

# CURRICULUM VITAE

**SPECIALITY:** Medical Microbiology

## PERSONAL INFORMATION

Title: M.D.  
Christian Name: Gergely  
Family Name: Krizsan  
Home Address: 6, Szalag utca  
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Date of Birth: 09/05/1984  
Citizenship: Hungarian  
Gender: Male

Marital Status: Single  
Spouse's profession: -  
Children: No

License to practice in: Hungary  
Driving licence: Category B

## MEDICAL AND ACADEMIC DEGREES

Degree	Subject of Speciality, university	Year
Medical Doctor	Semmelweis University, Budapest, Hungary	2008
1 <sup>st</sup> Specialisation		
2 <sup>nd</sup> Specialisation		
Ph.D.	Subject, Tutor:	

## EDUCATION (Courses and postgraduate training)

From (year)	To (year)	Name and location (city of Department/Clinic of University)	Subject or speciality & tutor's name	Level of course (degree, diploma certificate, etc.)
2009		Department of Medical Microbiology, Semmelweis University, Budapest, Hungary	Bioinformatics and the Study of Antibiotic Resistance Prof. Amyes SG.	Certificate
2010		ESCMID Postgraduate Technical Workshop, Groningen, Netherlands	Role of Anaerobic Bacteria in Infections – Diagnostics, Antibiotic Resistance, New Therapeutic Options	Certificate
2010		ESCMID Postgraduate Education Course, Zagreb, Croatia	Molecular Typing Methods for Bacterial Pathogens	Certificate
2010		Cappadocia, Turkey	9th ESCMID Summer School	Certificate
2010		PhD Course Department of Medical Microbiology, Semmelweis University, Budapest, Hungary	Experimental Animals – Animal Experiments Prof. Piroska Anderlik	Certificate

## Clinical skills, techniques, and experience

Clinical skill, technique, or type of experience	Medical condition/area of clinical practice	Years of experience
Medical Bacteriology	Isolation, identification, microscopic examination, antigen detection by latex-agglutination, antibiotic susceptibility testing (following EUCAST and CLSI guidelines), determination of clinical relevance	>2
Serology (bacteriology, virology and parasitology)	Determination of Ig levels (M/A/G) for <i>C. pneumoniae</i> , <i>M. pneumoniae</i> , <i>Y. enterocolitica</i> , <i>H. pylori</i> , <i>B.</i>	>2

	<i>burgdorferi</i> , HSV-1,2, CMV, VZV, HIV (antigens as well), rubella, Aspergillus (antigen), Toxoplasma as well as <i>C. difficile</i> toxins	
Medical Mycology	Isolation, identification, microscopic examination, antifungal susceptibility testing, determination of clinical relevance	>2

Specification of the main experience	Unit a number of surgeries/tasks per year
Annual number of samples in University Clinics for active treatment	28000-32000
Screening for MRSA, (h-)VISA, VRE	
Screening for ESBL/MBL-producing and other multiresistant Gram-negative bacteria (eg. <i>P. aeruginosa</i> , <i>S. maltophilia</i> , <i>A. baumannii</i> )	
Observe and follow up the antimicrobial susceptibility pattern of <i>S. aureus</i> , <i>P. aeruginosa</i> and <i>S. maltophilia</i> clinical strains	
Observe and follow up the epidemiological features and microbiological background of infections occurring in perinatal intensive care units	

### Recent clinical work

Description of your clinical experience.

Our laboratory provides excellent microbiological diagnostics for 25 university Clinics (for approximately 2000 beds). We have routine diagnostic tools for bacteriological diseases (including those caused by anaerobes) as well as for the most common fungal infections. Serological examinations are performed for bacterial, viral, protozoal and fungal diseases and for screening (eg. in pregnancy). We especially have expertise in nosocomial respiratory tract infections, urinary tract infections and blood stream infections. Our laboratory communicates with Clinical Leads of various wards in order to improve the management of diagnostics and the determination of antimicrobial susceptibility and also to achieve a comprehensive antibiotic policy and infection control. We are continuously developing our diagnostic tools and algorithms from biochemical identification up to molecular techniques. There is a large and growing collection of clinical strains of various bacteria showing high-level or unusual antibiotic resistance patterns.

## LANGUAGES

	Spoken	Written
Hungarian	Native	Native
English	Fluent	Fluent
French	Basic	Basic
Russian	Basic	Basic

## Employment

From (year)	To (year)	Employer (Hospital, xxx, Section)	Location (City)	Position (type of Job)
2008	2010	Semmelweis University	Budapest	Trainee doctor
2010		Department of Medical Microbiology, Semmelweis University	Budapest	Clinical trainee doctor

## Research

Please specify your main area of interest in research.

1. Mechanisms of polymyxin-resistance in clinical *Pseudomonas aeruginosa* strains.
2. Antibiotic resistance of clinical *Stenotrophomonas maltophilia* strains.
3. Antimicrobial treatment of nosocomial infections.

## PRESENTATIONS

Name of the publication and name of Congress.

### **Identification of Bacteria: Biochemical Reactions** (22 May, 2009)

Department of Clinical Microbiology, The James Cook University Hospital  
Middlesbrough, United Kingdom  
Clinical Observership, 29 April-31 May, 2009

### **Diagnostics for Anaerobic Bacteria** (26 March, 2010)

ESCMID Postgraduate Technical Workshop: Role of Anaerobic Bacteria in Infections – Diagnostics, Antibiotic Resistance, New Therapeutic Options, Groningen, The Netherlands, 22-26 March, 2010

### **Investigation of Resistance Mechanisms in Gram-negative Nonfermentative Bacteria**

(4 July, 2010)

9th ESCMID Summer School, Cappadocia, Turkey, 3-9 July, 2010

**Resistance Mechanisms in Gram-negative Nonfermentative Bacteria** (20, August, 2010)

HMAA International Conference, Balatonfüred, Hungary, 20-21 August, 2011

## **PUBLICATIONS**

Name of the author, name of the publication and the journal, year, name , pages.

Kádár B, Szász M, Kristóf K, Pesti N, **Krizsán G**, Szentandrassy J, Rókusz L, Nagy K, Szabó D.:

In vitro activity of clarithromycin in combination with other antimicrobial agents against biofilm-forming *Pseudomonas aeruginosa* strains

Acta Microbiol. Immunol. Hung., 2010 Sep;57(3):235-45.

PMID: 20870595

## **International experience**

Describe your international experience from, work, studies and vacations.

30 July – 29 August, 2005, Palermo, Italy: 1 month clinical internship in internal medicine (Policlinico "P. Giaccone")

01-25 August, 2006, Vilnius, Lithuania: 1 month clinical internship in surgery (VU Santariskiu Klinikos)

29 April- 31 May, 2009, Middlesbrough, United Kingdom: 1 month clinical observership (Department of Clinical Microbiology, The James Cook University Hospital)

## **Future plans for clinical work**

Make a description of your preferred clinical work for the future.

I would like to work as a clinical/consultant microbiologist. I prefer microbiology not strictly localized to the laboratory but also including intensive communication with clinicians on wards as well as visiting and discussing patients with infectious diseases. I am highly interested in the development of antimicrobial therapy and antimicrobial policy/regimens as well as infection control and prevention.

## **Interests and hobbies**

Swimming, diving, biking, hiking, driving, travelling, taking snapshots.

Astronomy, aircrafts.

## **Computer skills**

I am a daily computer user (both in work and at home), having skills in MS Office and Internet.

## References

Please state the contact details of people able to provide you with references, preferably two

<b>Title</b>	<b>Name</b>	<b>Specialization, Department, Hospital</b>	<b>Mobile Number</b>	<b>E-mail</b>	<b>Languages they speak</b>
Prof.	Károly Nagy	Medical Microbiology, Department of Medical Microbiology, Semmelweis University		nagykar@net.sote.hu	Hungarian, English
Dr.	Katalin Kristóf	Central Laboratory, Clinical Microbiological Diagnostic Laboratory		krikat@net.sote.hu	Hungarian, English