F. D., YANIK T., AERTS KAYA F. S. F.
3. Kök Hücre ve Hücresel Tedaviler Kongresi, Turkey, 12 - 14 April 2019, pp.137
- XVIII. **RAG2-/- ağır kombine immün yetmezliği hematopoetik kök hücre nakli ve gen tedavi optimizasyonu.**
Pervin b., Erol Ö. D., ÇETİNKAYA F. D., Wagemaker G., AERTS KAYA F. S. F.
3. Kök Hücre ve Hücresel Tedaviler Kongresi 2019, Turkey, 12 - 14 April 2019, pp.67
- XIX. **Griscelli Tip 2 Mezenkimal Kök Hücrelerden Uyarılmış Pluripotent Kök Hücre Geliştirilmesi ve in vitro Hematopoetik Farklılaşması.**
Güney Esken G., erol ö. d., BİLGİÇ E., KORKUSUZ P., gürhan sevinç g., ÖNDER T. T., ÇETİNKAYA F. D., AERTS KAYA F. S. F.
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Guney-Esken G., Gurhan G., Onder T., Uçkan-Cetinkaya D., Aerts-Kaya F. S. F.
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ESGCT annual meeting 2016, 18 - 21 October 2016, vol.27, pp.1-185

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5. CELL-PID annual meeting 2016, 13 - 15 May 2016

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1. Kök Hücre ve Hücre Tedavileri Kongresi 2014, Kocaeli, Turkey, 20 - 23 March 2014, pp.30-31
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1. Kök Hücre ve Hücre Tedavileri Kongresi 2014, Kocaeli, Turkey, 20 - 23 March 2014
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Aydın G., AERTS KAYA F. S. F., Güney Esken G., ÇETİNKAYA F. D.
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Aydın G., AERTS KAYA F. S. F., ÇETİNKAYA F. D.
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1. Kök Hücre ve Hücre Tedavileri Kongresi 2014, Kocaeli, Turkey, 20 - 23 March 2014, pp.51-52
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39. Ulusal Hematoloji Kongresi 2013, Turkey, 23 - 26 October 2013, pp.42-43
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39. Ulusal Hematoloji Kongresi 2013, Turkey, 23 - 26 October 2013, pp.76-77
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Cagnan I, KONU KARAKAYALI Ö., AERTS KAYA F. S. F., Kuskonmaz B., ÇETİNKAYA F. D., ÖZCAN A.
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AERTS KAYA F. S. F., Cagnan I, Aydın G., KÖSE S., Semerci A., Kuskonmaz B., ÇETİNKAYA F. D.
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Kaya F. S. F., Kose S., Aydın G., Cagnan I, BOCUTCU S., KUŞKONMAZ B. B., Uçkan D.
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- LXXXIII. **Differential levels of cytokines in the vascular and endothelial bone marrow niches of G-CSF stimulated and unstimulated human donors.**
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ÇAĞNAN I, KONU KARAKAYALI Ö., AERTS KAYA F. S. F., KUŞKONMAZ B. B., ÇETİNKAYA F. D., ÖZCAN A.
HOX and TALE Transcription Factors in Development and Disease, Madrid, Spain, 28 November 2012 - 01 December 2010, pp.53
- LXXXV. **Expression of HOX genes in the bone marrow derived mesenchymal stromal/stem cells from Fanconi anemia patients changes following bone marrow transplantation.**
ÖZCAN A., Cagnan I, KUŞKONMAZ B. B., AERTS KAYA F. S. F., ÇETİNKAYA F. D.
ISSCR annual meeting 2012, 13 - 16 June 2012, vol.1, pp.126
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1. Kök Hücre Araştırmaları Kongresi 2011, Turkey, 28 September - 02 October 2011
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AERTS KAYA F. S. F., KÖSE S., ÇETİNKAYA F. D.

1. Uluslararası katılımlı Kök Hücre Sempozyumu 2010, Samsun, Turkey, 29 September - 01 October 2010, pp.62

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2. Lizozomal Hastalıklar Kongresi 2010, Turkey, 29 - 30 April 2010, pp.68

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AERTS KAYA F. S. F., kaptein I., Wagemaker G.

