

**ALLEGATO B****UNIVERSITÀ DEGLI STUDI DI MILANO**selezione pubblica per n. 1 posto/i di Ricercatore a tempo determinato in tenure track (RTT)per il settore concorsuale 05/E2settore scientifico-disciplinare BIO/11presso il Dipartimento di BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE,(avviso bando pubblicato sulla G.U. n. 93 del 5/12/2023) Codice concorso 5437

BOLOGNESI, MADDALENA MARIA

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Nazionalità italiana

**TITOLI****TITOLI DI STUDIO**

09/2022-09/2023	Corso Annuale perfezionamento Bioetica Università Padova con esame finale (9 CFU)
18/02/ 2023	PhD in Medicina Traslazionale Molecolare presso Università Milano Bicocca Progetto “Analisi tissutali contestuali ad alta densità in infiammazione, riparo e trasformazione.” Prof. Cattoretti
2021	Abilitazione insegnamento scuola secondaria di primo grado
21/03/2018	Master degree in Biologia (Università Milano Bicocca), Titolo tesi: “Dendritic cells in human lymphoid tissue: an unsupervised classification in situ” prof. Cattoretti
2008	Bachelor degree in Scienze e tecnologie per l’ambiente (Milano Bicocca University) Titolo tesi: Distribuzione e diversità genetica di piante acquatiche lombarde. (prof. ssa Citterio, prof. Labra).
2004	Bachelor degree in Scienze dei Beni Culturali (Università degli Studi di Milano, facoltà di Lettere e Filosofia, Curriculum archivisticolibrario), Titolo tesi in Filologia Umanistica : “Manoscritti di autori classici presso la Biblioteca Nazionale Braidense: la poesia”, catalogo aggiornato di manoscritti presenti nella Biblioteca Nazionale Braidense (prof.ssa de Angelis)
2001	Diploma Liceo Scientifico Paolo Frisi, via Sempione, Monza (Maturità scientifica, bilingue)

**CONTRATTI DI RICERCA, ASSEGNI DI RICERCA O EQUIVALENTI**

09-23	Ricercatore TD presso Istituto di Bioimmagini e Fisiologia Molecolare (CNR) Via Fratelli Cervi, Segrate
01-05-2020/30-04-2023	Assegno di Ricerca presso Dipartimento Medicina e Chirurgia Università Milano Bicocca “Mappatura ad alta definizione, a singola cellula di tessuti definiti spazialmente in infiammazione, riparo e trasformazione” Prof. Cattoretti. Progetto ID2016CONT 0504
01-11-2018/ -30/04/2020	Assegno di ricerca presso Dipartimento Medicina e Chirurgia Università Milano Bicocca “High-dimensional single cell image analysis, management data e digital slides on renal stem cell Project ID 2017-NAZ-0046/A, Cariplo Prof.Cattoretti, Prof. Perego
01-08-2017/31-10-2018	Collaborazione (Co.CoCo.) Dipartimento Medicina e Chirurgia Università Milano Bicocca (Progetto GSK: Belimumab Lupus Nephritis trial. A phase 3 , randomized, double blind, placebo-controlled study to evaluated the efficacy and safety of Belimumab", Prof.Cattoretti) Management data e digital slides, high-dimensional single cell image analysis.

2015-2016	Collaborazione a Nephropathology Master di II livello (Università Milano Bicocca, Azienda Ospedaliera San Gerardo/Niguarda/Sacco)
Altre Collaborazioni	Collaborazione Aurinia trial (AURORA, Central pathology review of renal biopsy) Dott. Franco Ferrario, prof. Pagni, Data Management , image analysis. Cod: 2019 ECO0039  Collaborazione Chiesi Farmaceutica, UniParma per progetto su modello murino di Fibrosi Polmonare Idiopatica (prof. Cattoretti, Dott.Stellari, Prof. Ravanetti) Cod: 2018 comm 25 0138
2012-2015	Research assistant, data management per Studio Clinico Multicentrico in Anatomia Patologica (Nephropathology Center, Azienda Ospedaliera San Gerardo di Monza sponsored by Human Genome Sciences/GSK. Dr F. Ferrario, prof. G. Cattoretti).
2014	Collaborazione a “Lymphopoiesis in secondary lymphoid tissue”, presso Dipartimento Medicina e Chirurgia Università Milano Bicocca. Bioinformatic analysis.
01-08-2011 31-12-2011	Co.Co.Co presso Free University of Bozen (Science and Technology, prof. Massimo Tagliavini) Image analysis of root images (root scanner CI-600; CID BioScience, WA, USA) with winRhizo dedicated software. (PRIN project) Collaboratore scientifico al progetto di ricerca “Fertilizzazione a basso impatto ambientale (Ricerche avanzate in agrumicoltura e le loro applicazioni)”
2008-2010	Collaborazione e servizio civile presso Muse (ex Museo Tridentino Scienze Naturali, Botanical Department, P.I. Costantino Bonomi). Ed. ambientale, esperimenti di germinazione presso Trentino Seed Bank, Ensconet Project.
2011-2012	Insegnante Italiano presso scuola tedesca G.S.Gummer, Cornedo (BZ)

Altro

Madrelingua	Italiano
Inglese	Avanzato
Francese	Intermedio
Tedesco	Base
IT Skills	Avanzato Office, Computational biology, Imaging e Image analysis, software: Imagej/ Fiji, Cell Profiler, Histocat, R Intermedio Python, Qupath Base Matlab
Skills	Digital scanner e microscopia Esperienze volontariato (Educatore Scout, Insegnante Italiano presso scuola d'italiano per stranieri)
Interessi	Sport, Arte, Letteratura
Patente	Patente B

### Corsi seguiti:

Corso R, Università Insubria Aprile 2017

Summer School Computational Methods in Translational Medicine Tools for bigdata generated in clinical laboratory” Giugno 2019 Università Bicocca

Introduction to Statistic with R part I Gennaio 2020 Università Bicocca

Introduction to Statistic with R part II Febbraio 2020 Università Bicocca

Gene Expression Data for Beginners. ARCH project (Prof Bystrykh, L) Febbraio 2021

Come scrivere e comunicare la scienza (Chiara Gabbi) Febbraio 2021 Università Bicocca (2CFU)

Come scrivere un grant di successo (Chiara Gabbi) Marzo 2021 Università Bicocca (2CFU)

Python for data-analysis (Università di Pavia, Virtual) Dicembre 2021

## **PRODUZIONE SCIENTIFICA**

### **Pubblicazioni**

<https://www.scopus.com/authid/detail.uri?authorId=56872488200>  
<https://scholar.google.com/citations?user=wLh7VI8AAAAJ&hl=en>  
<https://orcid.org/0000-0002-8238-2369>

Cazzaniga, G. *et al.* Congo red staining in digital pathology: the “SPADA” pipeline. *Lab. Invest.* 100243 (2023)

Mauro, S. *et al.* A DNA damage response-like phenotype defines a third of colon cancers at onset. *FASEB J.* **37**, (2023).

Bolognesi, M. M., Antoranz, A., Bosisio, F. M. & Cattoretti, G. Quantitative multiplex immunohistochemistry with colorimetric staining (QUIVER) may still benefit from MILAN. *Acta Neuropathol. Commun.* **11**, (2023).

Dall'Olio L, Bolognesi M, et alG. BRAQUE: Bayesian Reduction for Amplified Quantization in UMAP Embedding. *Entropy (Basel)*. 2023 Feb 14;25(2):354. doi: 10.3390/e25020354.

L'Imperio V, Improvements in digital pathology equipment for renal biopsies: updating the standard model. *J Nephrol.* 2023 Feb 14. doi: 10.1007/s40620-023-01568-1.

Furia, L. *et al.* Automated multimodal fluorescence microscopy for hyperplex spatial-proteomics: Coupling microfluidic-based immunofluorescence to high resolution, high sensitivity, three-dimensional analysis of histological slides. *Front. Oncol.* **12**, 960734 (2022).

Antoranz, A. *et al.* Mapping the Immune Landscape in Metastatic Melanoma Reveals Localized Cell–Cell Interactions That Predict Immunotherapy Response. *Cancer Res.* **82**, 3275–3290 (2022).

Bolognesi, M. M. *et al.* Dissecting the histological features of lupus nephritis highlights new common patterns of injury in class III/IV. *Ann. Rheum. Dis.* (2022)  
doi:10.1136/ard-2022-222620.

