



Project full title: ERA Chair Position for Excellent Research in Oncology

Project acronym: Chaperon

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Name of the Coordinator: prof. Milan Štengl

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The Chaperon deliverable *Project events* describes the activities performed and the channels used to promote and disseminate the project and its outputs/deliverables, and to exploit the project results.

The Chaperon deliverable *Project events* has been developed by the team of WP5 (National and international outreach and dissemination) led by the WP leader prof. Milena Králíčková, MD, PhD.

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List of abbreviation

BC	Biomedical Center
FMP	Faculty of Medicine in Pilsen
CUNI	Charles University
RP ₁	Reporting period 1
SSES	Summer school of experimental surgery
ERA RC	ERA Research Club

Introduction

This deliverable reports on the Chaperon project events after the third year of implementation. The third year of implementation was again partly affected by the COVID-19 pandemic, but despite the complications, most of the planned events took place. Where possible, we made hybrid or fully online versions of planned events to eliminate the impact of the pandemic to a minimum. At the end of the third year of implementation we held the Summer school of experimental surgery. Many foreign speakers were invited to give lectures opened to the public (Prof. Uta Dahmen from Universitätsklinikum Jena, Prof. Pierre-Alain Clavien from Universitätsspital Zürich, Prof. Inge Herrmann from Department of Mechanical and Process Engineering, ETH Zürich, Dr. Alexandre H. C. Anthis from Department of Mechanical and Process Engineering, ETH Zürich, Dr. Monique Verstegen from Erasmus MC, Rotterdam).

This year, we managed to carry out planned seminars to support the grant activity and also numerous activities under the ERA Research Club.

Also we managed to hold events for the general public as well - Young histologist in theory and practice – competition and Commercialization of applied Research Results.

Table 1 List of Project Events

Name	Date	Type	Number of participants	Public/Internal
BC Lab meeting	22 nd September 2021	Scientific meeting	22	Internal (FMP)
Ondrej Fiala: Alpelisib v léčbě HR+/HER2- pokročilého karcinomu prsu s PIK3CA mutací	30 th September 2021	Conference presentation	Not monitored	Public
Nerd Art Prize 2021 Competition	July – September 2021	Competition	17	Internal (CUNI)
Kari Jussi Hemminki: What causes cancer: risk factors and mechanism; 4eu+	Published on 10 th October 2021	Freely accessible video lecture	Not monitored	Public
Welcome day for doctoral students	12 th October 2021	Open day	14	Internal (CUNI)
MVDr. Lenka Cervenková – Biomedicínský výzkum (visit from Církevní gymnasium)	4 th November 2021	Lecture	17	Public
Vaclav Liska: ABC Course	5 th November 2021	Lecture	10	Internal (FMP)
BC Lab meeting	12 th November 2021	Scientific meeting	26	Internal (FMP)
Project board meeting	1 st December 2021	Meeting	Not relevant	Internal (CUNI)
Ondrej Fiala: Účinnost a zvládání nežádoucích účinků u přípravku Ibrance (HR+/HER2- metastatický karcinom prsu)	12 th December 2021	Conference presentation	Not monitored	Public
ERA – RC Champions meeting	13 th January 2022	Meeting	7 (online)	Internal (CUNI)
BC Lab meeting	14 th January 2022	Scientific meeting	27	Internal (FMP)
Grant opportunities for young researchers at FMP and News from the Department of Science and research	3 rd February 2022	Lecture	7 + 14 (online)	Internal (FMP)
Phanindra Babu Kasi: Modern topics in Medical & Life science	17 th February 2022	Facultative course	5 (online)	Internal (CUNI)
STRATAGEM Lectures: Dr. Thomas Mohr: Downstream analysis of scRNASeq data	22 nd February 2022	Lecture	29	Internal (FMP)
STRATAGEM Lectures: Markus Riedl: Gene Co-expression Network Analysis with WGCNA	22 nd February 2022	Lecture	29	Internal (FMP)
Era Research Club Champion meeting	23 rd February	Meeting	8 (online)	Internal
Phanindra Babu Kasi: Modern topics in Medical & Life science	24 th February 2022	Facultative course	5 (online)	Internal (CUNI)
Phanindra Babu Kasi: Modern topics in Medical & Life science	10 th March 2022	Facultative course	5 (online)	Internal (CUNI)
Vaclav Liska: ABC Course	16 th March 2022	Lecture	24	Internal (FMP)
BC Lab meeting	22 nd March 2022	Scientific meeting	14	Internal (FMP)
Project board meeting	8 th April 2022	Meeting	Not relevant	Internal (FMP)
Young histologist in theory and practice - competition	10 th May 2022	Workshop	17	Public
BC Lab meeting	20 th – 22 nd May 2022	Scientific meeting	38	Internal (FMP)

Miki Shavit: Scientific Blind Dates	27 th May 2022	Seminar	6	Public
Commercialization of applied Research Results	8 th June 2022	Seminar	21	Public
Phanindra Babu Kasi: Modern topics in Medical & Life science	16 th June 2022	Facultative course	5 (online)	Internal (CUNI)
The Meeting of Reproductive Lab	28 th June 2022	Seminar	21	Public
Miki Shavit: Why Don't You Get a Job	29 th June 2022	Seminar	13	Internal (CUNI)
Dr. M.M.A. Monique Verstegen Ph.D.: Design by Nature; Emerging Applications of Extracellular Matrix for Liver Regenerative Medicine	4 th July 2022	Lecture	42	Public
Petr Hosek: Introduction to statistics for biomedicine	7 th / 8 th July 2022	Seminar	43	Public
Prof. Kari Hemminki: Survival in cancer	7 th / 8 th July 2022	Lecture	43	Public
Prof. Dr. med. Uta Dahmen: Small animal experiments	8 th July 2022	Lecture	38	Public
Prof. Dr. med. Pierre-Alain Clavien: Liver Surgery	11 th July 2022	Lecture	48	Public
Prof. Dr. Inge Herrmann: Innovating Medical Materials and Technology	13 th July 2022	Lecture	38	Public
Dr. Alexandre H. C. Anthis: Robust and Intelligent Adhesives for the Abdominal Cavity	13 th July 2022	Lecture	38	Public
Summer school of experimental surgery	4 th – 15 th July 2022	Summer school	33	Public

Table 2 Overview of the communication

Project Event	Communication Channel	Target group ¹	Notes
Presentation: Science and society	Presentation at the Participation on Gliwice Scientific Meetings 2021 in Gliwice, Poland, 18 th – 20 th October 2021	1	Scientific presentation
Article: Nerd Art Prize: Chaperon project club awarded scientific pictures	Facultas Nostra (February 2022)	1	Announcement of Nerd Art Prize winners
Article: Sharing scientific results at Javorná	Facultas Nostra (June 2022)	1	Report from researchers' external meeting (including Chaperon lab)
ERA Research Club Champions – PhD students focus group	Facebook FMP (February 2022)	1	https://www.facebook.com/events/348436163668406/
Nerd Art Prize announcement	Facebook FMP, Instagram FMP (August and October 2021)	1	https://www.facebook.com/lfpizen/photos/a.353209668031640/4757936054225624/?type=3 https://www.instagram.com/p/CS9XkZoIoD6/?utm_source=ig_web_copy_link https://www.instagram.com/p/CVDHLZ7rghX/?utm_source=ig_web_copy_link
Nerd Art Prize – picture of the month	Newsletter, Twitter, web BC (January – July 2022)	1	https://twitter.com/Chaperon_LFP
Nerd Art Prize – 2nd Year - announcement	Facebook FMP, Instagram FMP (July 2022)	1 - 10	https://www.facebook.com/lfpizen/posts/pfbido2gEVHi95prixXesRhccw4PNASn2zfVovHBUpmFkgYUYRWLkkjfHywQVmqS27hcYnTl https://www.instagram.com/p/CgUGcLUjKml/?utm_source=ig_web_copy_link
Newsletter	Chaperon website, email, Biomedical Center website	1 - 10	News in the Chaperon project
News	Chaperon website	1	News in the Chaperon project

¹ 1 – Scientific Community (Higher Education, Research), 2 – Industry, 3 – Civil Society, 4 – General Public, 6 – Policy Makers, 7 – Media, 8 – Investors, 9 – Customers, 10 – Other

Twitter	Social media	1 - 10	News in the Chaperon project
Facebook	Social media	1 - 10	News in the Chaperon project
Get Smart –Journal of The Regional Development Agency for Pilsen region	Public media	1 - 10	Information on the project implementation.

Annex

1. Summary of invitations to selected Project events



The Chaperon project invites you to a

Meeting of laboratories of Biomedical Center

Wednesday 22. 9. 2021 at 1:30 p.m.

BC Seminar room



Talk will be given by:

Jan Nevoral, Laboratory of Reproductive Medicine
**Indispensable role of Sirt1 NAD⁺-histone deacetylase in
epigenetic modulation of embryonic stem cells**

Register [HERE](#)



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The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a

Meeting of laboratories of Biomedical Center

Friday 14. 1. 2022 at 1:30 p.m.

BC Seminar room



Talk will be given by:

Ibrahim Bitar, Ph.D., Laboratory of Antibiotic Resistance
**Activities of the Laboratory of Antibiotic Resistance of
Biomedical Center**

Vittoria Mattioni-Marchetti, Ph.D., Laboratory of Antibiotic Resistance
Fosfomycin: What is new?

Register [here](#)



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The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project and Technology Centre CAS invites
you to a seminar

Grant opportunities for young researchers at FMP and News from the Department of Science and research

Thursday 3. 2. 2022
13:00 – 15:00

Venue is to be announced to registered students by mail



Programme:

- | | |
|---------------|--|
| 13:00 – 13:15 | News from the Department of Science and Research
(D. Vyzrálová/B. Stachová, Department of Science) |
| 13:15 – 13:30 | Information about the Project Department
(J. Horáková, Project Department) |
| 13:30 – 14:00 | Horizon Europe – general information
(M. Vrajová, Technology Centre CAS) |
| 14:00 – 14:30 | Horizon Europe and Marie Skłodowska-Curie Action
(Z. Šimek, Technology Centre CAS) |
| 14:30 – 15:00 | Financial aspects in Horizon Europe
(L. Chvojková, Technology Centre CAS) |

Register [HERE](#)



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The event is part of a project that has received funding from the European Union's
Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a course

Modern topics in Medical & Life sciences

a journal club course
for Ph.D. students & researchers

led by

Dr. Phanindra Kasi



February 2022, Spring semester

Starts 17. 2. 2022, 10.00

Synchronous online course on MS Teams

Register at: <https://forms.gle/DwxaEPrcKYHvHj9v5>
(or scan the QR code above)



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The course is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project and STRATAGEM COST Action invite
you to a lecture

Downstream analysis of scRNASeq data

the talk will be given by

Dr. Thomas Mohr

Medical University of Vienna and Comprehensive Cancer Center, Vienna, Austria

Tuesday 22. 2. 2022

1:30 – 2:15 p.m.



Blue Lecture Hall, UniMeC, Faculty of Medicine in Pilsen

Tumor heterogeneity and tumor microenvironment are shown to have a significant impact on therapy efficacy, complicating treatment and increasing the need for personalized medicine. Single cell transcriptomics offers insight into this heterogeneity, by visualizing the activity for each individual cell, to understand cancer development, prognosis, and therapy efficacy. Dr. Thomas Mohr will talk about downstream analysis of scRNA-seq data, for example, Gene Set Variation Analysis and co-expression network based analysis techniques. He will demonstrate analysis workflows with practical examples and will talk about the potential, but also about the limitations and caveats of such techniques.



The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620. The STRATAGEM Action has received funding from the European Union as part of the Intergovernmental Programme "European Cooperation in Science and Technology (COST)" - CA17104.



The Chaperon project and STRATAGEM COST Action invite
you to a lecture

Gene Co-expression Network Analysis with WGCNA

the talk will be given by

Markus Riedl

Medical University of Vienna and Comprehensive Cancer Center, Vienna, Austria

Tuesday 22. 2. 2022

2:15 – 2:45 p.m.

Blue Lecture Hall, UniMeC, Faculty of Medicine in Pilsen



The aim of presentation will be using of the established and widely used Weighted Gene Co-expression Network Analysis (WGCNA) to optimize the detection of co-expression-based gene modules and their biological significance.



The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620. The STRATAGEM Action has received funding from the European Union as part of the Intergovernmental Programme "European Cooperation in Science and Technology (COST)" - CA17104.



The Chaperon project invites you to a

Meeting of laboratories of Biomedical Center

Tuesday 22. 3. 2022 at 1:30 p.m.

BC Seminar room



Talk will be given by:

Viktor Hlavac, M. Sc., Ph.D., Laboratory of Pharmacogenomics
Multi-omics analysis of gastrointestinal tumors

Register [here](#)



The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



Projekt Chaperon Vás zve k účasti v 1. ročníku soutěže:

LABORATORNÍ ASISTENT V TEORII A PRAXI



10. květen 2022

Biomedicínské centrum, Lékařská fakulta v Plzni



K účasti v soutěži je nutná registrace
(QR kód nebo <https://forms.gle/62sDzLhQYroa1MTaA>).



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„Tato soutěž je součástí projektu financovaného z programu Evropské Unie pro výzkum a inovace Horizont 2020 v rámci grantové dohody č. 856620.“



The Chaperon project invites you to a student event

Scientific Blind Dates



The event is geared towards PhD students as an opportunity to practice their scientific presentation skills in an informal setting – even less formal socializing after the event is anticipated 😊
Participants should prepare in advance a talk lasting maximum 5 min, aimed at explaining their PhD and research to a member of the scientific community who is unfamiliar with their topic
Refreshments will be offered during the event, and at the end a contest will be held in which the winners will receive a prize in the form of Chaperon merchandise.

Time and place: 27th of May 2 pm, at seminar room 01.2.21 in Biomedical Center, Pilsen

Please register with via link below, or by scanning the QR code

<https://forms.gle/f5VSEnACaG98bX4d8>



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The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



ZÁPADOČESKÁ
UNIVERZITA
V PLZNI



Projekt Chaperon Vás zve na seminář

Komericializace výzkumných výsledků

pořádaný ve spolupráci se Západočeskou univerzitou v Plzni

13.00–13.20: Mgr. Adam Šoukal (LFP)

Standardní komercializační plán s ohledem na duševní
vlastnictví Biomedicínského centra a související projekty

13.20–13.40: Ing. Iva Machová, Ph.D. (i&i Prague, s.r.o.)

Transfer technologií z pohledu investora – příklady z praxe

13.50–14.10: Ing. Jiří Vrána, Ph.D. (ZČU)

Úložiště energie – z laboratoře do sítě

14.10–14.30: prof. Ing. Jaroslav Hrabák, Ph.D. (LFP)

Transfer technologií v mikrobiologické diagnostice:
strategie a zkušenosti

14.30–14.50: doc. Ing. Jan Nevoral, Ph.D. (LFP)

Od pipety po patent aneb Jak "ocenit" poznatek
pro ochranu duševního vlastnictví?



8. 6. 2022, 13.00, Modrá posluchárna, UniMeC LFP UK

Alej Svobody 76/1655, Plzeň

Vstup volný bez registrace



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Seminář je součástí projektu Chaperon podpořeného
programem Horizont 2020 Evropské unie v rámci
grantové dohody N°856620.



The Chaperon project invites you to

The meeting of reproductive lab

Tuesday, June 28th, 2022 at 13:30

Seminar Room, Biomedical Center



(13:30) Opening

Dr. Dario Krapf, Instituto de Biología y Celular de Rosario, Argentina

(13:35) *The sperm's journey towards fertilization competence*

Dr. Olga García-Álvarez, Universidad de Castilla-La Mancha, Spain

(13:55) *Global warming and infertility: the role of sperm epigenome*

Dr. Eva María Galán Moya, Universidad de Castilla-La Mancha, Spain

(14:15) *Epigenetic drugs to fight the triple threat of breast cancer: plasticity, heterogeneity & resistance*



The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a student event

Why Don't You Get A Job

-opportunities in the pharma/biotech sector for a newly educated Phd...

What 's it like to work in the industry – and which roles could you be suitable for you?



The seminar will feature talks from members of the biotech and pharmaceutical industry, who will share their experiences about what it is like to work in the industry. Our speakers collected experience ranges from international pharmaceutical giants including Takeda, AstraZeneca and Janssen, as well as local biotech company AbCheck.

Afterwards a R&D Recruitment Consultant will give a talk about the hiring process in big companies, and offer some suggestions as to how a newly educated Phd can identify suitable roles, based on their individual skillset.

Time and place: 29th of June at 3 pm, seminar room 01.2.21 in Biomedical Center, Pilsen



The event is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a lecture

Design by Nature; Emerging Applications of Extracellular Matrix for Liver Regenerative Medicine

by

Dr. M.M.A. Monique Verstegen Ph.D.

Erasmus MC, Rotterdam, Netherlands

presented under the auspices of the
Summer School of Experimental Surgery 2022.



July 4, 2022, 11:00–12:00 a.m.

Blue Lecture Hall, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The lecture is open for the public, no registration needed.



The lecture is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a seminar

Survival in cancer

by

Prof. Kari Hemminki

the Chaperon ERA Chair

presented under the auspices of the
Summer School of Experimental Surgery 2022.



Two identical sessions:
July 7 and 8, 2022, 2:30–3:30 p.m.

Room no. 4.201, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The lecture is open for the public, no registration needed.



The lecture is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a seminar

Introduction to statistics for biomedicine

by

Petr Hošek

presented under the auspices of the
Summer School of Experimental Surgery 2022.



Two identical sessions:
July 7 and 8, 2022, 1:00–2:30 p.m.

Room no. 4.201, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The seminar is open for the public, no registration needed.



The seminar is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a lecture

Small animal experiments

by

Prof. Dr. med. Uta Dahmen

Klinik für Allgemein-, Viszeral- und Gefäßchirurgie,
Universitätsklinikum Jena

presented under the auspices of the
Summer School of Experimental Surgery 2022.



July 8, 2022, 8:00–9:00 a.m.

Room no. 4.201, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The lecture is open for the public, no registration needed.



The lecture is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a lecture

Liver Surgery

by

Prof. Dr. med. Pierre-Alain Clavien

Klinik für Viszeral- und Transplantationschirurgie,
Universitätsspital Zürich

presented under the auspices of the
Summer School of Experimental Surgery 2022.



July 11, 2022, 9:00–10:30 a.m.

Blue Lecture Hall, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The lecture is open for the public, no registration needed.



The lecture is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a lecture

Innovating Medical Materials and Technology

by

Prof. Dr. Inge Herrmann

Dept. of Mechanical and Process Engineering, ETH Zürich

presented under the auspices of the
Summer School of Experimental Surgery 2022.



July 13, 2022, 10:30–11:15 a.m.

Blue Lecture Hall, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The lecture is open for the public, no registration needed.



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The lecture is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.



The Chaperon project invites you to a lecture

Robust and Intelligent Adhesives for the Abdominal Cavity

by

Dr. Alexandre H. C. Anthis

Department of Mechanical and Process Engineering,
Nanoparticle Systems Engineering Laboratory,
ETH Zurich, Switzerland

presented under the auspices of the
Summer School of Experimental Surgery 2022.



July 13, 2022, 11:15–12:00 a.m.

Blue Lecture Hall, UniMeC
Faculty of Medicine in Pilsen, Charles University
Alej Svobody 76/1655, Pilsen.



The lecture is open for the public, no registration needed.



The lecture is part of a project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°856620.