11. NVGT Spring Symposium 2010, 11 - 12 March 2010, pp.14

XCI. Demir partikülleri ile işaretli insane mezenkimal kök hücrelerin immünolojik özellikleri ve prelininer hayvan modellerinde in vivo hücre takibi.

Kılıç E., AERTS KAYA F. S. F., bozkurt g., ANLAR F. B., AZKUR A. K., KORKUSUZ P., ÇETİNKAYA F. D.

6. Ulusal KİT ve Kök Hücre Tedavileri Kongresi 2010, Turkey, 4 - 06 March 2010, pp.142

XCII. Comparison of miRNA expression profile during adipocyte induction of mesenchymal stem cells from bone marrows of malignant infantile osteopetrosis patients and bone marrow donors reveals 15 differentially expressed miRNAs

Gunel-Ozcan A., KILIÇ E., Aerts-Kaya F. S. F., ÇETİN M., Uckan D.

36th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantat/9th Meeting of the EBMT Data-Management-Group/26th Meeting of the EBMT Nurses Group/2nd EBMT Qual Management Meeting, Vienna, Austria, 21 - 24 March 2010, vol.45

XCIII. Culture of mesenchymal stem cells in presence of human platelet lysate as an alternative for animal-derived serum

Aerts-Kaya F. S. F., Arslan S., Uckan D.

36th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantat/9th Meeting of the EBMT Data-Management-Group/26th Meeting of the EBMT Nurses Group/2nd EBMT Qual Management Meeting, Vienna, Austria, 21 - 24 March 2010, vol.45

XCIV. Kordon kanından Mezenkimal Kök Hücre İzolasyonu

AERTS KAYA F. S. F.

1. Ulusal Mezenkimal Kök Hücre Sempozyumu, Turkey, 5 - 06 February 2010

XCV. 'I-Cell' hastalığında kemik iliği kökenli mezenkimal kök hücrelerin karakterizasyonu

KÖSE S., KUŞKONMAZ B. B., AERTS KAYA F. S. F., Kılıç E., ÇETİN M., Coşgun T., ÇETİNKAYA F. D.

6. Ulusal KİT ve Kök Hücre Tedavileri Kongresi 2010, Turkey, 4 - 06 March 2010, pp.141

XCVI. LENTIVIRAL GENE THERAPY OF MURINE HEMATOPOIETIC STEM CELLS LEADS TO CORRECTION OF THE POMPE DISEASE PHENOTYPE

Stok M., van Til N., AERTS KAYA F. S. F., Farahbakhshian E., Visser T. P., Kroos M. A., de Waard M., Jacobs E. H., Willart M., Van der Wegen P., et al.

CLINICAL THERAPEUTICS, Munich, Germany, 20 - 21 November 2009, vol.32, pp.81

XCVII. Lessons from non-gene therapy studies to predict the environmental risk in immune modulation gene therapy

Aerts-Kaya F. S. F., Kaptein L., Wagemaker G.

Combined Meeting of the 17th European-Society-of-Gene-and-Cell-Therapy/16th German-Society-for-Gene-Therapy/4th German-Society-for-Stem-Cell-Research, Hannover, Germany, 21 - 25 November 2009, vol.20, pp.1470-1471

XCVIII. Osteopetrosis hastalarının kemik iliği kaynaklı mezenkimal kök hücrelerinin adipojenik farklılaşmalarında rol oynayan miRNA ekspresyon profilinin saptanması.

ÖZCAN A., Kılıç E., AERTS KAYA F. S. F., ÇETİN M., ÇETİNKAYA F. D.

XI. Ulusal Tıbbi Genetik ve Biyolojisi Kongresi 2009, Turkey, 28 - 31 October 2009

XCIX. HUMAN LIVER HEMATOPOIETIC STEM CELLS HAVE A MULTI-POTENT AND SELF-RENEWAL CAPACITY

AND MAY FUNCTION AS LOCAL PROGENITORS FOR LIVER-RESIDENT LEUKOCYTES

Pan Q., Aerts-Kaya F. S. F., Kazemier G., Kwekkeboom J., Metselaar H. J., Tilanus H. W., Janssen H. L. A., Wagemaker G., van der Laan L. J. W.

15th Annual Congress of the International-Liver-Transplantation-Society, New-York, United States Of America, 8 - 11 July 2009, vol.15

- C. **MOBILIZATION, IMMUNOMODULATION AND HEPATIC DIFFERENTIATION OF HUMAN GRAFT MESENCHYMAL STEM CELLS IN LIVER TRANSPLANTATION**
Pan O., Fouraschen S. M. G., Aerts-Kaya F. S. F., van der Sloot A., Kazemier G., Kwekkeboom J., Metselaar H. J., Tilanus H. W., Wagemaker G., Janssen H. L. A., et al.
15th Annual Congress of the International-Liver-Transplantation-Society, New-York, United States Of America, 8 - 11 July 2009, vol.15
- CI. **Human Liver Grafts Contains Multi-Potent Hematopoietic Stem Cells with Self-Renewal Capacity Which Mobilize and Circulate in the Recipient after Transplantation**
Pan Q., AERTS KAYA F. S. F., Arshad S., Verstegen M. M., Kwekkeboom J., Metselaar H., Tilanus H., Janssen H., Wagemaker G., Van der Laan L.
9th Joint Meeting of the ASTS/AST 2009, 29 May - 03 June 2009, vol.9, pp.464
- CII. **Influence of Immune Modulation Gene Therapy on Environmental Risk Assessment**
AERTS KAYA F. S. F., Leonie K., Wagemaker G.
MOLECULAR THERAPY, San Diego, 27 - 30 May 2009, vol.17, pp.381-382
- CIII. **Kök Hücre Genetik Modifikasyonlarının Biyogüvenlik ve Risk Değerlendirmesi**
ÖZCAN A., AERTS KAYA F. S. F., ÇETİNKAYA F. D.
1. Ulusal Hücresel Tedavi ve Rejeneratif Tıp Kongresi, Kapadokya, Turkey, 5 - 08 March 2009, pp.103
- CIV. **İnsan kaynaklı mezenkimal kök hücrelerin demir oksit partikülleri ile işaretlenmesi.**
Kılıç E., ANLAR F. B., AZKUR A. K., KÖSE S., AERTS KAYA F. S. F., Yörübulut M., ÇETİNKAYA F. D.
1. Ulusal Hücresel Tedavi ve Rejeneratif Tıp Kongresi 2009, Turkey, 5 - 08 March 2009, pp.106
- CV. **Osteopetrosisli hastalardan izole edilen mezenkimal kök hücrelerde adiposit farklılaşma defekti**
ÇETİNKAYA F. D., Kılıç E., Sharafi P., Kazık M., AERTS KAYA F. S. F., ERDEMLİ E., CAN A., TEZCANER A., KOCAEFE Y. Ç.
1. Ulusal Hücresel Tedavi ve Rejeneratif Tıp Kongresi 2009, Turkey, 5 - 08 March 2009, pp.104
- CVI. **Mobilization, Immunomodulation and Hepatic Differentiation of Graft-Resident Human Mesenchymal Stem Cells in Liver Transplantation.**
Pan Q., Fouraschen S. M. G., Aerts-Kaya F. S. F., Verstegen M. M. A., van der Sloot A., Smits R., Kwekkeboom J., Metselaar H., Tilanus H. W., Wagemaker G., et al.
9th Joint Meeting of the American-Society-of-Transplant-Surgeon/American-Society-of-Transplantation, Massachusetts, United States Of America, 30 May - 03 June 2009, vol.9, pp.464
- CVII. **Transplanted CD34 cells stimulated with Flt3 ligand and Granulocyte-Colony Stimulating Factor display an impaired early reconstitution capacity.**
AERTS KAYA F. S. F., Hartong S., Visser T. P., Verstegen M. M., Wognum a., Wagemaker G.
ASH annual meeting 2008, 6 - 09 December 2008, vol.112, pp.4591
- CVIII. **5-Androstene-3b,17b-Diol Administration of Mice Exposed to Total Body Irradiation Results in Rapid Reconstitution of Immature Bone Marrow Progenitor Cells and Synergizes with Thrombopoietin but Not with Granulocyte-Colony Stimulating Factor.**
AERTS KAYA F. S. F., Visser T. P., Reading C. L., Frincke J., Stickney D., Wagemaker G.
ASH annual meeting 2008, San-Francisco, Costa Rica, 6 - 09 December 2008, vol.112, pp.811
- CIX. **HUMAN LIVER GRAFTS CONTAIN MULTI-POTENT HEMATOPOIETIC STEM CELLS WITH SELF-RENEWAL CAPACITY WHICH MOBILIZE AND CIRCULATE IN THE RECIPIENT AFTER LIVER TRANSPLANTATION**
Pan Q., AERTS KAYA F. S. F., Arshad S., Verstegen M. M., Kwekkeboom J., Metselaar H., Tilanus H., Janssen H., Wagemaker G., Van der Laan L.
HEPATOLOGY, San-Francisco, Costa Rica, 31 October - 04 November 2008, vol.48, pp.618-619
- CX. **Mesenchymal stem cells are present in adult human liver and mobilized during cold storage of liver**

grafts at the time of transplantation.

Pan Q, AERTS KAYA F. S. F., Chikhovskaya j, van der Sloot A., scot h., smits r., Kwekkeboom J, Tilanus H., Wagemaker G., Janssen H., et al.

AASLD annual meeting 2008, 31 October - 01 November 2008, vol.48, pp.643

- CXI. **Mesenchymal stem cells from osteopetrosis patients display a defect in adipocyte differentiation**
ÇETİNKAYA F. D., Kılıç E., Kazık M., Sharafi P., AERTS KAYA F. S. F., CAN A., TEZCANER A., KOCAEFE Y. Ç.
ISCT 2008 1. regional meeting, 14 - 16 September 2008, pp.130
- CXII. **Recombinant spider silk fibres allow expansion of hematopoietic stem cells and can serve as biomatrices for adherence of mesenchymal stem cells**
AERTS KAYA F. S. F., Hedhammar M., Visser T. P., Arshad S., Engstrom W., Johansson J., Wagemaker G.
ISCT 2008 1. regional meeting, 14 - 18 September 2008, pp.141
- CXIII. **HUMAN ADULT LIVER CONTAINS MESENCHYMAL STEM CELLS WHICH ARE MOBILIZED DURING GRAFT PERFUSION AT TIME OF LIVER TRANSPLANTATION.**
Pan Q, AERTS KAYA F. S. F., Chikhovskaya j, scot h., Janssen H., Kwekkeboom J., Kazemier G., Tilanus H., Wagemaker G., Van der Laan L.
ILTS annual meeting 2008, Paris, France, 9 - 12 July 2008, vol.14, pp.234
- CXIV. **HUMAN LIVER GRAFT CONTAINS HEMATOPOIETIC STEM CELLS WHICH ARE MOBILIZED DURING LIVER TRANSPLANTATION: CONTRIBUTION TO CHIMERISM?**
Pan Q, AERTS KAYA F. S. F., Janssen H., Kwekkeboom J., Kazemier G., Tilanus H., Wagemaker G., Van der Laan L.
ILTS annual meeting 2008, Paris, France, 9 - 12 July 2008, vol.14, pp.191
- CXV. **LENTIVIRAL GENE THERAPY OF HEMATOPOIETIC STEM CELLS RESULTS IN PHENOTYPE CORRECTION IN A MOUSE MODEL OF POMPE DISEASE**
Stok M., van Til N., AERTS KAYA F. S. F., Visser T. P., Kroos M. A., de Waard M., Jacobs E. H., Willart M., Van der Wegen P., Scholte B., et al.
EHA annual meeting 2008, Copenhagen, 12 - 15 June 2008, vol.93, pp.169
- CXVI. **5-ANDROSTENE-3 beta,17 beta-DIOL ADMINISTERED TO MICE EXPOSED TO TOTAL BODY IRRADIATION RESULTS IN RAPID RECONSTITUTION OF IMMATURE BONE MARROW PROGENITOR CELLS AND SYNERGIZES WITH TPO BUT NOT WITH G-CSF**
AERTS KAYA F. S. F., Visser T. P., Reading C. L., Frincke J., Stickney D., Wagemaker G.
EHA annual meeting 2008, Copenhagen, 12 - 15 June 2008, vol.93, pp.113
- CXVII. **EFFICACY OF RECOMBINANT HUMAN AND RHESUS THROMBOPOIETIN STIMULATED BLOOD TRANSFUSIONS IN COMPARISON TO UNSTIMULATED WHOLE BLOOD OR THROMBOCYTE TRANSFUSIONS IN A NON-HUMAN PRIMATE MODEL**
Kaya F. S. F., Visser T. P., Hartong S. C. C., Agur Z., Wagemaker G.
13th Congress of the European-Hematology-Association, Copenhagen, Denmark, 12 - 15 June 2008, vol.93, pp.154
- CXVIII. **Safety assessment in murine recipients of hematopoietic cells transduced with gammaretroviral or lentiviral vectors: evidence for significantly reduced genotoxicity of SIN lentiviral vectors.**
van Til N., sarwari r., AERTS KAYA F. S. F., Visser T. P., Verstegen M. M., Wagemaker G.
ASGT annual meeting 2008, 30 May - 02 June 2008, vol.16, pp.361
- CXIX. **Cell density and viral vector load are determinant factors for Ex vivo lentiviral transduction efficiency of hematopoietic stem cells**
van Til N., AERTS KAYA F. S. F., Visser T. P., Wagemaker G., Verstegen M. M.
ESGCT annual meeting 2007, Rotterdam, Netherlands, 27 - 30 October 2007, vol.18, pp.1010
- CXX. **Cell-density and viral vector load are determinant factors for the ex vivo lentiviral transduction efficiency of hematopoietic stem cells**
van Til N., Verstegen M. M., oerlemans c., AERTS KAYA F. S. F., Visser T. P., Wagemaker G.
ASGT annual meeting 2007, 30 May - 03 June 2007, vol.15, pp.397
- CXXI. **HE2100 (5-Androstene-3b,17b-diol) after Cytoreductive Total Body Irradiation of Rhesus Monkeys Promotes the Recovery of Immature CD34 Bone Marrow Cells, Accelerates Platelet, Granulocyte and Red Cell Reconstitution, and Alleviates Neutropenia and Anemia**
AERTS KAYA F. S. F., Visser T. P., Reading C. L., Frincke J., Verstegen M. M., Stickney D., Wagemaker G.