Grasselli, C. *et al.* DNA Damage in Circulating Hematopoietic Progenitor Stem Cells as Promising Biological Sensor of Frailty. *J. Gerontol. Ser. A* **77**, 1279–1286 (2022).

Ciccimarra, R. The normal and fibrotic mouse lung classified by spatial proteomic analysis. *Sci. Rep.* **11** (2022).

Denti, V. *et al.* Lipidomic Typing of Colorectal Cancer Tissue Containing Tumour-Infiltrating Lymphocytes by MALDI Mass Spectrometry Imaging. *Metabolites* **11**, 599 (2021).

Bolognesi, M. M. *et al.* Antibodies validated for routinely processed tissues stain frozen sections unpredictably. *BioTechniques* **70**, 137–148 (2021).

Gadeyne, L. *et al.* A Multi-Omics Analysis of Metastatic Melanoma Identifies a Germinal Center-Like Tumor Microenvironment in HLA-DR-Positive Tumor Areas. *Front. Oncol.* **11**, (2021).

Background-free Detection of Mouse Antibodies on Mouse Tissue by Anti-isotype Secondary Antibodies - Francesco Mascadri, Roberta Ciccimarra, Maddalena M. Bolognesi, Fabio Stellari, Francesca Ravanetti, Giorgio Cattoretti, 2021.<https://journals.sagepub.com/doi/10.1369/00221554211033239>.

Rossi, F. *et al.* Proteomics for the study of new biomarkers in Fabry disease: State of the art. *Mol. Genet. Metab.* **132**, 86–93 (2021).

Mascadri, F, Bolognesi, M Rejuvenated Vintage Tissue Sections Highlight Individual Antigen Fate During Processing and Long-term Storage 2021. <https://journals.sagepub.com/doi/10.1369/00221554211047287>.

Manzoni, M. et al. The Adaptive and Innate Immune Cell Landscape of Uterine Leiomyosarcomas. *Sci.Rep.* 10, 702 (2020).

Bosisio, F. M. et al. Functional heterogeneity of lymphocytic patterns in primary melanoma dissected through single-cell multiplexing. *eLife* 9, e53008 (2020).

Bosisio, F. et al. High Resolution Multiplexing of Melanoma Microenvironment in Responders/Non-Responders to Checkpoint Therapy. *Mod. Pathol.* 33, 457–458 (2020).

Bombelli, S. et al. PKH<sup>high</sup>/CD133<sup>+</sup>/CD24<sup>−</sup> Renal. Stem-Like Cells Isolated from Human Nephrospheres Exhibit In Vitro Multipotency. *Cells* 9, 1805 (2020).

Bolognesi, M. M., Bosisio, F. M. & Cattoretti, G. Unidentified Variables May Account for Variability in Multiplexing Results. *J. Histochem. Cytochem. Off. J. Histochem. Soc.* 68, 351–353 (2020).

Ferrario, F. et al. Kidney Function, CKD Causes, and Histological Classification. in *Integration of Omics Approaches and Systems Biology for Clinical Applications* 301–318 (John Wiley & Sons, Ltd, 2018).doi:10.1002/9781119183952.ch18.

Scalia, C. R. et al. Antigen Masking During Fixation and Embedding, Dissected. *J. Histochem. Cytochem.* 65, 5–20 (2017).

Bolognesi, M. M. et al. Multiplex Staining by Sequential Immunostaining and Antibody Removal on Routine Tissue Sections. *J. Histochem. Cytochem.* 65, 431–444 (2017).

Scalia, C. R. et al. Epitope Recognition in the Human–Pig Comparison Model on Fixed and Embedded Material. *J. Histochem. Cytochem.* 63, 805–822 (2015).

## Abstract

Bosisio, F., Antoranz, A., van Herck, Y., Bolognesi, M., Lynch, S., Rahman, A., et al. (2020). High Resolution Multiplexing of Melanoma Microenvironment in Responders/Non-Responders to Checkpoint Therapy. *MODERN PATHOLOGY*, 33(suppl 2), 457-458.

Bombelli, S., Meregalli, C., Bolognesi, M., Rossetti, G., Ranzani, V., Torsello, B., et al. (2018). Molecular characterization of nephrosphere-derived PKH<sup>high</sup>/CD133<sup>+</sup>/CD24<sup>−</sup> Stem-like cells and their use in repopulation of decellularized kidney scaffolds. *NEPHRON JOURNALS*, 139, 90-91.

Manzoni, M., Scalia, C. R., Bolognesi, M. M., & Cattoretti, G. (2017, February). High Efficiency Multiplexing for Personalized Medicine.

In *LABORATORY INVESTIGATION* (Vol. 97, pp. 531A-532A). 75 VARICK ST, 9TH FLR, NEW YORK, NY 10013-1917 USA: NATURE PUBLISHING GROUP.

Cattoretti, G., Bolognesi, M. M., Scalia, C. R., & Zannella, S. (2016, September). Four colour, multimarker (12 and up) multiplex immunophenotype of a single FFPE slide. In *VIRCHOWS ARCHIV* (Vol. 469, pp. S194-S194). 233 SPRING ST, NEW YORK, NY 10013 USA: SPRINGER.

Bosisio, F. M., Wouters, J., Stas, M., Bolognesi, M., Scalia, C., & van den Oord, J. (2017, June). In situ evaluation of markers of activation and inhibition of Tumor Infiltrating Lymphocytes (TILs) after microdissection: Remarks to the current morphologic classification of the " TILs patterns".

In *JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY* (Vol. 31, pp. 45-45). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.

**Application Note:** Eight markers, multiplex immunofluorescent staining with the NanoZoomer S60 (Multiple of 4 immunostains, DAPI and autofluorescence subtraction) Maddalena M Bolognesi and Giorgio Cattoretti, Department of Pathology, Università di Milano-Bicocca, Milan, Italy.

[https://nanozoomer.hamamatsu.com/eu/en/case-study/research\\_case\\_study/universita\\_di\\_milano-biccoca.html](https://nanozoomer.hamamatsu.com/eu/en/case-study/research_case_study/universita_di_milano-biccoca.html)

## **ATTIVITÀ DI RELATORE A CONGRESSI E CONVEGNI NAZIONALI E INTERNAZIONALI**

Invited Speaker 60 ERA (European Renal Association) 15 June 23 (Lupus Nephritis classification, a work in progress team effort)

Invited Speaker at FORTRESS 2019 meeting, 07-08/02/2019, KULeuven University Leuven, Belgium (The adaptive and innate immune cell landscape of uterine leiomyosarcomas)

Invited Speaker at Politecnico di Torino Advances in label-free and fluorescence microscopy June 26th 2018, Politecnico di Torino

Invited Speaker at Erasmus week (October 22-25, 2018) University Milano Bicocca (Single cell Biology for pathology: high dimensional tissue classification via high-plex immunolabelling in situ)

Invited Speaker UNIMIB\_1st Milan Nephropathology course- Milan 20-22 September 2017 prof. F. Pagni, Prof.ssa M. Nebuloni (special session: New technology in renal pathology)

UNIMIB\_Nephropathology Master (2015-2016) dott. Franco Ferrario, Prof. G. Cattoretti

### **Servizi prestati presso pubbliche amministrazioni:**

02-2011/08-2012 Insegnante italiano tempo determinato presso scuola Tedesca in G.S.Gummer, Cornedo (BZ)

01/12/2012 al 30/11/2014 co.co.co presso Ospedale SanGerardo Monza, Anatomia Patologica (Prof. G: Cattoretti)

05-06 2015 co.co.co presso Ospedale SanGerardo Monza, Anatomia Patologica (Prof. G: Cattoretti)

Febbraio 2016 (6 mesi Co.co.co presso Dipartimento Medicina e Chirurgia Università Milano Bicocca) (Prof. G: Cattoretti)

Maggio 2016- 2017 (12 mesi Co.co.co presso Dipartimento Medicina e Chirurgia Università Milano Bicocca) (Prof. G: Cattoretti)

Agosto 2017-Ottobre 2018 (Co.co.co presso Dipartimento Medicina e Chirurgia Università Milano Bicocca) (Prof. G: Cattoretti)

Novembre 2018-aprile 2020 18 mesi Assegno ricerca tipo B Dipartimento Medicina e Chirurgia Università Milano Bicocca (bando Cariplo Project ID 2017-NAZ-0046/A )

Maggio 2020- Aprile 2023 Assegno tipo B ricerca Dipartimento Medicina e Chirurgia Università Milano Bicocca

09-2021 Titolare di cattedra di insegnamento presso scuola secondaria di primo grado Bellani Monza (classe A28 matematica e scienze)

I hereby authorize to handle my personal data in agreement with the Italian privacy law 196/2003.

Monza, 2 gennaio 2024



## Attestato di partecipazione

Si attesta che

**Maddalena Bolognesi**

ha partecipato al corso: "Il software R",

6-7 aprile 2017

Busto Arsizio, 7 aprile 2017

Alta Formazione Insubria

Dott.ssa Gabriella Fanali

Coordinatore scientifico

Prof. Damiano Preatoni



# Certificate of Participation

Maddalena Bolognesi

has attended the 3-days online class

Python for Data Analysis

promoted and organized by



UNIVERSITÀ  
DI PAVIA

*Pavia, 17<sup>th</sup> December 2021*

The Lecturer,  
*Emanuele Fabbiani*



## Certificate of Participation

This is to certify that

**MADDALENA BOLOGNESI**

has participated to the Summer School

**COMP-MED: Computational Methods in Translational Medicine**

TOOLS FOR BIGDATA GENERATED IN CLINICAL LABORATORY

24-28 June, 2019, University of Milano-Bicocca, Monza, Italy

ACADEMIC CREDITS 2

Dr. Italo Zoppis



**University of Milano-Bicocca**

**ARCH – Age-Related changes in Hematopoiesis**

Certificate

**Maddalena Bolognesi**

has successfully completed the course

**Gene Expression Data for Beginners**

February 1<sup>st</sup> – 5<sup>th</sup>, 2021

Dr. Leonid Bystrikh  
University of Groningen



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 813091



# Maddalena Bolognesi

attended the

## 22nd EMBL PhD Symposium: The Roaring 20s: A New Decade for Life Sciences

27 - 28 November 2020, Virtual

**EMBL**

European Molecular Biology Laboratory  
Course and Conference Office  
Meyerhofstr. 1  
D-69117 Heidelberg, Germany

Heidelberg, 09 Dezember, 2020

## Erasmus week (October 22-25, 2018) - University of Milano-Bicocca

*The course is part of the Double Diploma program for students of the University of Milano-Bicocca and the University of Paris 7 (Paris Diderot)*

	9.30-11.15	11.15-13	14.30-16.15
<b>Monday 22</b>	<b>Stefano Campaner</b> <i>A genomic view of growth control and lineage specification in the adult liver</i>	<b>Jean-Marc Verbavatz</b> <i>Small G protein function in vesicular trafficking, Lipid homeostasis and mitochondria transport</i>	<b>Giorgio Cattoretti</b> <b>Maddalena Bolognesi</b> <i>Single cell Biology for Pathology: high-dimensional tissue classification via high-plex immunolabeling in situ</i>
<b>Tuesday 23</b>	<b>Daniela Ferrari</b> <i>Experimental neural stem cell therapies for neurodegenerative diseases</i>	<b>Serena Mazzucchelli</b> <i>Ferritin-based nanodrug for the treatment of cancer</i>	<b>Cristina Fugazza</b> <i>Hematopoiesis: an evolving model for stem cell research</i>
<b>Wednesday 24</b>	<b>Diego Bonetti</b> <i>New insights into the role of non-coding RNAs in telomere maintenance</i>	<b>Claudio Greco</b> <i>Protein bioinformatics and molecular modelling: principles and relevance in the biomedical field</i>	<b>Poster session</b> <i>(Gangway between Bldgs. U3 &amp; U4, 2nd floor)</i>
<b>Thursday 25</b>	<b>Jean-Marc Verbavatz</b> <i>Deciphering organelle ultrastructure and dynamics using advanced microscopy</i>		

**Lectures will be held in room 2025, 2<sup>nd</sup> floor, Building U3, Piazza della Scienza 2, Milano**

**Dr. Stefano Campaner** is at the Center for Genomic Science, Fondazione Istituto Italiano di Tecnologia (IIT), Milan

**Prof. Giorgio Cattoretti, Dr. Maddalena Bolognesi** are at the Dept. of Pathology, Department of Medicine & Surgery, University of Milano-Bicocca, Milan

**Dr. Claudio Greco** is at Department of Earth and Environmental Sciences, University of Milano - Bicocca, Milan

**Dr. Serena Mazzucchelli** is at Nanomedicine Laboratory Department of Biomedical and Clinical Sciences "L. Sacco", University of Milan

**Prof. Jean-Marc Verbavatz** is at the Institut Jacques Monod, UMR 7592, Université Paris Diderot Sorbonne Paris Cité, Paris, France

**Dr. Diego Bonetti, Dr. Daniela Ferrari, Dr. Cristina Fugazza** are at the Dept. of Biotechnologies and Biosciences, University of Milano-Bicocca, Milan

Dipartimento di  
Medicina Molecolare



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

Via A. Gabrielli 53 - 35121 Padova  
C.F. 80006400261 - P.IVA 00742430261

A chi di competenza

## **Corso di perfezionamento in Bioetica**

Con la presente si dichiara che il Dottor/la Dottorressa

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ha partecipato in data 15 settembre 2023 alla sessione conclusiva dell'edizione 2022-2023 del Corso, discutendo il proprio elaborato finale.

Si rilascia tale certificato per ogni uso consentito.

Il direttore del Corso

Dott. Enrico Furlan

*Enrico Furlan*



# 1<sup>ST</sup> INTERNATIONAL MILAN NEPHROPATHOLOGY COURSE

## COURSE PROGRAM

This three-day course will give an updated overview on the more significant topics in renal pathology.

The eminent faculty of the meeting is composed by nephropathologists with exceptional track-record and clinical experience on histopathological issues of native kidney diseases. The course will be articulated through frontal lectures and complementary slide seminars via interactive digital pathology (virtual slides). This course will make an emphasis on morphology and the use of ancillary studies as well as molecular approaches like proteomics, genetics and immunohistochemistry. The targeted audience includes practicing pathologists, renal pathologists and pathology trainees. The course is also opened to nephrologists.

## MILAN FASHION WEEK

The course is organized during the September MILAN FASHION WEEK (<http://fashionweekdates.com/>), a clothing trade show established in 1958 and held semi-annually in Milan, Italy. The autumn/winter event is held in February/March of each year, and the spring/summer event is held in September/October of each year. Milan fashion week including more than 40 shows each season transforms the city into a touristic hub by creating various venues for the shows selecting the most elegant and influential palaces to become the stage for design.

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**20-22  
SEPT  
2017** | **FOURPOINTS  
SHERATON  
HOTEL/MILAN**

*An International Nephropathology Course  
during the Milan Fashion Week.*



[WWW.EDUCATIONALFACTORY.COM/FIRST-INTERNATIONAL-MILAN-NEPHROPATHOLOGY-COURSE/](http://WWW.EDUCATIONALFACTORY.COM/FIRST-INTERNATIONAL-MILAN-NEPHROPATHOLOGY-COURSE/)

## REGISTRATION

Participants must register online at [www.educationalfactory.com/first-international-milan-nephropathology-course/](http://www.educationalfactory.com/first-international-milan-nephropathology-course/). A confirmation of registration and payment status email will be sent. For further information send an email to [info@educationalfactory.com](mailto:info@educationalfactory.com).

## ACCOMODATION

A limited number of rooms is reserved to the meeting at the Hotel "Four Points" Sheraton, near Central Station. To reserve please contact the hotel booking office:

+39 02 66746131/4/6 or

[booking@fourpointsmilano.com](mailto:booking@fourpointsmilano.com),

and mention "Educational Factory".

Reserved rooms can be seen at the following link:

<http://www.fourpointsmilan.com/en/rooms/classic>

## FEES

**CLINICIANS: 400 EURO**

**FELLOWS: 250 EURO**

The fee includes the congress kit, participation to scientific sessions, lunches, certificate of attendance and ECM certificate.

## 20 SEPTEMBER 2017

13.30-14.00	<b>REGISTRATION</b>
14.00-14.30	<b>Kidney physiopathology of the glomerulus</b> PAOLA ROMAGNANI Univeristy of Florence, Italy
14.30-15.15	<b>Minimal change disease and focal segmental glomerulosclerosis</b> LAURE-HELENE NOEL Hôpital Necker, Paris, France
15.15-16.00	<b>Membranoproliferative glomerulonephritis and C3 nephropathy</b> TERENCE COOK Imperial College, London, UK
16.00-16.15	<b>COFFEE BREAK</b>
16.15-17.00	<b>Thrombotic microangiopathies</b> ETTORE SABBADINI Hospital of Bergamo, Italy
17.00-17.45	<b>SPECIAL SESSION: NEW TECHNOLOGY IN RENAL PATHOLOGY</b> <b>Multiplex immunohistochemical staining in renal biopsies</b> MADDALENA BOLOGNESI University of Milano Bicocca, Italy
17.45-18.45	<b>Clinical-pathological cases discussion</b> (Whole-slide imaging - Virtual Slides)
19.00	<b>LIGHT DINNER</b>

## 21 SEPTEMBER 2017

9.00-9.45	<b>IgA Nephropathy</b> IAN ROBERTS John Radcliffe Hospital, Oxford, UK
9.45-10.30	<b>Cryoglobulinemic nephritis</b> ANTONELLA BARRECA University of Turin, Italy
10.30-10.45	<b>COFFEE BREAK</b>
10.45-11.30	<b>Vasculitis</b> INGEBORG BAJEMA University of Leiden, NL
11.30-12.15	<b>Lupus Nephritis</b> FRANCO FERRARIO San Gerardo Hospital, Monza, Italy
12.15-13.15	<b>Clinical-pathological cases discussion</b> (Whole-slide imaging - Virtual Slides)
13.15	<b>LUNCH</b>
14.00-14.45	<b>Diabetic Nephropathy</b> PAOLO FIORINA Harvard Medical School, Harvard/University of Milan, Italy
14.45-15.30	<b>Amyloidosis and light chain deposition disease</b> MANUELA NEBULONI University of Milan, Italy

## 22 SEPTEMBER 2017

9.00-9.45	<b>Membranous Nephropathy</b> FABIO PAGNI University of Milano Bicocca, Monza, Italy
9.45-10.30	<b>SPECIAL SESSION: NEW TECHNOLOGY IN RENAL PATHOLOGY</b> <b>Proteomics in glomerulonephritis</b> ANDREW SMITH University of Milano Bicocca, Italy
10.30-11.15	<b>Infectious-related glomerulonephritis</b> RUDIGER WALDHERR University of Heidelberg, Germany
11.15-11.30	<b>COFFEE BREAK</b>
11.30-12.15	<b>Fabry Disease</b> FEDERICO PIERUZZI University of Milano Bicocca, Italy
12.15-13.30	<b>Acute and chronic interstitial nephritis</b> WESAM ISMAIL Cairo University, Egypt
13.30	<b>CLOSURE</b>

# 1<sup>ST</sup> INTERNATIONAL MILAN NEPHROPATHOLOGY COURSE

*An International Nephropathology Course during the Milan Fashion Week.*



FORTRESS 2019 meeting, 07-08/02/2019, Leuven, Belgium

CERTIFICATE OF ATTENDANCE

I herewith confirm that Maddalena Bolognesi has participated in the scientific FORTRESS 2019 meeting, taking place on February 7 and 8 in Leuven, Belgium.

P. Schöffski

On behalf of the FORTRESS 2019 scientific program committee

Prof. Dr. Patrick Schöffski, MD MPH  
Department of General Medical Oncology  
University Hospitals Leuven and  
Department of Oncology  
Laboratory of Experimental Oncology  
KU Leuven, Leuven Cancer Institute, Leuven, Belgium

*Accreditation is pending.*





An inter-disciplinary approach established to disseminate knowledge  
and information amongst those interested in dialysis,  
transplantation and renal diseases

## Certificate of Attendance

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**Maddalena  
MARIA BOLOGNESI**

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has participated on June  
15, 2023  
in the

**60<sup>th</sup> ERA  
CONGRESS**

**Christoph  
Wanner**  
ERA

**Piergiorgio Messa**  
Local Congress  
President