

EDUCATION

**Third Faculty of Medicine
Charles University**
Prague, Czech Republic

Medizinische Hochschule
Hannover, Germany

MD-PHD PROGRAM

Experimental Surgery (2021 - present)
Project: Experimental Model of Immunodeficient Mouse with Human Pancreatic Carcinoma

GENERAL MEDICINE

MUDr. - Medicine Universae Doctor (2014 - 2021)

STUDY EXCHANGE ERASMUS+

April - August 2018

WORKING EXPERIENCES

**Surgery Department
University Hospital
Královské Vinohrady**
May 2019 - present

**National Institute
of Public Health**
July 2021 - present

**Third Faculty of Medicine
Charles University**
October 2021 - present

**Department of Quality
Control in Healthcare
Military University Hospital**

**Centre of Knowledge and
Technology Transfer
Charles University**

**Department of Anaesthesia
and Intensive Care Medicine
UH Královské Vinohrady**

**State Institute
for Drug Control**

SURGERY RESIDENT

RESEARCH ON PANCREATIC CARCINOMA

Study of Prognostic and Predictive Biomarkers in Therapy of Pancreatic Carcinoma (16-28375A) and Study of Specific Subgroups of Patients with Pancreatic Adenocarcinoma (NV19-03-00087) both as a part of the international project **PANDORA**

SCIENTIFIC EMPLOYEE (R1)

Patient derived xenograft and Cell-line derived xenograft, Next-generation sequencing methods

SCIENTIFIC EMPLOYEE (R1)

As part of a project for Ph.D. students:
Donatio Facultatis Medicae Tertiae

**SPECIALIST ASSISTANT OF DIRECTOR DEPUTY,
ORGANIZATION OF VACCINATION CENTER (COVID 19)**
March 2021

TECHNOLOGY SCOUT, POPULARISATION OF TT, SUPPORT OF R&D TEAMS

November 2018 - March 2021

HEALTHCARE ASSISTANT DURING COVID-19 PANDEMIA IN ICU

October 2020 - December 2020

DEPARTMENT OF PHARMACOVIGILANCE, PROCESSING OF ICSR REPORTS

March - June 2019

SCIENTIFIC OUTCOMES

ISCIENCE - Cell Press
Q1; IF₂₀₂₂ 5.8; 02/2024

Views in Surgery
national professional monthly
periodicum of Czech Surgery
Society ČLS JEP; 12/2022

Frontiers in Pharmacology
Q1; IF₂₀₂₂ 5.6; 11/2022

**Czech Annual Cancer
Research Meeting**
20th - 22nd September 2023

National Surgery Congress
10th - 12th May 2023

**9th Congress of Surgery of
Liver, Biliary and Pancreas**
19th - 20th September 2022

XXI. Young Surgeons Days
16th - 17th June 2022

FIRST AUTHOR

Third-generation taxanes SB-T-121605 and SB-T-121606 are effective in pancreatic ductal adenocarcinoma

FIRST AUTHOR

Introducing in vivo pancreatic cancer models for study of new therapeutic regimens

COAUTHOR

Anticancer regimens containing third generation taxanes SB-T-121605 and SB-T-121606 are highly effective in resistant ovarian carcinoma model

ORAL PRESENTATION

Patient-derived xenografts of pancreatic carcinoma – our experience with adenosquamous form

ORAL PRESENTATION

Rare Entities of Human Pancreatic Carcinoma in the experimental model

ORAL PRESENTATION

Experimental Model of Immunodeficient Mouse with Human Pancreatic Carcinoma – The Way for Personalised Medicine?

ORAL PRESENTATION

Experimental Model of Immunodeficient Mouse with Human Pancreatic Carcinoma for Study of Optimal Treatment Regimes

SCIENTIFIC GRANTS

Charles University Grant Agency (GAUK)

Study of Therapeutic Regimes and Molecular Changes in Experimental Models of Pancreatic Carcinoma; No. 308223; 04/2023 - 12/2026

Donatio Facultatis Medicae Tertiae

Financial support of the most promising doctoral students; 09/2021 - 08/2023



TOMÁŠ SYCHRA

MUDr.

3rd year Ph.D. student

*2nd May 1995

LANGUAGES

Czech Native
English Advanced
German B2 (OLS certificate 2018)

AWARDS

Prize of Ministry of Education, Youth and Sports for Excelent Students and Absolvents

Initiation and coordination of volunteers from
Third Faculty of Medicine Charles University
during COVID-19 pandemia; 2020

Special Rectors Prize

For meritorious act proving extraordinary civil
courage; 2021

REFERENCES

MUDr. David MARX, Ph.D.

