



PhD course in Life Sciences and Biotechnology

Teaching Activities 2025-2026: seminars & courses schedule

Please note: the teaching activities will be held in presence. The Teams links will be provided only upon request and for motivated reasons.

The teaching activities calendar will be updated throughout the year with dates and times. You will find the updated version on the PhD Course website, so please check it out.

Here you will find the schedule of the coming online lectures and seminars:

November 2025

Fri 7th, 14:30-16:30 **Trends in Biomolecular Sciences – Next generation OMICS and system biology**
(0.25 CFU) – organized by P. Campomenosi

“The Natural History Museum: where past meets future”

Piotr Cuber, Natural History Museum, London (UK)

Thu 13th, 14:00-16:30 **Free choice seminars**
(0.25 CFU) – organized by F. Marinelli & F. Berini

“What is genomics changing in natural product discovery? Concepts, logic and approaches”

“Which is the biosynthetic logic governing the biosynthesis of antibiotics? the glycopeptide case”

Oleksandr Yushchuk, Ivan Franko National University of Lviv, Ukraine

NB: The seminars are organized as part of the activities of the Pharmaceutical Biotechnology course within the BBHI Master's Degree Program. Please note that after the seminars, Prof. Yushchuk will be available to meet with PhD students, postdocs, and anyone interested in the following topic: “Methods related to antiSMASH and MIBiG: integrated platforms for biosynthetic gene cluster discovery and analysis, and comparative genomics approaches in bacterial systematics.”

December 2025

Tue, 9th, 14:30-16:30 **Trends in Biomolecular Sciences – Microbial Biotechnology: trends and applications**
(0.25 CFU) – organized by F. Marinelli & F. Berini

"Using genomics to discover bioactive peptides from bacteria"

Andrew Truman, The John Innes Centre, Norwich (UK)

January – May 2026

To be defined **Trends in Biomedical Sciences – Molecular targets and precision medicine**
(1.25 CFU) - organized by P. Battaglia



Via J.H. Dunant, 3 – 21100 Varese (VA) – Italia

Tel. +39 0332 42 1339-1443

Email: dottorato.dbsv@uninsubria.it – PEC: dbsv@pec.uninsubria.it

Web: www.uninsubria.it

P.I. 02481820120 - C.F. 95039180120

Chiaramente Insubria!





"ENTER Seminars in Ear, Nose and Throat surgery"

Mario Turri Zanoni, Università degli Studi dell'Insubria and other speakers

NB: the program is being defined, you will find it in pdf format on the PhD web page in the "Teaching activity" section (at the top, Document, ENTER.pdf).

January 2026

28th 09.30-13.30

Free choice seminars

(0.5 CFU) – organized by C. Vannini & A. Montagnoli

Unveiling the '*joint venture*' between plants and mycorrhizal fungi

Douglas Godbold, Mendel University in Brno - Czech Republic

Alessandra Salvioli Di Fossalunga, University of Turin - Italy

Domingo Guido, University of Insubria

February 2026

9th February – 9th March, **BIOSTATISTICS** - every Monday and Tuesday

14:00-17:00

(3 CFU) – organized by PhD in Life Sciences and Biotechnology

Prof. Giorgio Binelli, Università degli Studi dell'Insubria

NB: This course is mandatory and scheduled for the XLI cycle students.

4th, 9:30 – 13:30

Free choice seminars

(0.5 CFU) – organized by M. Viola

Bioinformatics & Biostatistics for biomedical applications

Prof. Francesco Gianfagna - University of Insubria

12th, 10:30 – 12:30

Free choice seminars

(0.25 CFU) – organized by A. Montagnoli

Soil Microbial and Nematode Communities: From eDNA to Soil Health Indicators

Prof. Nikolaos Monokrousos - International Hellenic University

March 2026

23rd, 10:00 – 13:00

Cross-Disciplinary and Soft Skills – module A and B

14:00 – 17:00

(0.5 + 0.5 CFU) – organized by E. Rosini

"AI for research"

Lorenza Moscarella, Formazione Comunicazione & Life skills

April 2026

13th, 14:30 – 16:30

Trends in Biomolecular Sciences – Microbial Biotechnology: trends and applications

(0.25 CFU) - organized by V. Orlandi



Via J.H. Dunant, 3 – 21100 Varese (VA) – Italia

Tel. +39 0332 42 1339-1443

Email: dottorato.dbsv@uninsubria.it – PEC: dbsv@pec.uninsubria.it

Web: www.uninsubria.it

P.I. 02481820120 - C.F. 95039180120

Chiaramente Insubria!





“Interplay between nucleotide biosynthesis and expression of adhesion factors in Escherichia coli”

Paolo Landini, Università degli Studi di Milano, La Statale

Trends in Biomolecular Sciences - Regenerative medicine and tissue engineering
(0.5 CFU) - organized by R. Gornati

20th, 14:30 – 16:30

“Mesenchymal Stem Cells and Their Derivatives: Recent Advances in Biomedical Applications” pt. 1

Ludovica Barone, University of Insubria

28th, 10:00 – 12:00

“Mesenchymal Stem Cells and Their Derivatives: Recent Advances in Biomedical Applications” pt. 2

Ludovica Barone, University of Insubria

May 2026

4th, 9:00-13:00

Trends in Biomedical Sciences - Cancer biology and target therapeutics

(0.25 CFU) - organized by J. Karousou

“Extracellular matrix and tumors: from 2D to 3D cell cultures and role of scaffolds”

Zoi Piperigkou, University of Patras, Greece

15th, 11:00-13:00

Free choice seminars

(0.25 CFU) - organized by G. Tettamanti

“Bio-based crop protection”

Lucia Zappalà, University of Catania, Italy

“Black Soldier Fly frass as a multifunctional input for sustainable crop protection and productivity”

Liora Shaltiel-Harpaz, MIGAL & Tel-Hai College, Israel

To be defined

Transversal skills – Module C: Crosslinking academia and industry for the creation of new professional opportunities – organized by S. Sacchi & E. Rosini

Cerbios

CENTROCOT

Bict

To be defined

Trends in Biomolecular Sciences – Molecular mechanisms in health and disease
(0.5 CFU) – organized by S. Sacchi, E. Bossi, T. Rubino

“Brain in Flux: Neurochemical Dynamics and Dysfunction”

To be defined

NB: this is a joint activity organized in collaboration with the PhD program in Experimental and Translational Medicine.



Via J.H. Dunant, 3 – 21100 Varese (VA) – Italia

Tel. +39 0332 42 1339-1443

Email: dottorato.dbsv@uninsubria.it – PEC: dbsv@pec.uninsubria.it

Web: www.uninsubria.it

P.I. 02481820120 - C.F. 95039180120

Chiaramente Insubria!





June 2026

23rd-27th, 9:30-13:30

Cross-Disciplinary and Soft Skills – module B
(2.5 CFU) – organized by A. Montagnoli

“Data analysis by R”

June 23 - Lesson 1: Introduction to R

June 24 - Lesson 2: Linear models 1 - Data exploration

June 25 – Lesson 3: Linear models 2 - Model fitting

June 26 - Lesson 4: Special cases of linear models - Generalized and mixed models

June 27 - Lesson 5: Practical work with own data

Enrique Andivia, Universidad Complutense de Madrid

July 2026

To be defined

Cross Disciplinary and Soft Skills - Module C
(0.5 CFU) - organized by M. Viola

“Seminario accreditamenti”

To be defined

9th, 16th and 23rd

Introduction to Systems Biology

(1.5 CFU) – organized by PhD in Experimental and Translational Medicine
Mauro Fasano, Università degli Studi dell'Insubria

NB: this course is borrowed from the PhD in Experimental and Translational Medicine and will provide credits for both the Trends in Biomolecular Sciences - Next generation OMICS and system biology and Trends in Biomedical Sciences - Biomarkers and translational research in human pathology courses.

To be defined

Course on safety and good practice in the laboratory

(1 CFU) organized by PhD School - Università degli Studi dell'Insubria

NB: participation in this course is strongly recommended, especially for the XLI cycle students. A certificate will be issued at the end of the course

September 2026

Wed 18th, 14.30-18.30

Free choice seminars

To be defined - organized by E. Caruso

Molecular Photoswitches

“Principles and Design for Biomedical Applications”

“Molecular Photoswitches in Action: Insights from Our Research”

Carlo Matera, Università degli Studi di Milano, La Statale



Via J.H. Dunant, 3 – 21100 Varese (VA) – Italia

Tel. +39 0332 42 1339-1443

Email: dottorato.dbsv@uninsubria.it – PEC: dbsv@pec.uninsubria.it

Web: www.uninsubria.it

P.I. 02481820120 - C.F. 95039180120

Chiaramente Insubria!





22nd-24th, 14:00-18:00 **Cross-Disciplinary and Soft Skills – module B**
(2.5 CFU) – organized by S. Sacchi and CRIETT

“Corso di microscopia confocale”

Miriam Ascagni, UNITEC No limits, Università degli Studi di Milano, La Statale
Maurizio Abbate
Tecnici CRIETT

October 2026

To be defined **Trends in Biomolecular Sciences – Molecular mechanisms in health and disease**
(0.25 CFU) – organized by S. Sacchi

“Biomolecular interaction analysis in basic and applied research”

Luciano Pirone, Istituto di Biostrutture e Bioimmagini, CNR, Napoli

Thu 22nd, 14:00-18:00 **Free choice seminars**
(0.5 CFU) – organized by G. Tettamanti

“GMOs in the 21st century: innovation, applications, and responsible use”

Christoph C. Tebbe, Technical University of Braunschweig
Vice Chair - panel Genetically Modified Organisms - European Food
Safety Authority (EFSA)

