# CURRICULUM VITAE

## INFORMAZIONI PERSONALI


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| Cognome Nome | **Martinis Jacopo** |
| Telefono (lavoro) | 011 2686 270 |
| E-mail | jacopo.martinis@izsplv.it |
| Codice ORCID | N/A |
| Codice ResearcherID | N/A |
| Codice Scopus Author Identifier | N/A |


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| Struttura Semplice di assegnazione | S.S. Accettazione Centralizzata |
| Struttura Complessa | Staff alla Direzione Sanitaria |
| Attuali aree di ricerca | Area delle attività tecniche e di laboratorio (Area F - rif. Decreto 164/2020) |

## ESPERIENZE LAVORATIVE

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| • Periodo | 01/10/2026 – TUTT'ORA |
| • Datore di lavoro | ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE LIGURIA E VALLE D'AOSTA<br>VIA BOLOGNA 148 - 10154 TORINO - ITALY |
| • Settore / Struttura | *S.S. ACCETTAZIONE CENTRALIZZATA* |
| • Tipologia di contratto e Profilo | *CONTRATTO A T.D. - RICERCATORE SANITARIO / COLLABORATORE PROFESSIONALE DI RICERCA SANITARIA (Legge n. 205 del 27 dicembre 2017)* |
| • Principali attività e responsabilità | N/D |

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|---|---|
| • Periodo | 2024 – 2026 |
| • Settore | Biotech, Farmaceutico, Food/Nutraceutico, Cosmetico |
| • Tipologia di contratto | *CONSULENTE* |
| • Principali attività e responsabilità | ▪ Capital investment and site expansion (design and creation of three QC testing laboratories, Novartis GMP warehouse restructuring, etc.)<br>▪ Deployment of new technologies (e.g.: CCIT, automated manufacturing lines) and digital transformation tools (e.g.: LIMS, LabX, etc.)<br>▪ Process streamline improvement, lean/OpEx optimization and validation<br>▪ Problem-solving and root-cause investigation of deviations and non-conformities, definition of suitable CAPAs<br>▪ Management of the Analytical Science & Technology (AS&T) group at Novartis RLT in Colleretto Giacosa |

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| • Periodo | 2020 – 2023 |
| • Datore di lavoro | EXCELLGENE<br>ROUTE DE L'ILE-AU-BOIS 1A, 1870 MONTHEY, SWITZERLAND |
| • Settore | Farmaceutico |
| • Tipologia di contratto | *CONTRATTO A T.I. - QUALITY HEAD* |
| • Principali attività e responsabilità | ▪ *Responsible for leading the Quality team, ensuring performance (KPI, CQA, etc.), chemical, biochemical and microbiological release & stability testing, support to clients and audit/inspection readiness*<br>▪ *CAPEX/OPEX investment project management for CDMO expansion/reorganization and for the establishment of the GMP QC and AAV platforms; expansion of the analytical capabilities, deployment of new technologies, SME role in support to multiple client projects*<br>▪ *ISO 9001:2015 accreditation, QMS implementation, process mapping, digitalization and automation* |

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| • Periodo | 2018 – 2019 |
| • Datore di lavoro | PHILIP MORRIS INTERNATIONAL<br>QUAI JEANRENAUD 3, 2000 NEUCHATEL, SWITZERLAND |
| • Settore | Clinico, Biotech |
| • Tipologia di contratto | *CONTRATTO A T.I. - AUTOMATION / PROCESS VALIDATION SPECIALIST* |
| • Principali attività e responsabilità | ▪ NGS platform FDA accreditation: process validation, equipment qualification, QA review and life-cycle management of documentation<br>▪ Project lead for the establishment of the SMRT/ONT platform: deployment of new technologies, method development, preparative and QC process mapping, automation (liquid handling workstations, LIMS, ELN, etc.), lean improvement and validation |
| • Periodo | 2015 – 2017 |
| • Datore di lavoro | ERA-CAPS EU/SNF RESEARCH CONSORTIUM<br>ALTENBERGRAIN 21, 3013 BERN, SWITZERLAND |
| • Settore | R&D |
| • Tipologia di contratto | *CONTRATTO A T.I. - PROJECT LEADER* |
| • Principali attività e responsabilità | ▪ Responsible for the Swiss segment of the SourSi multi-site project for tomato multi-locus genome bioengineering (sponsor: Syngenta)<br>▪ Design and establishment of an automated greenhouse for phenomics, high-throughput genotyping and metabolic profiling trials |
| • Periodo | 2013 – 2015 |
| • Datore di lavoro | VITAMINS & ENVIRONMENTAL STRESS RESPONSES LAB, UNIVERSITY OF GENEVA<br>QUAI E. ANSERMET 30, 1211 GENEVA 4, SWITZERLAND |
| • Settore | R&D |
| • Tipologia di contratto | *CONTRATTO A T.I. - SENIOR SCIENTIST* |
| • Principali attività e responsabilità | ▪ Responsible for the lyophilization/freeze-drying platform, for the aqueous and non-aqueous fractionation of biological matrices<br>▪ Design of biofortification strategies for improved crop/soil-free cultures yield, harvest rate and animal nutrition.<br>▪ Development, validation and transfer of chromatographic, HCS and non-invasive photometric assays for the investigation of the effects on circadian development, long-distance fluxes & sub-cellular compartmentation, growth regulators profile (polyamines, Vit. $B_1$, $B_6$, etc.) |
| • Periodo | 2008 – 2012 |
| • Datore di lavoro | SYSTEMSX - THE SWISS INITIATIVE IN SYSTEMS BIOLOGY<br>RUE EMILE-ARGAND 11, 2009 NEUCHÂTEL, SWITZERLAND |
| • Settore | R&D |
| • Tipologia di contratto | *CONTRATTO A T.I. - ASSOCIATE SCIENTIST* |
| • Principali attività e responsabilità | ▪ Establishment of the international NPAC analytical chemistry platform<br>▪ Development of high-throughput UHPLC-MS methods for lipidomics/proteomics profiling and for the determination of sub-cellular metabolism, oxidative state, regulation of high-energy processes during cell/organism acclimation to changing environmental conditions |
| • Periodo | 2005– 2007 |
| • Datore di lavoro | CNR - NATIONAL RESEARCH COUNCIL OF ITALY<br>VIALE PIER ANDREA MATTIOLI 25, TORINO, ITALIA |
| • Settore | Ricerca |
| • Tipologia di contratto | *INTERNSHIP* |
| • Principali attività e responsabilità | ▪ Method development for elemental quantification (ICP-AES) and for the *in vivo* tracking in confocal microscopy of heavy metal species<br>▪ Bioremediation strategies of contaminated soils, DNA barcoding and identification of species-specific molecular markers for the study of truffle genetic diversity aimed at the identification and prevention of food frauds |

## TITOLI DI STUDIO

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| • Periodo | 2008 – 2012 |
| • Ateneo | University of Neuchâtel, Switzerland |
| • Titolo | PhD in Biochemistry and Plant Physiology |
| • Tesi | "Functional characterization of three ABC1-like kinases found in the plastoglobule proteome" |
| • Periodo | 2005 – 2007 |
| • Ateneo | Università degli Studi di Torino, Italia |
| • Titolo | Laurea magistrale (M.Sc.) in Biotecnologie Agrarie e Vegetali |
| • Classificazione nazionale (codice) | 7/S o LM-7 |
| • Tesi | "Utilizzo di marcatori fluorescenti per la visualizzazione dei metalli pesanti in sistemi micorrizici ericoidi" |
| Votazione finale: | 110/110 e lode |
| • Periodo | 2002 – 2005 |
| • Ateneo | Università degli Studi di Torino, Italia |
| • Titolo | Laurea triennale (B.Sc.) in Biotecnologie |
| • Classificazione nazionale (codice) | L-2 |
| • Tesi | "Fitorisanamento di suoli contaminati da metalli pesanti: aspetti biologici e prospettive biotecnologiche" |
| Votazione finale: | 110/110 e lode |
| • Periodo | 1997 – 2002 |
| • Ateneo | Liceo Scientifico E. Bérard, Aosta, Italia |
| • Titolo | Diploma di maturità scientifica, indirizzo chimico-biologico |
| Votazione finale: | 100/100 |

