

**Name:** MAHMUT CERKEZ ERGOREN

**Date of Birth:** 30/07/1982

**Title:** Doctor (PhD)

**Degrees:** Doctor of Philosophy

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Degree	Field	Institution	Date
BSc	Molecular Biology and Genetics	Halic University	2005
PhD	Human Molecular Genetics	University of Leicester	2013

### **Undergraduate Thesis and Supervisor**

Stem Cell Therapy in Liver Disease

**Supervisor:** Atok Olgun, PhD, Halic University, Faculty of Arts and Sciences, Department of Molecular Biology and Genetics.

### **PhD Thesis and Supervisor:**

Control of Meiotic Recombination at A Human Crossover Hotspot

**Supervisor:** Prof. Sir Alec J Jeffreys, University of Leicester, Faculty of Medicine & Biological Sciences, Department of Genetics.

### **Employee:**

2012- 2013 Eastern Mediterranean University, Faculty of Health Sciences, Lecturer

2013 – Present Near East University, Faculty of Medicine, Department of Medical Genetics, Lecturer/ Researcher

2013 – Present Near East University Hospital, Medical Genetics Laboratory

2014 – Present Near East University, Faculty of Art and Sciences, Department of Molecular Biology and Genetics Lecturer/ Researcher

### **Scientific Position**

2014 – European Society of Human Reproduction and Embryology, National Representative

### **Current Projects:**

1. Genetic epidemiology of Cardiovascular Disease in Turkish Cypriot Population (2014-present)
2. Determination of influence of antropogenic and natural processes on the Cilician Basin (Between Turkish Republic of Northern Cyprus and Turkey) marine ecosystem. (2015- Present)

### **Attended Courses:**

1. “Basic Semen Analysis Course” 7<sup>th</sup> -11<sup>th</sup> April 2014 British Andrology Society, ESHRE and University of Birmingham, Birmingham – UK
2. ESHRE Workshop: “Stem cells: Origins, genetic, properties and significance for fertility preservation” 27<sup>th</sup>-28<sup>th</sup> April 2014 ESHRE, Brussels – Belgium
3. “Cancer and Cancer Stem Cells Workshop” 8<sup>th</sup> – 10<sup>th</sup> October 2015 TUBITAK and Celal Bayar University, Manisa- Turkey

### **Publications:**

#### **Books:**

Stem cells- basics and clinical translation

Mesenchymal Stem Cells in Cancer Therapy

Nedime Serakinci and **Mahmut Cerkez Ergören**

Stem Cells: Basics and Clinical Translation, 337-360. Springer Netherlands.2015

## Papers:

**Mahmut Cerkez Ergoren**, Rameez Hassan Pirzada, Mustafa Arıcı, Nedime Serakinci (2015)

Near East University Genetic Mutation Database (NEU-GD): The First Mutation Database of Northern Cyprus, accepted work to Gene

Anna Kopf, Mesude Bicak, Renzo Kottmann, Julia Schnetzer, Ivaylo Kostadinov, Katja Lehmann, Antonio Fernandez-Guerra, Christian Jeannon, Eyal Rahav, Matthias Ullrich, Antje Wichels, Gunnar Gerds, Paraskevi Polymenakou, Giorgos Kotoulas, Rania Siam, Rehab Z. Abdallah, Eva C. Sonnenschein, Thierry Cariou, Fergal O’Gara, Stephen Jackson, Sandi Orlic, Michael Steinke, Julia Busch, Bernardo Duarte, Isabel Caçador, João Canning-Clode, Oleksandra Bobrova, Viggo Marteinson, Eyjolfur Reynisson, Clara Magalhães Loureiro, Gian Marco Luna, Grazia Marina Quero, Carolin Löschert, Anke Kremp, Marie E. DeLorenzo, Lise Øvreås, Jennifer Tolman, Julie LaRoche, Antonella Penna, Marc Frischer, Timothy Davies, Barker Katherine, Christopher P. Meyer, Sandra Ramos, Catarina Magalhães, Florence Jude-Lemelleur, Ma Leopoldina Aguirre-Macedo, Shiao Wang, Nicole Poulton, Scott Jones, Rachel Collin, Jed Fuhrmann, Pascal Conan, Cecilia Alonso, Noga Stambler, Kelly Goodwinn, Michael M. Yakimo, Federico Baltar, Levente Bodrossy, Jodie Van De Kamp, Dion M. F. Frampton, Martin Ostrowski, Paul Van Ruth, Paul Malthouse49 , Simon Claus, Klaas Deneudt, Jonas Mortelmans, Sophie Pitois, David Wallom, Ian Salter, Rodrigo Costa, Declan C. Schroeder, Mahrous M. Kandil, Valentina Amaral41 , Florencia Biancalana, Rafael Santana, Maria Luiza Pedrotti, Takashi Yoshida, Hiroyuki Ogata, Tim Ingleton, Kate Munnik , Naiara Rodriguez-Ezpeleta, Veronique BerteauxLecellier, Patricia Wecker, Ibon Cancio, Daniel Vaultot, Christina Bienhold, Hassan Ghazal, Bouchra Chaouni, Soumaya Essayeh, Sara Ettamimi, El Houcine Zaid, Nouredine Boukhatem, Abderrahim Bouali, Rajaa Chahboune, Said Barrijal, Mohammed Timinouni, Fatima El otmani75 , Mohamed Bennani, Marianna Mea, Nadezhda Todorova, Ventzislav Karamfilov, Petra ten Hoopen, Guy Cochrane , Stephane L’Haridon, Kemal Can Bizsel, Alessandro Vezzi81 , Federico M Lauro, Patrick Martin, Rachele M. Jensen, Jamie Hinks, Susan Gebbels, Riccardo Rosselli, Fabio de Pascale, Riccardo Schiavon, Antonia dos Santos, Emilie Villar, Stéphane Pesant, Bruno Cataletto, Francesca Malfatti, Ranjith Edirisinghe, Jorge A. Herrera Silveira, Michele Barbier, Valentina Turk, Tinkara Tinta, Wayne J. Fuller, Ilkay Salihoglu, Nedime Serakinci , **Mahmut Cerkez Ergoren**, Eileen Bresnan, Juan Iriberry, Paul Andres Fronth Nyhus , Edvardsen Bente, Hans Erik Karlsen , Peter Golyshin, Josep M Gasol, Snejana Moncheva, Nina Dzhembekova, Zackary Johnson, Christopher David Sinigalliano, Maribeth Louise Gidley , Adriana Zingonel, Roberto Danovaro , George Tsiamis, Melody S. Clark, Ana Cristina Costa, Monia El Bour, Ana M. Martins, R. Eric Collins, Anne-Lise Ducluzeau, Jonathan Martinez , Mark J. Costello118, Linda A. Amaral-Zettler, Jack A. Gilbert, Neil Davies, Dawn Field, Frank Oliver Glöckner (2015) “The ocean sampling day consortium” *GigaScience* 4:27 DOI 10.1186/s13742-015-0066-5

## International Symposiums and Conferences:

The effects of paternal age on reproductive outcome in oocyte donation program

**Mahmut C Ergoren**, Ali Kizilkanat, , Meral Gültomruk, Halil I. Tekin, Nedime Serakinci

1st Meeting on Controversies in Preconception, Preimplantation and Prenatal Genetic Diagnosis 2015 Paris- France

Control of Meiotic Recombination at a Crossover Hotspot

**Mahmut C Ergoren**, Ingrid L Berg, Peter Donnelly, Alec J Jeffreys

II. British Meiosis Meeting 2010 Leicester-England

Control of Meiotic Recombination in the Human Genome

**Mahmut C Ergoren**, Ingrid L Berg, Peter Donnelly, Alec J Jeffreys

10th International Symposium on Mutations in the Genome 2009, Paphos, Cyprus

Control of Meiotic Recombination in the Human Genome  
IX. The European Human Genetics Conference 2009, Vienna, Avustria

Process of Allelic and Ectopic Recombination in The Human Genome  
Alec Jeffreys, Ingrid L. Berg, **Mahmut C. Ergoren**, Kwan-Wood G. Lam, Victoria E. Lawson, Celia A. May, Rita Neumann, Linda-Odenthal-Hesse, Shriparna Sarbajna 2009, Cambridge – England

Meiotic Recombination in The Human Male Germ-line  
Shriparna Sarbajna, Ingrid L. Berg, **Mahmut C. Ergoren**, Kwan-Wood G. Lam, Victoria E. Lawson, Celia A. May, Rita Neumann, Linda-Odenthal-Hesse, Alec J Jeffreys  
I. British Meiosis Meeting, University of Sussex, 2009 Brighton – England

Meiotic Recombination in the Human Genome  
I. International Medical Research Student Congress 2007, Istanbul-Turkey  
DNA Shuffling Between Generations  
**Mahmut Cerkez Ergoren**, Ingrid Berg, Alec Jeffreys  
University of Leicester, Festival of Postgraduate Research , Leicester- England

A microbial model for Polycystic Kidney Disease Gene 2 (PKD2)  
Christopher Palmer, **Mahmut C Ergoren**, Ebru Aydar, Mustafa Djamgoz  
31<sup>st</sup> FEBS CONGRESS 2006 Istanbul-Turkey

#### **National Symposiums and Conferences:**

Meiotic Recombination and Linkage Studies – Invited Speaker  
Istanbul Kultur University – 30<sup>th</sup> December 2014, Istanbul – Turkey

Creating Human Mutation Databases: Near East Genetic Mutation Database  
Rameez Hassan, **Mahmut Çerkez Ergören**, Mustafa Arııcı, Nedime Serakıncı  
XI. Medical Genetics Congress, 2014, Istanbul – Turkey

The factor of Vitamin D Receptor (VDR) gene variations in metabolic syndromes and using VDR polymorphisms as biomarkers for cardiovascular diseases.  
Meral Karafistan Kızıllkanat, **Mahmut Çerkez Ergören**, Nedime Serakıncı  
XI. Medical Genetics Congress, 2014, Istanbul – Turkey

Control of Meiotic Recombination at a Crossover Hotspot  
**Mahmut C Ergoren**, Rita Neumann, Ingrid L Berg, Alec J Jeffreys  
XIII. National Medical Biology and Genetics Congress, 2013, Kusadasi- Turkey

The Role of Vitamin D Receptor Gene Polymorphisms at the Metabolic Syndromes And Obesity  
Meral Karafistan, Eda Becer, **Umut Fahrioğlu**, Mahmut Ç. Ergören, Güldal Mehmetcik, Nedime Serakıncı  
XIII. National Medical Biology and Genetics Congress, 2013, Kusadasi- Turkey

#### **Memberships:**

Genetic Society

European Society of Human Reproduction and Embryology

European Society of Human Genetics

#### **Courses Taught**

Medical Biology and Genetics (Faculty of Medicine, Faculty of Dentistry, Faculty of Health Sciences)  
Genes, Development and Inheritance (MSc and PhDs)  
Nutrigenetics and Nutrigenomics (Department of Molecular Biology and Genetics)  
Population Genetics and Genetic Epidemiology (Department of Molecular Biology and Genetics)  
Evolution Genetics (Department of Molecular Biology and Genetics)  
Medical Genetics (Department of Molecular Biology and Genetics)  
Basic Principles of Genetics (Department of Molecular Biology and Genetics)  
Molecular Cell Biology (Department of Molecular Biology and Genetics)  
Advanced Biotechnological Methods (MSc and PhDs)

**Language Skills:**

Turkish (mother language), English (advanced), Greek (intermediate) (University of Leicester Language Unit)

**Awards:**

University of Leicester, Department of Genetics, Postgraduate Supporting Grant (Ekim 2006- Haziran 2010)

Turkish Republic of Northern Cyprus, Ministry of Education, Supporting Grant (January 2005-June 2005)

Turkish Republic of Northern Cyprus, Ministry of Education, Supporting Grant (January 2007-June 2011)