

WELCOME LESSON
of
GENETIC COUNSELLOR

Master degree
Dicember 1st, 2021

Prof. Alessandra Renieri

Deniz İçden

Education & Experiences

- **-BSc in Molecular Biology and Genetics**
- Bahçeşehir University, Istanbul, Turkey (2017-2021)

- **-High School**
- Gelisim High School for Science, Eskisehir, Turkey (2013-2017)

- **-Internship**
- Osmangazi University, Genetic Disorders, Pre-birth Diagnosis, Biotechnical Application and Research Center (GENTAM), Eskisehir, TURKEY (June-July 2019)
- BioLim Centre for Science and Technology, Stem Cell Program, Chennai, India (Online)



Education & Experiences

-Undergraduate Research Assistant & Voluntary Laboratory Assistant

Bahçeşehir University, Genetics Laboratory, Istanbul, Turkey

-Congress'

World CRISPR Day Symposium I & II, October 2020, 2021

BAUGEN'19 Molecular Biology & Genetics Student Congress, *Organizing Board**, November 2019

ITU Molecular Biology & Genetics Student Congress, October 2018

*Board Member of BAU Molecular Biology and Genetics Club, 2018-2019 Academic Year

Motivation for the Course

- Following the internship I have done in GENTAM, which gave me the chance to work on non-invasive genetic testing for prenatal testing and cytogenetic analysis and diagnosis for of diseases, I have decided to follow a path genetic counseling and to follow that path in the area of prenatal diagnosis, screening & counseling.

Vera Giacomazzi



- Graduated from Liceo Scientifico G. Marconi, Conegliano, Italy, in 2017
- Graduated from Ohio University, Athens, OH, in Biological Sciences in 2021
- Scholar awards:
 - All-Academic MAC team
 - Dean's list
- Volunteering activities:
 - Turn it Gold
 - Dig Pink
 - Retirement Homes

Why Genetic Counseling

I firstly came across GC almost accidentally. Once I had the chance to interview GCs from all over America and be part of the Ohio State GC Club, I understood how attracted I was to this field of Genetics. I am thrilled to have the chance to do research and to have the opportunity to build one-on-one relationships with patients.



Rosana Gabaldón
Quiñones
Paterna de Rivera
(SPAGNA)

WHY GENETIC COUNSELING?

During my internship, I was given the opportunity to be in touch with the prenatal genetic counseling field, by analysing genealogic trees and paying attention at the explanation that had been given to the patients. Thanks to that chance, I was able to find that prenatal genetic counselling was the area where I would like to work.

EDUCATION

- MASTER'S DEGREE IN MEDICAL GENETICS. UNIVERSITY OF EUROPEAN PEOPLES. (2020-2021)
- DEGREE IN BIOTECHNOLOGY. UNIVERSITY OF EXTREMADURA (2016-2020).

EXPERIENCE

INTERNSHIP AT THE ASSISTED REPRODUCTION UNIT. VITHAS VIGO HOSPITAL (JULY 2019-SEPTEMBER 2019).

VOLUNTAREEING AND COURSES

- EXPERTISE IN DEPRESSIVE AND ANXIETY DISORDERS.
- HUMAN CYTOGENETICS COURSE. HUMAN CYTOGENETICS INSTITUTE OF ARGENTINA.
- WEBINARS- IGENOMIX.

Who am I?

- Nicole Fife, 21 years old
- Italian but lived in the Netherlands, Germany, Belgium, UK and France
- I love Boxing, and was the treasurer of my boxing club in the UK



Education

- High school:
 - French Scientific Baccalaureate in Brussels (2016-2018)
- Bachelor:
 - BSc in Medical Sciences with Human Genomics at the University of Exeter, UK (2018-2021)

Why did I choose this course?

What brought me to genetic counselling is really the joining of genetics and contact with a patient. Counselling roles in mental health disorders have allowed me to learn how to form relationships with patients. I have pursued my passion for genetics by choosing to specialise in the Human Genomics part of my bachelor, which enabled me to write a dissertation on an X-linked genetic disease (Fabry Disease). After an internship shadowing geneticists from different fields, I realised that prenatal genetic counselling is what interests me the most and I am eager to start this course!

GIULIA CAMPOLMI

ACHIVED DIPLOMA and DEGREE :

- DIPLOMA IN LICEO SCIENTIFICO OPZIONE SCIENZE APPLICATE - APPLIED SCIENCES (HIGH SCHOOL), RUSSELL-NEWTON in Scandicci (Florence, ITALY)
- BACHELOR'S DEGREE IN BIOTECHNOLOGY, UNIVERSITY OF SIENA (ITALY)



INTERNSHIPS AND OTHER EXPERIENCES

- 2016, short internship at THE CUBE - Hospital Careggi (Florence, Italy) in a molecular biology lab.
- 2019-2021, internship at the Department of Molecular and Developmental Medicine.
- 2021, OpenBadge Bright Night in Siena.

WHY GENETIC COUNSELLORS?

During the last year of Biotech, I studied Molecular diagnostics in fertilization and I found particular pleasure on studying it because it was so interesting and fascinating that I tried to find a master degree to wide my curiosity and to learn more. In the specific I found really intriguing the pre-implantation diagnosis and I would like to deepen my knowledge about it.

Later on I came across Genetic Counsellors and I am so aeger to start it!

Lyazid Drissi Yahyaoui

Hi, it's Lyazid and I am 22 years old
I am originally from Morocco, currently
living in Budapest, Hungary.



Education & Internships

High school: Life and Earth Sciences, ICBR (Institut Culturel De Bouregreg). Rabat Morocco

BSc: Genomics, University of Mohammed 5 (UM5s). Rabat, Morocco

Internships & other courses:

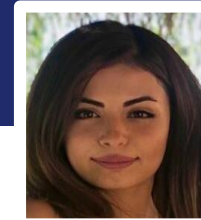
- Cancer Bioinformatics. (ELTE) Budapest, Hungary (2020, ongoing)
- Data Science in Healthcare & Precision Medicine (University of Edinburgh), UK (Online).
- Bioinformatics at Medical Biotechnologies Laboratory, Rabat (MedBioTech) (Dec 2019-Jul 2020)
- Civil Engineering at ONEE, Rabat (2018)

Motivation

I was introduced to the term "Genetic counselling" when I did some research that was related to my Pharmacogenomics class during my BSc. While listening to different case studies, I was fascinated by how Genetic Counselors are using and mastering a lot of skills in several areas: Genetics, Ethics, Communication, Psychology, Statistics etc... And thought that someday I should learn more about this field by at least listening to more counselling case studies. I never thought I'll have the chance to pursue a MSc in this particular field. I am glad I discovered it and I am looking forward to start this program.

Homa Masoum

IRAN



personal Information

- First Name: Homa • Last Name: Masum
- Date of Birth: 28/07/1997 • Gender: Female

Education

- 2011-2015 High School Diploma in Empirical Science, Niloufar School, Mashhad, GPA 18.34/20.
- 2015-2019 B.Sc. in Microbiology, Azad University, Mashhad Branch, GPA 15.04/20.

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Work experience

- 20 March - 21 July 2020,
Lab Intern in Microbiology and Hematology Section, Iran Mehr Pathobiology laboratory, Mashhad-Iran

- 2015 September – 2015 November, Adult Education Teacher

2020 November – 2021 June, Adult Education Teacher

Certificates

- 26 June-21 August 2020,
60-hour training course of Medical Examination Diagnostic Laboratory - ICS, Iran.

Motivation

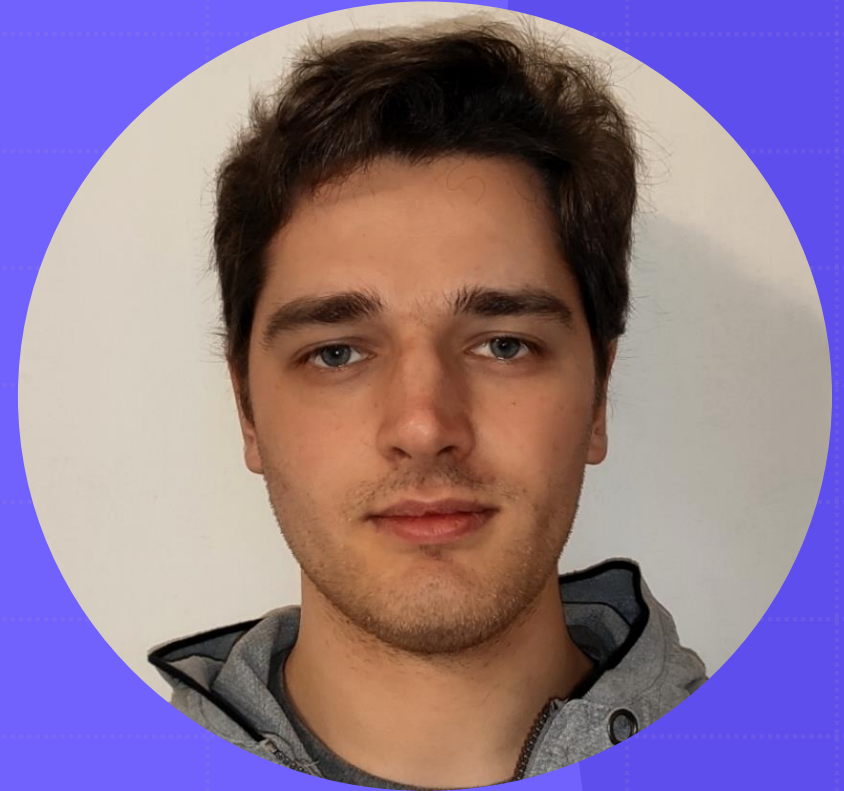
• I developed my passion for Genetics during my internship at maternity Hospital. I found to learn the techniques such as chromatography and ELISA which encouraged me to study genetic counseling for my master and I hope to work in this field

ELIA PEDRALI

My name is Elia, I am 23 years old and live in Venice. My hobbies are swimming, drawing and cinema (in 2017 I won the «Leoncino d'oro» prize at the Venice Film Festival).

ACADEMIC FORMATION:

- **Classical High School Diploma at Liceo Classico Tito Livio, Padova**
- **Bachelor's Degree in Biology at the University of Padova, thesis on ADAR enzyme and gene editing.**



WHY GENETIC COUNSELING?

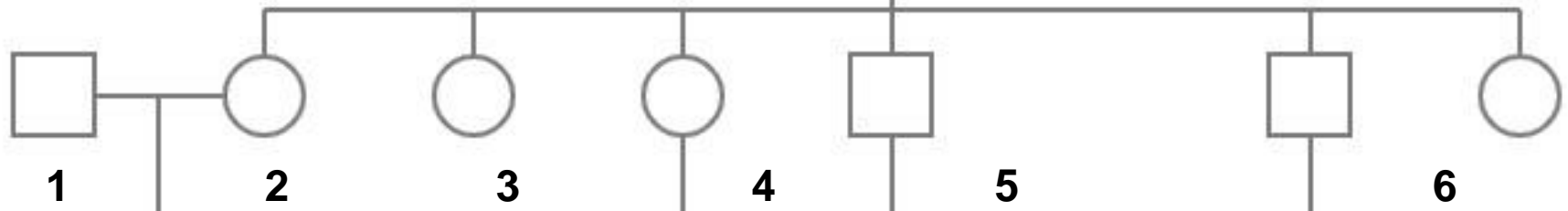
As I was about to graduate from the bachelor's degree I didn't really know what I wanted to specialize in, until I discovered this brand new Course and the profession of the Genetic Counsellor. The job outlook is very promising, as it is a **new** and **growing field** and suddenly I realized it could be the most fitting path for me also for more **personal reasons**; in my family there are two cases of **Autism Spectrum Disorders**, one being my brother, Lorenzo, and the other being my cousin, Pietro. Since I have always been part of their life and environment, I hope to establish a more immediate connection with future patients and follow closely the course of scientific research. In the next slide I drew my family's pedigree (*sort of*).

I

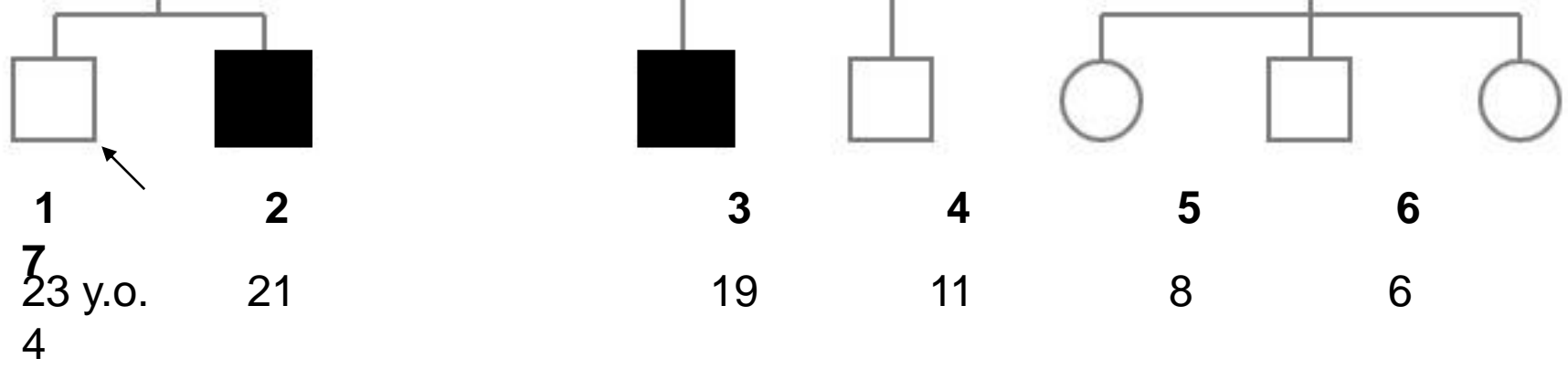
Hypothesis of a mutational event in the genome of my maternal grandmother (pattern of inheritance related to the X chromosome?).



II



III



CIAO!!

I AM SHAFIQUE FATIMA,

26 YEARS OLD AND CURRENTLY LIVING IN INDIA

MY HOBBIES INCLUDE TRAVELLING, PHOTOGRAPHY, HIKING AND COOKING



EDUCATION & EXPERIENCE

- UG : B.Tech Genetic Engg from SRM University, Chennai, India
- PGCert: Medical Genetics from University of Chester, Chester, UK

- Currently working as Technical Officer/ Social Investigator at National Centre of Disease Informatics and Research (ICMR-NCDIR), India.
- Worked as Cancer Pathway Coordinator at Oxford university hospitals NHS Foundation trust, Oxford, UK

INTERNSHIPS & CONFERENCES

- **Apollo Hospitals Ranchi** , Counseling patients on sickle cell anemia in malarial endemic zone of Jharkhand
- **Bioklone Chennai**, Animal cell culture techniques and maintenance of hybridoma cell lines.
- **Kamenini Hospitals ,Hyderabad** , worked as shadowing genetic counsellor under Dr Annie q Hassan (president of BGCI India) for four months. The work focused on genetics and counselling on pre natal , paediatrics , cancer genetics, new born screening , pedigree analysis , risk factor determination, pre pregnancy counselling etc.
- **Jharkhand Thalassemia Foundation**, volunteer work as clinical counsellor/advocate for more than two hundred people suffering from blood related disorders.

EVENTS VOLUNTEERED

- Public Awareness Campaign "**Rare Disease Day**", at SRM University, Kattankulathur.
- Public Awareness Program "**Microbes Around Us**", at SRM University, Kattankulathur.

SEMINARS AND SYMPOSIUM

- Delegate, **Indian Genetic Congress**, at SRM University, Kattankulathur.
- Delegate, **The Indian society of Human Genetics** at Mumbai

POSTER PRESENTATIONS & PROJECTS

- Presented poster on Awareness and counseling on Thalassemia and Sickle cell Anemia to the rural region families of Jharkhand at SRM University, Chennai
- Presented poster on Gene therapy on beta thalassemia using lentivirus at university of Chester, Chester, UK
- Did project on The influence and impact of genetic counseling and testing on consanguineous population

WHY GENETIC COUNSELING?

In 2014 during my first internship, working on project Thalassemia and sickle cell anemia in the malarial endemic zone of Jharkhand, I began to develop interest in the field of genetic counseling. During this project, I encountered an astonishing situation where lives were compromised due to mismanagement and lack of knowledge, awareness and facilities. Bagging a degree in genetic counseling will be a stepping stone for my professional career and will support my overall goal of working in multiple settings including prenatal, cancer risk, and neurogenetics to become a discerning, empathic, independent, open-minded, adaptive, strategic and inclusive genetic counselor.

BUSE ALTINTAŞ



- High School
Pendik Fatih Anatolian High School, İstanbul, Turkey, 2017
- BSc in Nursing
Marmara University, İstanbul, Turkey, 2021
- Internships:
 - Pendik State Hospital
 - Marmara University Pendik Hospital
 - Kartal Uğurmumcu Family Health Center
 - İstanbul Süreyyapaşa Chest Diseases and Thoracic Surgery Training and Research Hospital
 - Kartal Dr. Lütfi Kırdar Training and Research Hospital, İstanbul, Turkey
- Volunteering Activities:
Kızılay – Blood donation help and support, 2019

WHY GENETIC COUNSELLORS ?

- As far as I can remember, studying genetics has always interested me. So, the idea of doing something about genetics was always in my mind, even though I have a nursing degree. Luckily I had an opportunity to observe some cases and work with the patients during my nursing internships in last couple of years. Therefore, I decided to work on this field for my future. I came across this course and I could not be happier. I am really looking forward to start this program and learn new things!

Cecilia Altemura



- 22 years old
- Massarosa, Tuscany, Italy

Experience and work as :

- Lifeguard
- Swimming instructor
- Children's entertainment

Education

- **High school:**
Scientific High School option Applied Sciences (2013-2018)
A.Vallisneri, Lucca, Italy



- **University:**
 - *Bachelor's Degree in Biotechnology at University of Pisa*
 - **Thesis internship:**
Department of Biology, unit of cell and development biology

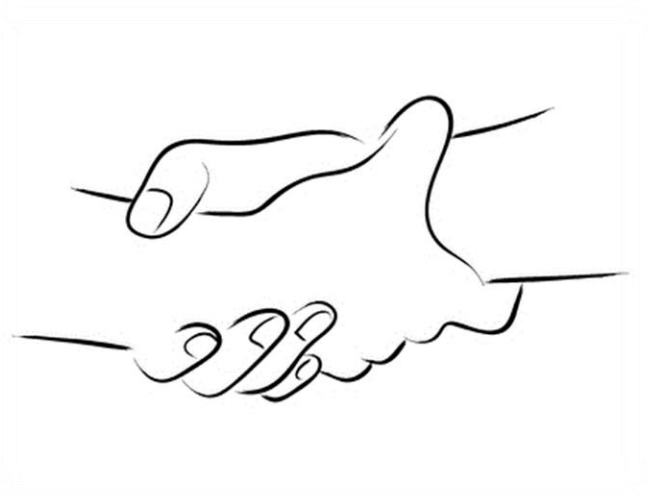


Thesis topic: *Role of autophagy in the pathogenesis of Ataxia-telangiectasia using zebrafish as a model organism. Gene expression analysis of the autophagic gene ATG4C after treatment with an ATM inhibitor.*



Why genetic counsellors?

I developed the interest for genetic and these topic during the bachelor's degree and while I was searching for a master degree, I found this course in Siena. I decide to start this master because I would like to explore this field of genetic counseling. I love the fact that it combines the clinical, psychological, ethic, emotional aspects and also laboratory activities all together. I'm happy to have the opportunity with this course to establish a personal relationship of confidence and trasparency with patients.





Mª Lourdes Vila Frigola

Sentmenat (SPAGNA)

Education

- BSc in Genetics in the Autonomous University of Barcelona (UAB)
- MSc in Translational Biomedical Research in the Vall d'Hebron research institute (VHIR-UAB)

Internships and experience

- BSc internship in the Human Anthropology department of the UAB
- MSc internship in the Melanoma research group of the VHIR
- Eurodyssse internship program in Artialis S.A. (Belgium)

Why Genetic Counselling?

When I was studying my degree in Genetics I realised that what I was most passionate about was Genetic Counselling. However, there was no master's degree in Spain at that point, so I decided to go into biomedical research. But while I was doing my internship, I realised that, although studying cancer or rare diseases is exciting, my real passion was to become a Genetic Counsellor, so I decided to be brave and go for it. I can't wait to start the Master's degree and to one day become a good professional in this field and be able to help many people with this exciting profession we have chosen.

Ashley Nicolas

Previously achieved degree:

BSc in Honours Science, with Biology Minor, Psychology Minor, and Aging Studies Option from the University of Waterloo

Experience:

Volunteered with a housing co-op, a crisis support line, and a children's literacy group.

Worked in journalism, municipal government, and medical laboratory services.

Motivation for the course:

I first learned of genetic counselling in my senior year of undergrad. Since then, I've attended conferences, webinars, and discussion groups to get a better understanding of the field. I've also job shadowed in my hometown, and realize this is the best way for me to combine my academic and interpersonal passions. Excited to get started on my genetic counselling journey!



From: London, Canada

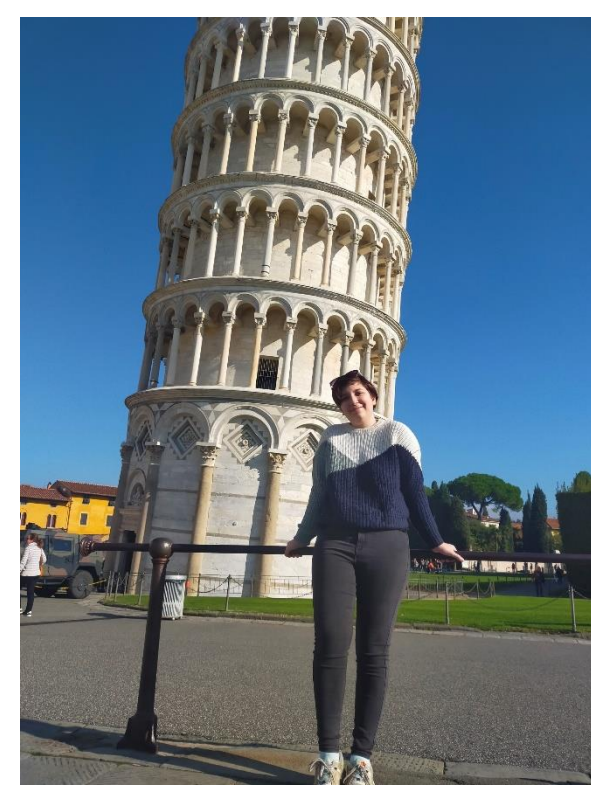
**Interests: Writing,
travelling, crocheting,
Netflixing, and eating**

Anastasia Ianyshevskaia, 22

Leningrad State University named after
Pushkin, Russia 2017-2021
Biotechnology – Molecular biology

Passionate about genetics and especially
cancer genetics

Want to experience better,
international education



Emma Godden

About me

I am originally from New Zealand but I have been living in London, UK for 2.5 years

Work and Education

Bachelor of Science in Plant Biotechnology with minor in Psychology

1.5 years working as a tutor for children with ASD

Motivation

I am passionate about Genetics and I became interested in Genetics Counselling while studying genetics at University. I am especially interested in the area of fertility and PGD testing.



First semester plan

December 1st – March 11th



GENETIC COUNSELLORS

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I sem

2021-2022


Dal 1.12.2021
al 11.03.2022

DBM

DEGREE COURSE	YEAR	SEM	INTEGRATED COURSE	MODULE	CFU	HOURS	TEACHER	DEPARTMENT
CLM GENETIC COUNSELLORS PDS coorte 21-22	I	1	Human Genetics	Human Genetics	6	36	OZCELIK HAZAN TAYFUN	Bilkent University
CLM GENETIC COUNSELLORS PDS coorte 21-22	I	1	Human Genetics	Professional Training	4	100	LONGO ILARIA COORDINATORE	AOUS
CLM GENETIC COUNSELLORS PDS coorte 21-22	I	1	Formal genetics, statistics, probability and risk calculation	Formal genetics, statistics, probability and risk calculation	6	36	HADZSIEV KINGA FELICIA	Pecs University
CLM GENETIC COUNSELLORS PDS coorte 21-22	I	1	Formal genetics, statistics, probability and risk calculation	Professional Training	4	100	FRULLANTI ELISA COORDINATORE	DBM

Thursday 9	Session 10 pre-registered training	Update on Genomic and epigenomic discovering of human genome	Homework	Homework	TEST on session 5-10	TEST on session 5-10			
Friday 10									
Saturday 11									

DECEMBER	9.00 – 10.00	10.00 – 11.00	11.00 – 12.00	12.00 – 13.00	14.00 – 15.00	15.00 – 16.00	16.00 – 17.00	17.00 – 18.00	18.00 – 19.00
Monday 13									
Tuesday 14	Session 11 pre-registered training	Update on Biobank and pharmaceuti- cal research	Homework	Homework	Session 12 pre-registered training	Update on treatment options for genetic disease	Homework	Homework	
Wednesday 15									
Thursday 16	Session 13 pre-registered training	Update on liquid biopsy and cancer	Homework	Homework	Session 14 pre-registered training	Update on large-scale genomics	Homework	Homework	
Friday 17	Session 15 pre-registered training	Update on therapy for Mendelian disorders	Homework	Homework	TEST on session 11- 15	TEST on session 11- 15			

Wednesday 12									
Thursday 13	Session 20 pre-registered training	Update on gene regulation	Homework	Homework	Session 21 pre-registered training	Update on new neurodevelopmental disorders	Homework	Homework	
Friday 14	Session 22 pre-registered training	Update on repeats and structural variants in Mendelian disorders	Homework	Homework	TEST on session 16-22	TEST on session 16-22	visit to the laboratory of Medical Genetics - Ilaria Longo	visit to the laboratory of Medical Genetics - Ilaria Longo	
Saturday 15									


Prof. Ilaria Longo

Prof. Ozcelik Tayfun
- Bilkent University,
Dep. of Molecular
Biology and Genetics



	9.00 – 10.00	10.00 – 11.00	11.00 – 12.00	12.00 – 14.00	14.00 – 15.00	15.00 – 16.00	16.00 – 17.00	17.00 – 18.00	18.00 – 19.00
Monday 17	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN					
Tuesday 18									
Wednesday 19	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN					
Thursday 20	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN	Human Genetics OZCELIK TAYFUN					

**JANUARY /
FEBRUARY**

	9.00 – 10.00	10.00 – 11.00	11.00 – 12.00	12.00 – 13.00	14.00 – 15.00	15.00 – 16.00	16.00 – 17.00	17.00 – 18.00	18.00 – 19.00
Monday 31	Session 23 pre-registered training	Update on Mendelian diseases	Homework	Homework	Session 24 pre-registered training	Update on ELSI	Homework	Homework	
Tuesday 1	Session 25 pre-registered training	Update on Omics approaches	Homework	Homework	Session 26 pre-registered training	Update on gene regulation	Homework	Homework	
Wednesday 2									
Thursday 3									
Friday 4	Session 28 pre-registered training	Update on Cell-free DNA	Homework	Homework	TEST on session 23-28	TEST on session 23-28	visit to the laboratory of Medical Genetics - Elisa Frullanti	visit to the laboratory of Medical Genetics - Elisa Frullanti	
Saturday 5									

Prof. Elisa Frullanti

FEBRUARY

	9.00 – 10.00	10.00 – 11.00	11.00 – 12.00	12.00 – 13.00	14.00 – 15.00	15.00 – 16.00	16.00 – 17.00	17.00 – 18.00	18.00 – 19.00
Monday 7	Session 29 pre-registered training	Update on Genomic and health	Homework	Homework	Session 30 pre-registered training	Update on antisense therapy	Homework	Homework	
Tuesday 8	Session 31 pre-registered training	Update on gene- environment interactions	Homework	Homework	Session 32 pre-registered training	Update on ELSI and PRS	Homework	Homework	

Wednesday 9									
Thursday 10	Session 34 pre-registered training	Update on immune traits	Homework	Homework	Session 35 pre-registered training	Update on metabolic disorders	Homework	Homework	
Friday 11	Session 36 pre-registered training	Update on populations studies	Homework	Homework	TEST on session 29-36	TEST on session 29-36			
Saturday 12									

FEBRUARY	9.00 – 10.00	10.00 – 11.00	11.00 – 12.00	12.00 – 13.00	14.00 – 15.00	15.00 – 16.00	16.00 – 17.00	17.00 – 18.00	18.00 – 19.00
Monday 14	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	
Tuesday 15	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA		
Wednesday 16	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA		
Thursday 17	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA		
Friday 18	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA	Formal genetics, statistics, probab. and risk calculation HADZSIEV KINGA		

Prof. Hadzsiev Kinga - Head of the Department of Medical Genetics, Medical School, University of Pécs, Hungary

Gmeet link for the pre-registered training:

meet.google.com/dno-ceqf-ffd

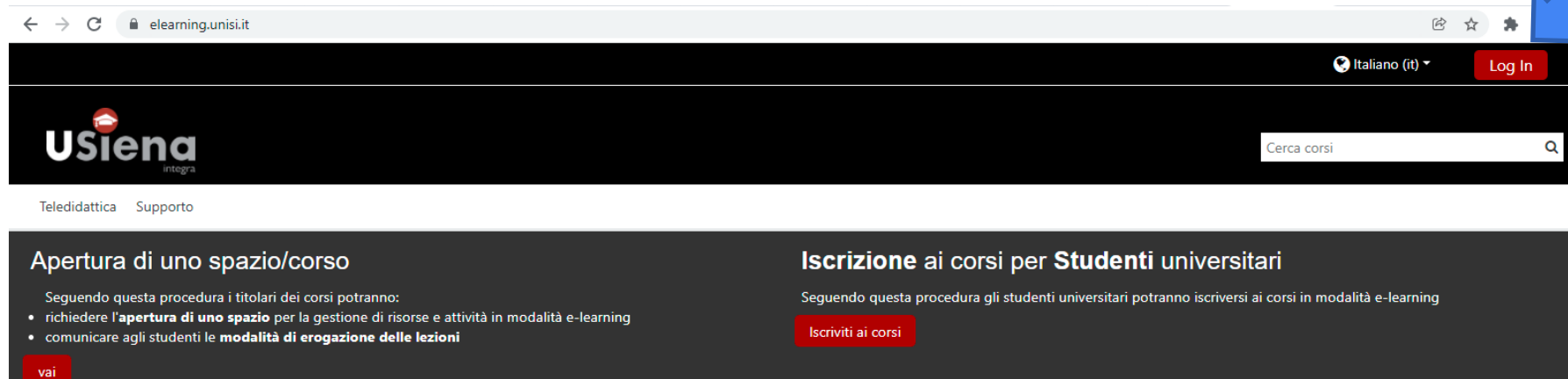
exam dates – mandatory in person

- March 14th 2022
- April 6th 2022

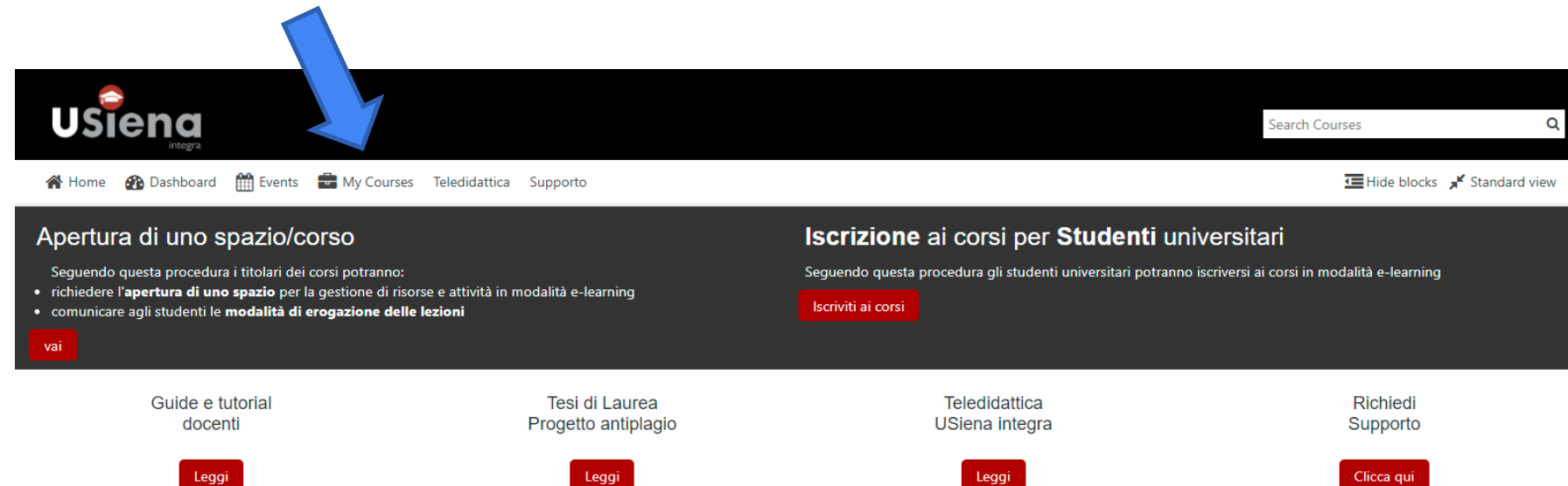
Where to find the slides of the formal lessons

Step 1: Go to: <https://elearning.unisi.it/>

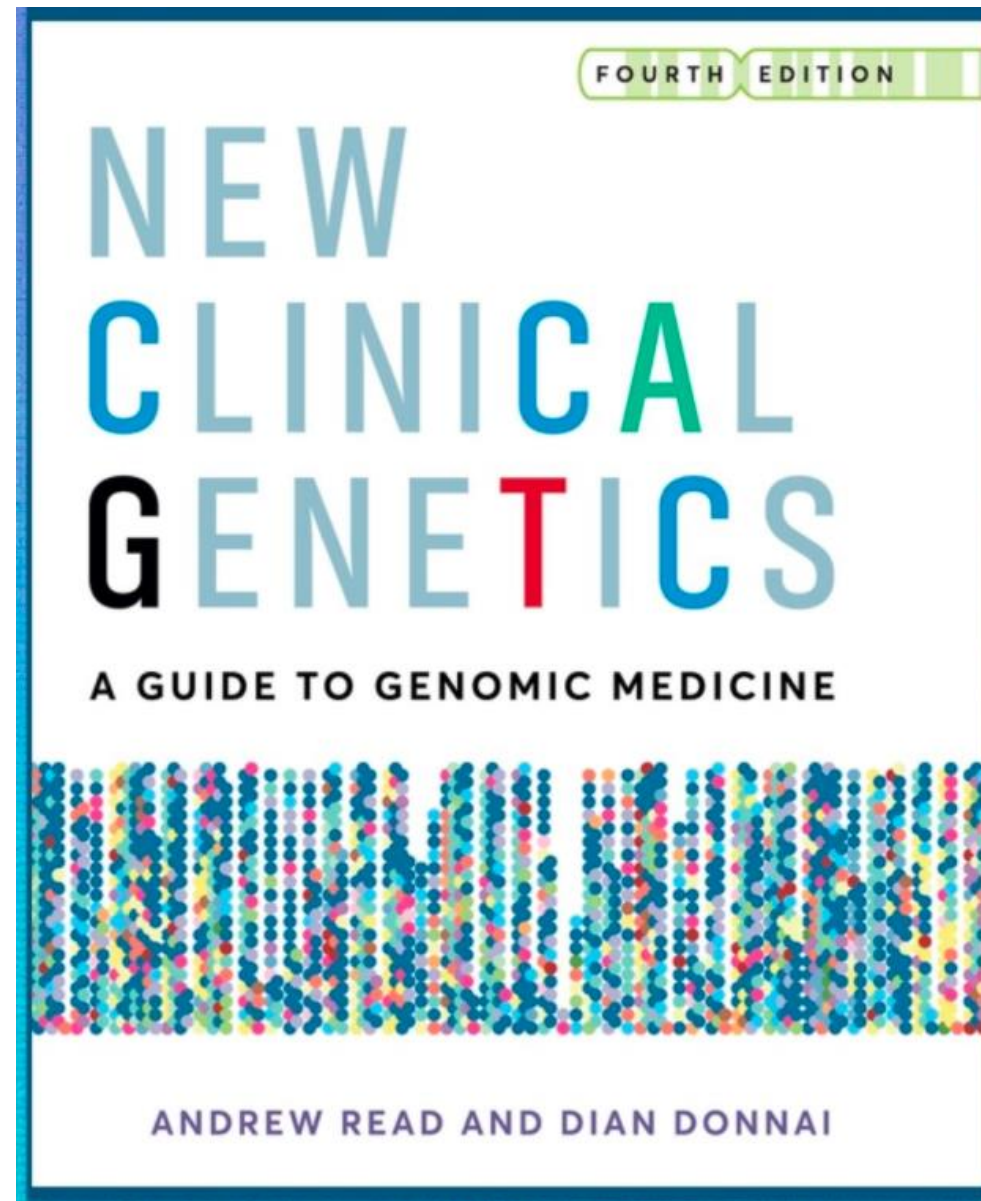
Step 2: log in with UNISI credentials



Step 3: search in “my courses” the specific teaching of each professor. You will find there the slides for the formal lessons for each specific subject.



The textbook



Diploma Supplement

- Oncological Genetic Counseling
- Prenatal/Preimplantation Genetic Counseling
- Genetic Counselling in Neurodevelopmental Disorders
- Genetic Counselling in Neurology



1									
Mercoledì 2	Clinical training in oncological genetic counselling: Grosseto (Campolmi Giulia)	Clinical training in oncological genetic counselling: Grosseto (Campolmi Giulia)	Clinical training in oncological genetic counselling: Grosseto (Campolmi Giulia)	Clinical training in oncological genetic counselling: Grosseto (Campolmi Giulia)	Clinical training in oncological genetic counselling: Grosseto (Campolmi Giulia)				
Giovedì 3	Clinical training in oncological genetic counselling: MONTEVARCHI (Altemura Cecilia)	Clinical training in oncological genetic counselling: MONTEVARCHI (Altemura Cecilia)	Clinical training in oncological genetic counselling: MONTEVARCHI (Altemura Cecilia)	Clinical training in oncological genetic counselling: MONTEVARCHI (Altemura Cecilia)	Clinical training in oncological genetic counselling: AREZZO (Altemura Cecilia)	Clinical training in oncological genetic counselling: AREZZO (Altemura Cecilia)	Clinical training in oncological genetic counselling: AREZZO (Altemura Cecilia)	Clinical training in oncological genetic counselling: AREZZO (Altemura Cecilia)	
Venerdì 4									
Sabato 5									

FEBBRAIO	9.00 – 10.00	10.00 – 11.00	11.00 – 12.00	12.00 – 13.00	14.00 – 15.00	15.00 – 16.00	16.00 – 17.00	17.00 – 18.00	18.00 – 19.00
Lunedì 7									
Martedì 8									
Mercoledì 9	Clinical training in oncological genetic counselling: Val Di Chiana (Fife Nicole)	Clinical training in oncological genetic counselling: Val Di Chiana (Fife Nicole)	Clinical training in oncological genetic counselling: Val Di Chiana (Fife Nicole)	Clinical training in oncological genetic counselling: Val Di Chiana (Fife Nicole)	Clinical training in oncological genetic counselling: AREZZO (Fife Nicole)	Clinical training in oncological genetic counselling: AREZZO (Fife Nicole)	Clinical training in oncological genetic counselling: AREZZO (Fife Nicole)	Clinical training in oncological genetic counselling: AREZZO (Fife Nicole)	

Extracurricular Italian course for foreigners *Dicember 2021*



Welcome to this new and exciting course of study!!



We wish you a happy accademic year