## TRAINING PROFESSIONALE

| Anno | Formatore | Titolo Formazione |
|---|---|---|
| 2003 | UniTO | Physical Chemistry/Enzymology |
| 2003 | UniTO | Patenting for Biotechnologies |
| 2003 | UniTO | Organic Chemistry |
| 2003 | UniTO | Mathematical Analysis |
| 2003 | UniTO | International Economy |
| 2003 | UniTO | Genetics |
| 2003 | UniTO | General Physics |
| 2003 | UniTO | General and Inorganic Chemistry |
| 2003 | UniTO | Developmental Biology/Embriology |
| 2003 | UniTO | Cellular Biology |
| 2003 | UniTO | Applied in silico Statistics |
| 2003 | UniTO | Applied Hygiene |
| 2004 | UniTO | Plant Biology |
| 2004 | UniTO | Pharmacology |
| 2004 | UniTO | Pharmaceutical technology, socio-economy and legislation |
| 2004 | UniTO | Molecular Biology |
| 2004 | UniTO | Microbiology |
| 2004 | UniTO | Immunology |
| 2004 | UniTO | Communication, sociology and public perception |

| Anno | Formatore | Titolo Formazione |
|---|---|---|
| 2004 | UniTO | Bioinformatics |
| 2004 | UniTO | Biochemistry |
| 2005 | UniTO | Plant Physiology |
| 2005 | UniTO | Plant Pathology and Virology |
| 2005 | UniTO | Plant Biology II |
| 2005 | UniTO | Genetic Biotechnologies |
| 2005 | UniTO | Floriculture, horticulture and urban nurseries |
| 2005 | UniTO | Entomology |
| 2005 | UniTO | EEC/EU Law |
| 2005 | UniTO | Constructed wetlands and phytoremediation |
| 2005 | UniTO | Aseptic techniques in tissue culture |
| 2005 | UniTO | Agricultural Microbiology |
| 2006 | UniTO | Sustainable crop management |
| 2006 | UniTO | Statistics for experimental research |
| 2006 | UniTO | Selective Subtractive Hybridization |
| 2006 | UniTO | Phytopathology |
| 2006 | UniTO | Molecular virology |
| 2006 | UniTO | Genomics analysis |
| 2006 | UniTO | Genetic transformation |

| Anno | Formatore | Titolo Formazione |
|---|---|---|
| 2006 | UniTO | Environmental biotechnologies |
| 2006 | UniTO | Crop protection and integrated pest management I&II |
| 2006 | UniTO | Advanced Microscopy |
| 2006 | UniTO | Applied Genomics |
| 2006 | UniTO | Agronomy |
| 2006 | UniTO | Advanced bioinformatics |
| 2007 | UniTO | Supply chain management, traceability and HACCP |
| 2007 | UniTO | Plant physiology |
| 2007 | UniTO | Microbiology in food transformation |
| 2007 | UniTO | Laser-Assisted Microdissection |
| 2007 | UniTO | Economy applied to the agro/food industry |
| 2007 | UniTO | Crop genetic improvement |
| 2007 | UniTO | Bioethics |
| 2007 | UniTO | Agricultural and food industry law |
| 2007 | UniTO | Advanced plant biotechnologies |
| 2009 | UniNE | Scientific writing |
| 2009 | UniNE | Monocot systems for fundamental plant research |
| 2010 | UniNE | Scanning Electron Microscopy |
| 2010 | EPFL | Protein Identification by Mass Spectrometry |
| 2010 | UniNE | Project Management for Research |
| 2010 | UniNE | Peer review and writing manuscripts |
| 2010 | UniNE | Patenting in Life Sciences |
| 2010 | UniNE | Microarray analysis |
| 2011 | UniNE | Plant Light Responses |
| 2011 | UniNE | Chromatography and Mass Spectrometry |
| 2012 | UniNE | Writing Grant Proposals |
| 2012 | UniNE | Plant Metabolomics |
| 2013 | UniGE / EPFL | Physical Biology of Transcription |
| 2015 | UniBE | Advanced microscopy |
| 2016 | UniBE | Greenhouse Trial Management |
| 2018 | PMI | Study Plan, Report and Amendment for Systems Toxicology |
| 2018 | PMI | Study Management for Systems Toxicology |
| 2018 | PMI | SIMS |
| 2018 | PMI | SDMS Contributor ILT |
| 2018 | PMI | Rules for Handwritten Documented Information |
| 2018 | PMI | Risky Behavior, Information Security |
| 2018 | PMI | Risk Management |
| 2018 | PMI | Resolving Conflicts of Interest |
| 2018 | PMI | QSS / Nonconformity Management |
| 2018 | PMI | OMSP |
| 2018 | PMI | Nonconformity Management |
| 2018 | PMI | Management of laboratory equipment and labelling |

| Anno | Formatore | Titolo Formazione |
|---|---|---|
| 2018 | PMI | Management of biohazardous waste |
| 2018 | PMI | Manage Training Records and Information |
| 2018 | PMI | Manage On-Boarding and Handover |
| 2018 | PMI | LIMS |
| 2018 | PMI | Lifecycle of Lab Equipment and Instruments |
| 2018 | PMI | Hardcopy Record Management |
| 2018 | PMI | Hardcopy Document Management |
| 2018 | PMI | Handling and wastes disposal of human samples |
| 2018 | PMI | Handle Exceptions |
| 2018 | PMI | Global Data Protection and Privacy |
| 2018 | PMI | Gas/Aerosol management |
| 2018 | PMI | Environment, Health, Safety, and Security (EHS&S) |
| 2018 | PMI | Electronic Records Management |
| 2018 | PMI | Deviation from a Study Plan, SOP or WKI for Systems Toxicology |
| 2018 | PMI | Data Governance |
| 2018 | PMI | Change Management |
| 2018 | PMI | CAPA management |
| 2018 | PMI | Biosafety refresh |
| 2018 | PMI | Appropriate Workplace Behaviour |
| 2019 | alliopée | Project and risk management (PMI/PMP v6) |
| 2019 | Smart Lighthouse Consulting | Negotiation strategies for conflict management |
| 2019 | Smart Lighthouse Consulting | Managerial competences |
| 2019 | AriaQ / Debiopharm | GMP refresh |
| 2019 | alliopée | Agile Project Management (Scrum) |
| 2020 | Applikon Academy | Cultivation Course (Basic) |
| 2020 | Applikon Academy | Cultivation Course (Advaned) |
| 2020 | PTI | Biotechnology CMC Regulatory Requirements and Quality Expectations |
| 2020 | ECA | GMP for Equipment, Utilities and Facilities |
| 2020 | ECA | Process Validation (Annex 15 and FDA) |
| 2020 | GE FastTrak | Bioprocess scale-up and technology transfer |
| 2020 | GE FastTrak | Downstream bioprocess development |
| 2020 | CfPIE | Analytical Method Validation |
| 2020 | Wyatt | MALS and DLS |
| 2020 | PTI | Biopharmaceutical manufacturing |
| 2021 | StatEase | Design of Experiments (DoE) |
| 2021 | NIBRT | QC Bioanalytics |
| 2021 | Merck | Critical Qualty Attributes of Therapeutic Recombinant Proteins |
| 2021 | BioFrey / Symmetric | Process Scale-up, Validation and Technology Transfer for Biologics |
| 2021 | ECA | Bioassays and Bioanalytical Methods |
| 2021 | ECA | Stability Testing for Biological/Biotechnological Drug Substances and Drug Products |

