



Aurelio Pio Russo

WORK EXPERIENCE

First Responder

Croce Rossa Italiana - Italian Red Cross [2017 – Current]

City: Nocera Superiore | Country: Italy

Volunteer at Italian Red Cross, Comitato Locale Agro, detachment of Nocera Superiore.
BLS course, BLSD course, Simulator course, OPEM (Emergency Operator) course.

Preparator-Demonstrator

Anatomy and Embryology Department, UMFST Targu Mures [09/2021 – 06/2024]

City: Targu Mures | Country: Romania

EDUCATION AND TRAINING

First School Cycle Diploma (Mid School)

Scuola Media Statale "Fresa-Pascoli" [09/2009 – 29/06/2012]

Address: 84015 Nocera Superiore (Italy) | Final grade: Seven (7)

High School Diploma

I.I.S. G. Marconi [2012 – 2017]

Address: 84014 Nocera Inferiore (Italy) | Final grade: 89/100 | Level in EQF: EQF level 4 | National classification:
Informatic Technician, Developer, Database technician | Thesis: Buddhism and Religions: a Technological approach
in the historical contest

Medical Doctor Degree

Universitatea de Medicina, Farmacie, Științe și Tehnologie "George Emil Palade", (UMFST) [2018 – 2024]

City: Targu Mures | Country: Romania

Record of Achievement

World Health Organization

Field(s) of study: Health and welfare: • Medicine | Final grade: 19.5/20 (97.5%) | Thesis: Rapid diagnostics for tuberculosis detection

- Explain the rationale for delivering diagnostic services and illustrate the key components and organization of a TB diagnostic network in different settings;
- Describe the steps to be implemented when introducing a new diagnostic tool into an existing laboratory network;
- Describe the TB diagnostic algorithms that incorporate the most recent WHO recommendations for detecting TB and DR-TB and outline considerations needed to be made for the implementation these new algorithms;
- Explain indicators and targets and interpret results for performance monitoring of the laboratory network.

Record of Achievement

World Health Organization

Field(s) of study: Health and welfare: • Inter-disciplinary programmes and qualifications involving health and welfare | Final grade: 19.7/20 (98.5%) | Thesis: Ethics and Governance of Artificial Intelligence for Health

- Describe the opportunities and benefits of using AI in healthcare;
- Outline the ethical considerations and explain the ethical challenges of its use;
- Describe liability considerations associated with the design, development, and use of AI for health;
- Summarize frameworks and regulatory considerations for the design, development, and use of such technology in the sector.

Certificate of Participation

The Society for Innovation, Development and Medical Education -SIDEMED ROMANIA-

City: Targu Mures | Country: Romania

Surgical: Basic Techniques ED. II

Certificate of Participation/Organization

SURGERY WORKSHOP KNOTS, SUTURES, VASCULAR ANASTOMOSES

Summer Internship in Thoracic Surgery

Erasmus+ [29/06/2021 – 29/08/2021]

Country: Italy

Summer Internship in Thoracic Surgery

Erasmus+ [26/06/2023 – 26/08/2023]

City: Nocera Superiore | Country: Italy

PhD Student

Universitatea de Medicina, Farmacie, Stiinte, si Tehnologie "George Emil Palade" Targu Mures [01/10/2024 – Current]

City: Targu Mures | Country: Romania

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Romanian

LISTENING B2 READING B1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Microsoft Excel / Microsoft Word / Microsoft Powerpoint / Social Media / Outlook / Zoom / Facebook / C C++ C / Java - mediu

PUBLICATIONS

[2023]

Morphological Features of the Vomeronasal Organ in Humans

Aurelio Pio Russo, Ylenia Pastorello, Lóránd Dénes

UMFST-UMCH Research Day 2023

[2023]

Cough-Induced Multiple, Bilateral, Asymmetrical Rib Fractures in a Scoliosis Patient: A Case Report

Zsuzsanna Incze-Bartha, **Aurelio Pio Russo**, Ylenia Pastorello, Vlad Vunvulea, Nicolae Stanciu, Mattia Mattarocci, Lorand Denes.

Cureus

[2024]

Utilizing Artificial Intelligence for Automated Cobb Angle Measurement in Scoliosis Diagnosis and Assessment

Aurelio Pio Russo, Ylenia Pastorello, Lóránd Dénes

UMFST-UMCH Research Day 2024

[2024]

Late Complications after Laparoscopic Longitudinal Gastrectomy - Case Report.

Razvan-Marius Ion, Alexandra Scurtu, Daniela Tatiana Sala, Radu Mircea Neagoe, Tamas Szekely, Renata Moriczi, Mircea Gabriel Muresan, Ruxandra Daniealopol, Valentin Daniealopol, **Aurelio Russo**, Gabriel Popescu.

Annali Italiani di Chirurgia

[2024]

Brain Vascular Expression of Monomeric C-Reactive Protein Is Blocked by C10M Following Intraperitoneal Injection in an ApoE-/- Murine Model of Dyslipidemia: An Immunohistochemical Analysis

Ylenia Pastorello, **Aurelio Pio Russo**, Claudia Bănescu, Vittorio Caprio, Zsolt Gáll, Lawrence Potempa, Bogdan Cordoş, Mario Di Napoli, Mark Slevin

Cureus

[2024]

Automated Cobb Angle Measurements for Scoliosis Diagnosis and Assessment: AI Applications and Accuracy Enhancement Through Image Processing Techniques

Aurelio Pio Russo, Ylenia Pastorello, Lorand Denes

Cureus

[2024]

Sequential Surgical Correction of Macroductyly: A Case Report and Literature Review

Aurelio Pio Russo, Monika Szilveszter, Călin Şuta, Camelia David, Vlad Vunvulea, Ylenia Pastorello, Zsuzsánna Simon-Szabó, Sándor Incze-Bartha, Lóránd Dénes, Zsuzsánna Incze-Bartha

Cureus

HONOURS AND AWARDS

[15/03/2024]

2nd prize at UMFST-UMCH Research Day 2024

Abstract title: Utilizing Artificial Intelligence for Automated Cobb Angle Measurement in Scoliosis Diagnosis and Assessment

Aurelio Pio Russo, Ylenia Pastorello, Lóránd Dénes

UMFST

Scholarship - UMFST - 4th year