ASH annual meeting 2005, 10 - 13 December 2005, vol.106, pp.131

- CXXII. **HE2100 (5-androstene-3 beta,17 beta-diol) after cytoreductive total body irradiation of rhesus monkeys promotes the recovery of immature CD34+bone marrow cells, accelerates platelet, granulocyte and red cell reconstitution, and alleviates neutropenia and anemia**
Kaya-Aerts F. S. F., Visser T., Reading C., Frincke J., Verstegen M., Stickney D., Wagemaker G.
47th Annual Meeting of the American-Society-of-Hematology, Georgia, United States Of America, 10 - 13 December 2005, vol.106
- CXXIII. **Mesenchymal stem cell differentiation defect in malignant infantile osteopetrosis**
Kazık M., AERTS KAYA F. S. F., Kılıç E., TEZCANER A., OKUR H., Uckan-Cetinkaya D.
30 th International Society of Hematology World Congress 2005, İstanbul, Turkey, 28 September - 02 October 2005, vol.22, pp.176
- CXXIV. **Characterization of bone marrow-derived mesenchymal stem cells from healthy marrow donors of pediatric age**
AERTS KAYA F. S. F., Kılıç E., Kucukbayrak Ö., Kazık M., TEZCANER A., OKUR H., ÇETİNKAYA F. D.
30 th International Society of Hematology World Congress 2005, İstanbul, Turkey, 28 September - 02 October 2005, vol.22, pp.181
- CXXV. **Mesenchymal stem cell studies in children with inherited diseases: A proposal for identification of candidate diseases for mesenchymal stem cell therapies (Pedi-Stem Project).**
ÇETİNKAYA F. D., Kılıç E., AERTS KAYA F. S. F., ÇETİN M., GÜMRÜK F., CAN A., TEZCANER A.
ISCT annual meeting 2006, 4 - 07 May 2006, vol.8, pp.241