Vice-dean for Undergraduate Education
& Student Affairs, 3rd FM Charles University
david.marx@lf3.cuni.cz

prof. MUDr. Martin OLIVERIUS, Ph.D., FEBS

Head for Education & Science Surgery UHKV
Member of Board in European Liver
& Intestine Association (ELITA) - **ESOT**
Czech representatives in European Union
of Medical Specialists - **UEMS**
martin.oliverius@fnkv.cz

assoc. prof. RNDr. Pavel Souček, Csc.

Chief of Department of Toxicogenomics
National Institute of Public Health
pavel.soucek@szu.cz

MUDr. Josef FONTANA, Ph.D.

Vice-Rector for Strategy and Development
Charles University
josef.fontana@lf3.cuni.cz



TOMÁŠ SYCHRA

MUDr., Ph.D. student

CONTACT

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PROFESSIONAL ASSOCIATION

Czech Medical Chamber

member; 04/2021

Czech Surgical Society

member; 04/2021

member of Czech HPB section surgery

member of Czech Young Surgeons association

OTHER SKILLS

Basic work with graphic programs

Adobe Illustrator, Adobe InDesign

Microsoft Office

Word, Excel, PowerPoint

Driving licence

car, motorbike

Guitar, running, cycling

ACADEMIC EXPERIENCES

Faculty Academic Senate
Third Faculty of Medicine
Charles University

STUDENT SENATOR, MEMBER OF STUDY,
DISCIPLINARY AND EVALUATION COMMITTEE
2016 - present

University Academic Senate
Charles University

STUDENT SENATOR, CHAIRMAN OF EDITORIAL COMM.,
MEMBER OF ECONOMIC, STUDY AND SOCIAL COMM.
2017 - 2021

The Internal Evaluation Board
Charles University

STUDENT MEMBER OF MEDICAL BOARD
2018 - 2020

National Accreditation Bureau
for Higher Education

STUDENT IN EVALUATING COMMITTEE
FOR HEALTH FIELD
2017 - 2018

PROFESSIONAL COURSES

Scenario Planning in Abdominal Surgery

11th - 12th October 2023, Biomedical Center of the Faculty of Medicine in Pilsen

Next-Generation Sequencing Introduction

25th - 26th April 2023, SEQme - SEQ & QPCR COMPANY

Didactics of Medicine and Related Healthcare Fields

13th April 2021 - 11th October 2022, Third Faculty of Medicine Charles University

Gold Seal Postgraduate Course - Pancreas, Biliary, Liver

28th September 2022; European-African Hepato-Pancreato-Biliary Association

Summer Schools of Statistical Methods

22nd - 26th August 2022; SC&C Partner.

Summer School of Experimental Surgery

5th - 16th July 2021; Biomedical centre of Medical Faculty of Charles University in Pilsen

Course for obtaining professional qualification for work with experimental animals

12th - 16th April 2021; Veterinary University Brno

Fundamentals of Technology Transfer

23rd - 25th September 2020; Association of European Science and Technology Transfer Professionals

Management of Science and Innovation

October 2018 - February 2019; Centre for Knowledge and Technology Transfer Charles University

EXTRACURRICULAR ACTIVITIES

TRIMED

Student association
Third Faculty of Medicine
Charles University

IFMSA

International Federation
of Medical Students ass.

FORMER DEPUTY CHAIRMAN,

ORGANISER OF STUDENTS RESEARCH CONFERENCE,
JOB FAIR - TRIMED JOB, ADAPTATION COURSE,
BENEFICIENT MUSIC FESTIVAL, CHRISTMAS MEETING
2014 - present

LECTOR OF SURGICAL SUTURING, HEALTH DAY

2017 - present

VOLUNTARY CLINICAL INTERNSHIP

Dep. of Plastic Surgery
UH Královské Vinohrady

ASSISTANT OF DOCTORS IN NIGHT SHIFTS,
WORK IN OPERATING ROOMS AND WARDS
2015 - 2020

ITIBO SDA - Health Centre
Nyamira, Kenya

HUMANITARY WORK IN CONSULTING ROOMS,
WARDS AND OPERATING ROOMS, NIGHT SHIFTS
July and August 2019

Transplantcenter,
Cardiocenter of Institute
of Clinical and Experimental
Medicine

WORK IN CONSULTING ROOMS, OPERATING ROOMS,
STUDY OF WORK EFFECTIVENESS IN OR
October 2018 & September 2017

Department of Plastic
Surgery MHH, Germany

WORK IN CONSULTING ROOMS, OPERATING ROOMS
July 2018

Neurosurgery Clinic
UH Královské Vinohrady

ASSISTANT OF DOCTORS IN NIGHT SHIFTS,
WORK IN OPERATING ROOMS AND WARDS
2015 - 2016

Emergency
Karlovy Vary

ASSISTANT OF EMERGENCY RESPONDER
July 2015

DATE:

SIGNATURE: