



First BIOBANKING Summer School in Regensburg



24th – 28th September 2018

University Hospital Regensburg
Lecture hall A2 /west entrance)



Universität Regensburg

Register now:

www.congress-registration.ukr.de

gefördert durch:

Bayerisches Staatsministerium der Finanzen,
für Landesentwicklung und Heimat



Bayerisch-Tschechische
Hochschulagentur
Česko-bavorská
vysokoškolská agentura



Dear colleagues,

biobanking is a crucial component of personalized medicine. Tremendous technical developments in sample preparation, storage techniques and IT-infrastructure will change the field within the next years rapidly. In addition, the recent EU data protection regulation provides a new legal framework for using biobank data and leads to challenges in world-wide biobank cooperation's and sample exchange.

The first BRoTHER Summer School for Biobanking addresses both the novel technologies and methodologies and the recent changes in the legal and ethical framework.

Join us at the UNESCO world heritage site of Regensburg to participate in hands-on courses about the latest break-through technical developments in biobanking. Learn and discuss the huge progress in biobanking with international experts in the field, and learn how to implement the new data protection regulation in your international projects both within and outside of the European Union.

BRoTHER (Biobank Research on Telemedical Approaches for Human Biobanks in a European Region) is a Bavarian-Czech biobank network to facilitate the interaction of different biobanks via digitalisation. It is funded by the Bavarian Czech University Agency (BTHA) with finances from the Bavarian State Ministry of Finances.

Prof. Dr. Christoph Brochhausen-Delius
Coordinator of BRoTHER, Vice Chair of Pathology

Prof. Dr. Matthias Evert
Chair of Pathology

In cooperation with:



DEUTSCHE GESELLSCHAFT
FÜR PATHOLOGIE E.V.
Seit 1897 - dem Leben verpflichtet



Issues:

- Legal and ethical aspects of biobanking
- Grant applications in biobanking
- Sustainability of biobanks
- IT Developments
- Hardware developments
- Preanalytics
- Research on biobanking
- Network in biobanking

Organization:

Lectures, hands-on trainings, work-shops

Target groups:

Clinicians

Legal and administrative staff

Post Docs

Researchers

Students (undergraduate and doctoral)

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Academic Work-shops

Tissue Microarray

Whole slide imaging

Hands-on Biobanking

Data protection and legal issues

Semantic web and biobank data

Funding and Cooperation

Industry Demonstrations

Angelantoni

Informeleon

ISETNET

GEFAT-IT

Precipoint

Sysmex

3DHistech

The BRoTHER-Konsortium



Technische Universität München



Universität Regensburg



Program	Monday, 24.09.2018	Program	Tuesday, 25.09.2018
11:00	<i>Get-together coffee</i>	08:00	<i>Morning-Coffee</i>
12:00	Opening Ceremony Welcome addresses: Dean of the Faculty <i>Prof. Dr. Dr. Torsten Reichert</i> Bavarian State Ministry of Health <i>Dr. Thomas Huber</i> German Society of Pathology <i>Prof. Dr. Falko Fend</i> University of Perugia <i>Prof. Dr. Fabrizio Figorilli</i> City of Regensburg, Department for Economic and Research Affairs <i>Dr. Nicole Litzel</i> Speaker of the Comprehensive Cancer Center Ostbayern <i>Prof. Dr. Tobias Pukrop</i>	08:30	Digital Pathology, can it improve pathology? <i>Marius Nap</i>
12:50	BRoTHER - the idea of close Biobank cooperation <i>Christoph Brochhausen</i>	09:00	Tissue Microarray for biomarker validation <i>Pasquale De Blasio</i>
13:00	The challenge of international biobank cooperation <i>Erik Steinfeldler</i>	09:30	Deep learning in pathology image analysis <i>Tobias Lang</i>
13:30	Challenges for high quality in biobanking <i>Michael Neumaier</i>	10:00	<i>Coffee-Break</i>
14:00	Do we need an expiration date for biobanks <i>Franziska Vogl</i>	10:30	Galileo Tissue Microarray Platform Pasquale De Blasio, <i>ISENET</i>
14:30	Biomedical databases in legal perspectives <i>Rainer Arnold</i>	10:50	3DHistec Grand Master <i>Olaf Scheel, Sysmex</i>
15:30	Clear and plain language in the EU data protection concept <i>Joanna Osiejewicz</i>	11:10	Training Program: Tissue Microarray <i>Organized by ISENET and Sysmex</i>
15:30	Joint controller Agreement under GDPR <i>Valentina Colcelli</i>	13:00	<i>Lunch</i>
16:00	<i>Coffee-Break</i>	14:00	Using OBIB for managing biobank data <i>Mathias Brochhausen</i>
16:30	Workshop: Data protection and biobanking <i>Organized by V. Colcelli, R. Arnold, J. Osiejewicz</i>	14:30	Technical innovations for tissue biobank specimens <i>Paul Hofman</i>
18:00	<i>Bavarian opening of the Industry exhibition</i>	15:00	Workshop: Semantic - web technologies for biobanking <i>Organized by M. Brochhausen</i>
		16:00	<i>Coffee-Break</i>
		16:30	Flexible and sustainable data management for biobanks <i>Katrin Hallensleben</i>
		16:50	Rabbitfish - an intuitive and innovative approach to handle biobank data <i>Timo Schüller</i>
		17:10	Product demonstrations
		19:00	Regensburg Night Fever - Young Investigators Tour

Program	Wednesday, 26.09.2018	Program	Thursday, 27.09.2018
08:00	Morning-Coffee	08:00	Morning-Coffee
08:30	Development of BBMRIcz <i>Dalibor Valik</i>	08:30	Visions for modern biobanking in international networks <i>Jens Habermann</i>
09:00	Training Program: Hands-on Biobanking 1 <i>Organized by C. Brochhausen and Team</i>	09:00	Building-up the Biobank of the faculty hospital in Pilsen <i>Judita Kinkorova</i>
10:00	Coffee-Break	09:30	Workshop: Funding and cooperation <i>Organized by J. Kinkorova and K.Tomkova</i>
10:30	Training Program: Hands-on Biobanking 2 <i>Organized by C. Brochhausen and Team</i>	10:30	Coffee-Break
12:30	The European data regulation - the view of the European Data Protection Supervisor <i>Anna Colaps</i>	11:00	Invited lectures: New aspects in preanalytics <i>Karl-Friedrich Becker</i>
13:00	Lunch	11:30	Improving the quality of biological resources <i>Georges Dagher</i>
14:00	Cost-effective organization of an institutional human cancer biobank <i>Vincenzo Canzonieri</i>	12:00	Challenges for biobanking - the swedish experience <i>Mark Divers</i>
14:30	Financial issues of a tissue biobank <i>Alexander Maier</i>	12:30	Lunch
15:00	Sustainability of an integrated biobank <i>Marianne Henderson</i>	13:30	Biomarkers in Oncology <i>Ondrej Topolcan</i>
15:30	Coffee-Break	13:40	Multiplex Methods <i>Marie Karlikova</i>
16:00	Accompanying Event: Panell Discussion (in German) in cooperation with "Junges Europa e.V."	13:50	Stability of tumor markers after long term storage <i>Radek Kucera</i>
18:00	Product demonstrations	14:00	Data protection management in biobank software <i>Florian Kohlmayer</i>
19:30	Dinner	14:30	IT-based informed consent <i>Georgios Raptis</i>
		15:00	Evaluation, Certificates and Farewell
		Program	Friday, 28.09.2018
		08:20	Morning-Coffee
		08:30	Post summer-school program

Speakers (alphabetical order)