Other Publications

- I. **Göbek kordon kanı hayat kurtarabilir; atmayın, bankaya bağışlayın!**
AERTS KAYA F. S. F.
Other, pp.26-30, 2018

Supported Projects

- AERTS KAYA F. S. F., KORKUSUZ P., Project Supported by Higher Education Institutions, Akut GvHD Modellerinde Bağırsak Mezenkimal Hücrelerin İmmün Modulator Etkilerinin Değerlendirilmesi 221S958 TÜBİTAK Projesine Ek Bütçe, 2024 - Continues
- AERTS KAYA F. S. F., Erol Ö. D., KAYIKÇI U., Şeker M. E., Şenocak Ş., DEREN Ö., Project Supported by Higher Education Institutions, Farklı Germ Yaprığı Kökenli Kök Hücrelerden Geliştirilen uPKH'lerin İn Vitro Farklılaşma Kapasitelerinin Karşılaştırılması, 2024 - Continues
- AERTS KAYA F. S. F., Gür S. N., PERVİN B., Project Supported by Higher Education Institutions, İn vitro İnflamatuar Bağırsak Hastalığı Modelinde Zonulin İnhibitörünün Etkisinin Araştırılması, 2023 - Continues
- AERTS KAYA F. S. F., KOCAEFE Y. Ç., KARAASLAN İ. Ç., Project Supported by Higher Education Institutions, Temel bilimlerde viral vektör ve genetik modifikasyon yöntemlerinin araştırılması, 2022 - Continues
- AERTS KAYA F. S. F., Polat E. G., Project Supported by Higher Education Institutions, Melatonin Obez Donor Mezenkimal Kök Hücrelerinde Hücrel Strese Bağlı Olarak Oluşan Fonksiyon Bozuklukları Üzerindeki Etkilerinin Değerlendirilmesi, 2022 - Continues
- AERTS KAYA F. S. F., Pervin B., EROL Ö. D., ŞEKER M. E., ÖZYÜNCÜ Ö., Project Supported by Higher Education Institutions, Mezenkimal Hematopoetik ve uyarılmış Pluripotent Kök Hücrelerin DondurmaÇözme Süreçlerinin Optimizasyonunda SUL109 ve Resveratrolun Koruyucu Etkilerinin Araştırılması, 2022 - Continues
- Aerts Kaya F. S. F., Değirmenci B., KORKUSUZ P., TUBİTAK Project, Evaluation of Immune Modulatory Effects of Intestinal Mesenchymal Cells in Acute GvHD Models, 2022 - 2025
- AERTS KAYA F. S. F., Erol Ö. D., Project Supported by Higher Education Institutions, GRISCELLI SENDROMU UYARILMIŞ PLURIPOTENT KOK HUCRELERİNİN GENETİK MODİFİKASYONU VE GEN TEDAVİ GELİSTİRİLMESİ (219S675 TÜBİTAK ek

bütçe desteği), 2022 - 2024

AERTS KAYA F. S. F., EROL Ö. D., ŞEKER M. E., PERVİN B., Project Supported by Higher Education Institutions, İnflamatuar Bağırsak Hastalığı Modelinde CXCR4(+) Mezenkimal Kök Hücrelerin Etkinliğinin Değerlendirilmesi, 2021 - 2023

AERTS KAYA F. S. F., KORKUSUZ P., TUBITAK Project, Griscelli Sendromu Uyarılmış Pluripotent Kök Hücrelerinin Genetik Modifikasyonu ve Gen Tedavi Geliştirilmesi, 2020 - 2023

Aerts Kaya F. S. F., TUBITAK Project, Optimization of gene therapy culture conditions and engraftment of hematopoietic stem cells , 2020 - 2021

AERTS KAYA F. S. F., EROL Ö. D., VAN TIL N. P., Project Supported by Higher Education Institutions, GRISCELLI SENDROMU GENETİK MODİFİKASYON İÇİN CRISPR/CAS9 VE LENTİVİRAL KONSTRAKTLARIN HAZIRLANMASI, 2019 - 2021

AERTS KAYA F. S. F., ULUM B., TUBITAK Project, Hematopoetik Kök Hücre Regülasyonunda Nöropeptid Y (Npy)'nin Rolünün İncelenmesi, 2019 - 2020

AERTS KAYA F. S. F., Mammadova A., ÖZYÜNCÜ Ö., Project Supported by Higher Education Institutions, Delta-Opioid Peptide D-Ala2-Leu5-Enkephalin'in Hematopoetik Kök Hücrelerin Sağ Kalımındaki Rolü ve Antioksidatif ve Antiapoptotik Etkilerinin Araştırılması, 2018 - 2019

AERTS KAYA F. S. F., ÖZYÜNCÜ Ö., TUBITAK Project, Hematopoetik Kök Hücrelerin Hipotermik Saklama Koşullarının Optimizasyonunun Araştırılması, 2018 - 2019

AERTS KAYA F. S. F., ÇETİNKAYA F. D., ULUM B., AYDIN SON Y., YANIK T., ÖZYÜNCÜ Ö., Project Supported by Higher Education Institutions, HEMATOPOETİK KÖK HÜCRE HİBERNASYONUNDA NÖROPEPTİD Y (NPY)'İN ROLÜNÜN İNCELENMESİ, 2018 - 2019

Aerts Kaya F. S. F., Wagemaker G., TUBITAK Project, Kalıtsal hastalıklar için hematopoetik kök hücre gen tedavisinin geliştirilmesi, 2018 - 2019

AERTS KAYA F. S. F., TUBITAK Project, Griscelli Sendromu Upkh (Uyarılmış Pluripotent Kök Hücre) Geliştirmesi, Karakterizasyonu ve Lenfohematopoetik Farklılaşması, 2015 - 2019

Aerts Kaya F. S. F., Yanık T., Project Supported by Higher Education Institutions, Assessment of the Role of Neuropeptide Y on Hibernation of Hematopoietic Stem Cells, 2017 - 2018

AERTS KAYA F. S. F., Project Supported by Higher Education Institutions, Plasenta, Kordon Kanı ve Kemik İliğinden İzole Edilen CD271+ MKH lerin Özelliklerinin Karakterizasyonu ve İmmünohematopoez Destekleyici Özelliklerinin İncelenmesi, 2013 - 2017

AERTS KAYA F. S. F., ÇETİNKAYA F. D., ÖZCAN A., ÇELEBİ SALTİK B., Project Supported by Higher Education Institutions, Kök Hücre Günü 2015, 2015 - 2016

Aerts Kaya F. S. F., Çetinkaya F. D., Project Supported by Other Private Institutions, Endoplasmik retikülüm (ER) stresi indükleyen ve azaltan kimyasalların Mezenkimal Kök Hücrelerin proliferasyonu ve farklılaşma kapasitesindeki rolünün araştırılması, 2015 - 2016

ÖZDEMİR E., KOCA G., AKBIYIK F., AYYILDIZ E., AYDOĞDU G., ÇAKMAK SAYLA F., Project Supported by Higher Education Institutions, DMSO ile kriyoprezerve edilen hematopoietik kök hücrelerden DMSO uzaklaştırılmasının kök hücre sayı ve canlılığı üzerine etkisi, 2015 - 2016

Metrics

Publication: 169

Citation (WoS): 204

Citation (Scopus): 210

H-Index (WoS): 7

H-Index (Scopus): 8

Congress and Symposium Activities

ISEH, Attendee, Frankfurt, Germany, 2017

ESGCT, Attendee, Florence, Italy, 2016
ESGCT, Attendee, Helsinki, Finland, 2015
ESGCT, Attendee, The Hague, Netherlands, 2014
ISEH, Attendee, Vienna, Austria, 2013
ASGT, Attendee, California, United States Of America, 2009
ASH, Attendee, California, United States Of America, 2008
ESGCT, Attendee, Bruges, Belgium, 2008
EHA, Attendee, Kobenhavn, Denmark, 2008
ESGCT, Attendee, Rotterdam, Netherlands, 2007
EBMT, Attendee, İstanbul, Turkey, 2003
EBMT, Attendee, Amsterdam, Netherlands, 1998

Non Academic Experience

Erasmus University Rotterdam, Erasmus Medical Center
Erasmus University Rotterdam, Erasmus Medical Center