| Anno | Formatore | Titolo Formazione |
|---|---|---|
| 2021 | Therapeomic (Tudor Arvinte) | Use of Fluorescence Spectroscopy in the Study of Drugs, Proteins and Membranes |
| 2021 | Therapeomic (Tudor Arvinte) | New Methods to Study Aggregation and Particulate Matter in Biopharmaceuticals |
| 2021 | ECA | Practical Statistical Tools for Analytical Laboratories |
| 2022 | b-safe GmbH | BSL2 Biosafety Training |
| 2022 | ECA | Protein Analytics: Evaluation, Implementation and Use of Suitable Technologies (Bringing Compliance and Science together) |
| 2022 | ECA | ECA GMP Certification Programme - Biotech Manager |
| 2022 | Cygnus Technologies | Orthogonal methods for HCP quantification and characterization |
| 2022 | CfPIE | Quality Assurance/Quality Control for Biologics and Biopharmaceuticals |
| 2022 | Siegfried | Quality Management System (QMS) ISO 9001 v.2015 |
| 2022 | UPS | Development and Characterization of Monoclonal Antibody Therapeutics |
| 2022 | Merck | Tips for improved Peptide Mapping: navigating past pitfalls to achieve new peaks of success |
| 2022 | Qiagen | PICO: Protein Interaction COupling for protein detection on dPCR systems |
| 2022 | NovaProfil | "People Leaders" management training |
| 2022 | Siegfried | Equipment qualification |
| 2022 | Qdossier / Celegence | Biosimilars |
| 2022 | Phenomenex | Modern Chemistries for Biopharma Applications |
| 2022 | Waters | The risks and costs associated to human errors in pharma QA/QC laboratories |
| 2022 | Lonza / BioArk | Use of Virtual Reality for GMP training |
| 2022 | CfPIE | Clinical Trial Project Management, Phase 1-4 Best Practices |
| 2023 | Waters | Error Mitigation in Pharmaceutical Quality Assurance and Control |
| 2023 | Tosoh | Hydrophobic Iteraction Chromatography |
| 2023 | Waters | Quick, Clean and Complete Peptide Mapping for mAbs |
| 2023 | Merck (BioReliance) | Viral Clearance |
| 2023 | Catalent | Degradation of mRNA lipid nanoparticles (mRNA LNP) |
| 2023 | Catalent | Ensuring Success In Early Biopharmaceutical Formulation Development by Leveraging High-Throughput Analytics and Automation |
| 2023 | Siegfried | Deviations & Investigations |
| 2023 | Thermo FIsher Scientific | Analytical solutions for biofarmaceutical manufacturing |
| 2023 | Cygnus Technologies | MockV MVM for viral clearance |
| 2023 | Agilent Technologies | Does N-Glycan sample prep matter? |
| 2023 | Waters | Thermal Analysis in Pharmaceutical Industry |
| 2023 | Agilent Technologies | Introduction to the Anlysis of Adeno-associated Virus Particles |
| 2023 | CuraTeQ Biologics | Analytics of AAV based Gene Therapeutics |
| 2023 | Agilent Technologies | AAV Capsid Protein Analysis using high-res LC/MS |
| 2023 | Agilent Technologies | Peptide-Based Attributes of AAV with a Comprehensive LC/MS Method |
| 2023 | Sartorius | Accelerating Biosimilar Development using BLI |
| 2023 | Thermo FIsher Scientific | A Novel Ion Exchange Phase media for High-Resolution Charge Profiling of Various Biopharmaceutical Modalities |
| 2023 | Leadership class | The 80/20 Principle (Richard Koch) |
| 2024 | Thermo Fisher Scientific | Sterile and Aseptic Processing for GMP (Annex 1) |
| 2024 | Novartis | Radioprotection training |
| 2024 | Novartis | Cleanroom Manufacturing training and validation |
| 2024 | Novartis | Management of Investigations in the GMP Environment |
| 2026 | IZSPLV | SIGLA 4.0 |
| 2026 | IZSPLV | UNI CEI EN ISO/IEC 17025:2018 |
| 2026 | Syllabus | Project Management (Advanced) |
| 2026 | Syllabus | Cybersecurity |
| 2026 | Syllabus | Data protection and privacy |
| 2026 | Syllabus | Digital transformation |

## LINGUE STRANIERE

***INGLESE*** Ascolto: C2, Lettura: C2, Interazione: C2, Produzione orale: C2, Scritto: C2

***FRANCESE*** Ascolto: C2, Lettura: C2, Interazione: C2, Produzione orale: C2, Scritto: C2

***TEDESCO*** Ascolto: A2, Lettura: A2, Interazione: A2, Produzione orale: A2, Scritto: A2

**PUBBLICAZIONI**

**Research papers on peer-reviewed journals:**

Martinis J., Kessler F., Glauser G.
**A novel method for prenylquinone profiling in plant tissues by ultra-high pressure liquid chromatography-mass spectrometry**.
Plant Methods. 2011 Jul; 21;7(1):23.
doi: 10.1186/1746-4811-7-23. PMID: 21777468
https://plantmethods.biomedcentral.com/articles/10.1186/1746-4811-7-23

Martinis J., Glauser G., Valimareanu S., Kessler F.
**A chloroplast ABC1-like kinase regulates vitamin E metabolism in *Arabidopsis*.**
Plant Physiol. 2013 Jun; 162(2):652-62.
doi: 10.1104/pp.113.218644. PMID: 23632854
https://academic.oup.com/plphys/article/162/2/652/6110745

Martinis J., Glauser G., Valimareanu S., Stettler M., Zeeman S.C., Yamamoto H., Shikanai T., Kessler F.
**ABC1K1/PGR6 kinase: a regulatory link between photosynthetic activity and chloroplast metabolism**.
Plant J. 2014 Jan; 77(2):269-83.
doi: 10.1111/tpj.12385. PMID: 24267661
https://onlinelibrary.wiley.com/doi/full/10.1111/tpj.12385

Martinis J., Gas-Pascual E., Szydlowski N., Crèvecoeur M., Gisler A., Bürkle L., Fitzpatrick T.B.
**Long-Distance Transport of Thiamine (Vitamin B1) Is Concomitant with That of Polyamines**.
Plant Physiol. 2016 May; 171(1):542-53.
doi: 10.1104/pp.16.00009. PMID: 27006489
https://academic.oup.com/plphys/article/171/1/542/6115125

Battey J.N.D, Szostak J., Blaine P., Teng C., Tung C.K., Ting L.W., Shan Y.Y., Ouadi S., Baumer K., ThomasJerome Thomas J., Martinis J., Sierro N., Nikolai I.V., Vanscheeuwijck P., Peitsch M.C., Hoeng J.
**Impact of 6-Month Exposure to Aerosols From Potential Modified Risk Tobacco Products Relative to Cigarette Smoke on the Rodent Gastrointestinal Tract**.
Front. microbiol. 2021 Jul; 2;12:587745.
doi: 10.3389/fmicb.2021.587745. PMID: 34276574
https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2021.587745/full

Counoupas C., Pino P., Stella A.O., Ashley C., Lukeman H., Bhattacharyya N.D., Tada T., Anchisi S., Metayer C., Martinis J., Aggarwal A., Dcosta B.M., Britton W.J., Kint J., Wurm M.J., Landau N.R., Steain M., Turville S.G., Wurm F.M., David S.A., Triccas J.A.
**High-Titer Neutralizing Antibodies against the SARS-CoV-2 Delta Variant Induced by Alhydroxyquim-II-Adjuvanted Trimeric Spike Antigens**.
Microbiol Spectr. 2022 Feb; 23;10(1):e0169521.
doi: 10.1128/spectrum.01695-21. Epub 2022 Feb 16. PMID: 35171046
https://pmc.ncbi.nlm.nih.gov/articles/PMC8849074/

Croissant C., Armitano J., Lazuech B., Švec D., Pugin C., Guesdon A., Bryan L., Castro A., Neuhaus L., Fonti G., Martinis J., Wurm M.J., Wurm F.M., Pino P.
**A new T-antigen negative HEK293 cell line with improved AAV productivity.**
Biotechnol Bioeng. 2023 Jul; 120(7):1953-1960.
doi: 10.1002/bit.28414. Epub 2023 May 26. PMID: 37232541.
https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/bit.28414

**Selected posters:**

Martinis J., Eugeni Piller L., Venkatasalam S., Besagni Andrès C., Kessler F.,
**Plastoglobules: chloroplast lipid droplets involved in plant stress responses and in thylakoid lipid metabolism**.
RTD Plant Growth in a changing Environment Meeting.
Weggis, Switzerland, 11-12. September 2009.

Martinis J., Herwig S., Samol I., Shapiguzov A., Kölling K., Kessler F., Rochaix J.D., Gruissem W., Goldschmidt-Clermont M., Zeeman S.C.
**Understanding Photosynthesis-Growth Interaction**.
SystemsX.ch Mid-term Review.
Zurich, Switzerland, October 21-22 2010.

Martinis J., Glauser G., Havaux M., Shikanai T., Kessler F.
**Role of plastoglobules in plant growth and photosynthesis regulation.**
PGCE Meeting.
Bern, Switzerland, January 21 2011.

Martinis J., Kessler F.
**Role of plastoglobule ABC1-like kinases in the regulation of photosynthesis and of thylakoid membranes lipid content**.
FEBS Workshop - Plant Organellar Signaling: from Algae to Higher Plants.
Primosten, Croatia, August 31-September 3 2011.

Martinis J., Kubiszewski-Jakubiak S., Shameer S., de Menezes Daloso D., Bock R., Fermie A., Rentsch D., Ratcliffe G., Sweetlove L.
**Simultaneous manipulation of source and sink metabolism for improved crop yield**.
Ostermundingen, Switzerland, March 18 2016.

Saucereau Y., Guesdon A., Li V., Bryan L., Lazuech B., Svec D., Neuhaus L., Cerminara L., Croissant C., Fonti G., Pino P., Wurm M.J., Martinis J.
**Development of a Bio-Layer Interferometry high-throughput method for the rapid quantification of intact AAV vectors in complex biological matrices.**
Advanced Therapies 2023, Advancing Cell & Gene Therapies.
London, United Kingdom, March 14-15 2023.

**RESPONSABILE DI PROGETTO O DI UO DI PROGETTO**

2009 – 2013
SystemsX (The Swiss Initiative in Systems Biology)
Subproject 3: Growth and Metabolism
www.systemsx.ch

2015 - 2017
ERA-CAPS (European Research Area Network for Coordinating Action in Plant Sciences)
Call 2 Project: SourSi (Simultaneous manipulation of source and sink metabolism for improved crop yield)
www.eracaps.org

2021 – 2023
CEPI (Coalition for Epidemic Preparedness Innovations)
Subprojects:
- Trimeric SARS-CoV-2 Spike Protein Production for Global Adjuvant Library
- 'Variant-proof' SARS-CoV-2 vaccine candidate development

www.cepi.net

**ULTERIORI INFORMAZIONI**

**Premi:**

Bayer Cropscience Best Poster Award 2011
FEBS YTF (Youth Travel Fund) Grant 2011

**Società scientifiche:**

EPSO (European Plant Science Organisation) [2013-2017]
FEBS (Federation of European Biochemical Societies) [2011-2017]
LS2 (former Swiss Society of Molecular and Cellular Biosciences) [2011-2017]

***Data 02/11/2026***

***autorizzo il trattamento dei miei dati personali presenti nel CV***
***ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali"***
***e dell'art. 13 del GDPR (Regolamento UE 2016/679)***