Prof. Dr. Dres. h.c. Rainer Arnold Jean Monnet Chair of EU Law University Regensburg, Germany	Dr. Katrin Momberg-Hallensleben GEFAT-IT GmbH Hessisch Oldendorf, Germany
Prof. Dr. Karl-Friedrich Becker Head of the TUM Biobank Technical University Munich Munich, Germany	Marianne Henderson Senior Advisor on Biobanking, National Cancer Institute Rockville, USA
Dr. Mathias Brochhausen Associate Professor of Biomedical Informatics University of Arkansas for Medical Sciences Little Rock, USA	Prof. Dr. Paul Hofman Head of Clinical Cancer Centre Antoine Lacassagne Biobank, University Nice, France
Prof. Dr. Christoph Brochhausen Coordinator BROThER, Vice Chair of Pathology Institute of Pathology, University Regensburg Regensburg, Germany	Assoc. Prof. Dr. Judita Kinkorova Biobank Pilsen, University Hospital Pilsen Pilsen, Czech Republic
Francesco D'Angelo PhD General Manager Ruro Europe S.r.l. Perugia, Italy	Dr. Marie Karlikova Department of Immunochemistry University Hospital Pilsen Pilsen, Czech Republic
Dr. Pasquale De Blasio Founding President of ESBB Milano, Italy	Dr. Florian Kohlmayer Executive Director Bitcare GmbH Munich, Germany
Dr. Vincenzo Canzonieri CRO Centro di Riferimento Oncologico di Aviano Division of Pathology, Aviano, Italy	Assoc. Prof. Dr. Radek Kucera Department of Immunochemistry University Hospital Pilsen Pilsen, Czech Republic
Anna Colaps PhD Policy Assistant to the Supervisor European Data Protection Supervisor Brussels, Belgium	Dr. Tobias Lang CTO, MindPeak GmbH Hamburg, Germany
Dr. Valentina Colcelli National Research Council Institute CNR_IFAC Rome, Italy	Dipl.-Kfm. Alexander Maier BioMaterialBank Heidelberg, Pathologisches Institut Universitätsklinikum Heidelberg Heidelberg, Deutschland
Dr. Georges Dagher Directeur, Inserm US 13 Hôpital de la Salpêtrière Paris, France	Marius Nap MD PhD Senior Consultant for Digital Pathology Numansdorp, Netherlands
Mark Divers PhD Director KI Biobank, Karolinska Institutet Stockholm, Sweden	Prof. Dr. Michael Neumaier President of the European Federation of Laboratory Medicine, University Medical Centre Mannheim Mannheim, Germany

Prof. Dr. Jens Habermann President of ESBB, Director of Experimental Surgery University Lübeck, Germany	Dr. Dr. Joanna Osiejewicz Institute of Specialised and Intercultural Communication, University of Warsaw Warsaw, Poland
Prof. Dr. Georgios Raptis Informatik/e-Health Ostbayerische Technische Hochschule Regensburg, Deutschland	Prof. Dr. Ondrej Topolcan Department of Immunochemistry University Hospital Pilsen, Pilsen, Czech Republic
Erik Steinfeldner Director General BBMRI-ERIC Graz, Austria	Ing. Kateřina Tomkova NCP CS1, Horizon 2020 Technology Centre of the CAS Praha, Czech Republic
Dr. Olaf Scheel Product Manager Digital Pathology Sysmex, Norderstedt, Germany	Assoc. Prof. Dr. Dalibor Valik Coordinator BBMRI.cz, Masaryk University Brno, Czech Republic
Dr. Timo Schüler CEO, Informeleon LifeScience Technologies Wörstadt, Germany	Franziska Vogl Biobank Graz Graz, Austria

Podiumsdiskussion am 26.09., 16:00

Wie kann wissenschaftliche Zusammenarbeit die Europäische Integration fördern?

Impuls: Lesung aus: Robert Menasse „die Hauptstadt“
mit Silke Heise (SchauspielerIn, Theater Regensburg)

Diskussion mit:

Prof. Dr. Ernst-Ludwig Winnacker
(Gründungsgeneralsekretär des Europäischen Forschungsrates)

Prof. Dr. Jens Habermann
(Präsident der „European, Middle Eastern & African Society of Biopreservation and Biobanking“)

Prof. Dr. Udo Hebel
(Präsident der Universität Regensburg)

Prof. Dr. Dr. André Gessner
(Forschungsdekan der Medizinischen Fakultät Regensburg)

Prof. em. Dr. Dres h.c. Rainer Arnold
(Jean Monnet Lehrstuhl für Europarecht)

Prof. Dr. Marcus Hahn
(Institut für Germanistik, Universität Regensburg)

Prof. Dr. Christoph Brochhausen-Delius
(Kordinator BROThER, Institut für Pathologie, Universität Regensburg)

In Zusammenarbeit mit: