

## PUBLICATION & FUNDING SUMMARY

### Plenary and Invited Conference Contributions

- 1. Carbonyl Reduction and Baeyer-Villiger Oxidation Reactions with Native and Recombinant Whole Cells**  
*Blue Danube Lecture*  
*9<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, June 16-20, 2002, Tatranska Lomnica, Slovak Republic.*
- 2. Biooxidations Using Native and Recombinant Whole Cells**  
*Keynote Lecture*  
*COST D25 Workshop "The Future of Biocatalysis in the European Union", September 30-October 2, 2004, Athens, Greece.*
- 3. Biooxidations En Route to Drug Intermediates Utilizing Native and Recombinant Whole-Cells**  
*Invited Lecture*  
*International Conference on Chemistry Biology Interface: Synergistic New Frontiers CBISNF2004, November 21-26, 2004, New Delhi, India.*
- 4. Whole-Cell Mediated Biooxygenation as Tool in Synthetic Chemistry**  
*Plenary Lecture*  
*Frontiers in Catalysis, September 8-10, 2005, Visegrad, Hungary.*
- 5. Whole-Cell Mediated Biooxygenation as Tool in Synthetic Chemistry**  
*Plenary Lecture*  
*Workshops ERA-Chemistry 2006, March 13-15, 2006, Madrid, Spain.*
- 6. Biooxygenation in Organic Synthesis**  
*Plenary Lecture*  
*Scientific Update Conferences 2006 – Industrial Biotransformations, May 4-5, 2006, Barcelona, Spain.*
- 7. Metal Assisted and Chemoenzymatic Synthesis of Biactive Compound Intermediates**  
*Plenary Lecture*  
*XXII European Colloquium on Heterocyclic Chemistry, September 2-6, 2006, Bari, Italy.*
- 8. Oxidative Biocatalysis Utilizing Whole-Cell Systems**  
*Plenary Lecture*  
*Trends in Medicinal Chemistry – GÖCh Workshop, October 9-10, 2006, Vienna, Austria.*
- 9. Biooxygenations as Tool in the Synthesis of Bioactive Compounds**  
*Invited Lecture*  
*8<sup>th</sup> International Symposium on Biocatalysis and Biotransformations – Biotrans2007, July 8-13, 2007, Oviedo, Spain.*

- 10. Redox Biocatalysis towards Bioactive Compounds**  
*Plenary Lecture*  
*ACS Hungary Meeting Frontiers in Organic Synthesis, October 10-12, 2007, Budapest, Hungary.*
- 11. Enzyme and Metal Assisted Reactions in Bioactive Compound Synthesis**  
*Plenary Lecture*  
*Modern Synthetic Methods & Chiral Europe, May 21-23, 2008, Vilamoura, Portugal.*
- 12. Baeyer-Villiger Monooxygenases in Asymmetric Synthesis and Beyond**  
*Plenary Lecture*  
*Gordon Research Conference on Biocatalysis, July 6-11, 2008, Smithfield, RI, USA.*
- 13. Biooxygenations in Chiral Synthesis**  
*Plenary Lecture*  
*5<sup>th</sup> Forum on Asymmetric Synthesis and Technologies (FAST 2008), October 27-29, 2008, Philadelphia, USA.*
- 14. Enzyme and Metal Assisted Reactions in Bioactive Compound Synthesis**  
*Plenary Lecture*  
*29<sup>th</sup> Summer School on Chemistry, February 16-20, 2009, Sao Carlos, Brazil.*
- 15. Bioorganic Chemistry in Sustainable Synthesis**  
*Plenary Lecture*  
*13<sup>th</sup> Austrian Chemistry Days, August 24-27, 2009, Vienna, Austria.*
- 16. Green Chemistry @ Sparkling Science**  
*Invited Lecture*  
*Sparkling Science Congress, November 27, 2009, Vienna, Austria.*
- 17. Biocatalysis and Medicinal Chemistry – Crossroads and Synergies**  
*Keynote Opening Lecture*  
*Joint COST CM0701 & D34 Meeting, January 18-21, 2010, Panhans/Semmering, Austria.*
- 18. Bioorganic Chemistry in Sustainable Synthesis**  
*Plenary Lecture*  
*2010 Green Sustainable Chemistry Symposium, September 21, 2010, Tottori, Japan.*
- 19. Biooxygenation in Chiral Compound Synthesis**  
*Plenary Lecture*  
*14<sup>th</sup> Japanese Symposium on the Chemistry of Biocatalysis, September 23-24, 2010, Shizuoka, Japan.*
- 20. Redox Biocatalysis in Asymmetric Synthesis of Bioactive Compounds**  
*Plenary Opening Lecture*  
*4<sup>th</sup> Regional Meeting on Biocatalysis and Biotransformations, December 8-10, 2010, Montevideo, Uruguay.*
- 21. Small Molecule Induced Cardiomyogenesis – Potential Drugs for Tissue Regeneration**  
*Invited Lecture*  
*Austrodrugs Meeting, March 31, 2011, Vienna, Austria.*

- 22. Novel Lead Compounds for Heart Muscle Cell Regeneration**  
*Invited Lecture*  
*Innovative Medicinal Technologies - Workshop, May 3, 2011, Vienna, Austria.*
- 23. Redox Biocatalysis in Asymmetric Synthesis of Bioactive Compounds**  
*Invited Lecture*  
*iBOS Open Conference, May 15-17, 2011, Lunteren, Netherlands.*
- 24. Metal-assisted Synthetic Approaches to Small Molecules Modifying Cell Differentiation**  
*Plenary Lecture*  
*VII Joint Meeting on Medicinal Chemistry, June 29 – July 2, 2011, Catania, Italy.*
- 25. Sustainable Strategies in Modern Synthesis**  
*Invited Lecture*  
*14<sup>th</sup> Austrian Chemistry Days, September 26-29, 2011, Linz, Austria.*
- 26. Green Chemistry @ Sparkling Science**  
*Invited Lecture*  
*Sparkling Science Congress, October 14, 2011, Vienna, Austria.*
- 27. Green Chemistry in Austria – Alternative Strategies in Molecular Synthesis**  
*Keynote Lecture*  
*Symposium Green Chemistry – Workshop by the Austrian Ministry for Agriculture and Life Sciences, November 21, 2011, Vienna, Austria.*
- 28. Bioorganic Chemistry – At the Interface of Chemistry and Biology**  
*Keynote Lecture*  
*Organic Synthesis: Chemistry and Technology, June 4-8, 2012, Yekatarinburg, Russia.*
- 29. Modular Synthetic Strategies towards Small-Molecule Assisted Regenerative Medicine**  
*Keynote Lecture*  
*Frontiers in Medicinal Chemistry, June 12-14, 2012, Vienna, Austria.*
- 30. Metal Assisted Synthetic Approaches to Heterocyclic Small Molecules Modifying Cell Differentiation**  
*Invited Lecture*  
*XXV<sup>th</sup> European Colloquium on Heterocyclic Chemistry, August 13-17, 2012, Reading, UK.*
- 31. Metal-Assisted Methods for the Synthesis of Small-Molecules Affecting Cell Differentiation**  
*Keynote Opening Lecture*  
*4<sup>th</sup> Young Investigators Workshop EUCHEMS Organic Division, August 23-26, 2012, Vienna, Austria.*
- 32. Cascade Reactions Employing Enzyme Catalysis**  
*Invited Lecture*  
*14<sup>th</sup> Tetrahedron Symposium – Challenges in Organic & Bioorganic Chemistry, June 25-28, 2013, Vienna, Austria.*

- 33. Employing Baeyer-Villiger Monooxygenases in Fine Chemical Synthesis**  
*Keynote Lecture*  
*1<sup>st</sup> EUCHEMS Congress on Green and Sustainable Chemistry, October 13-15, 2013, Budapest, Hungary.*
- 34. Cascade Reactions Employing Enzyme Catalysis**  
*Invited Lecture*  
*14<sup>th</sup> Tetrahedron Symposium Asian Edition – Challenges in Organic & Bioorganic Chemistry, October 20-24, 2013, Seoul, Republic of Korea.*
- 35. Baeyer-Villiger Monooxygenases in Fine and Bulk Chemical Synthesis: Development of Showcase Applications**  
*Invited Lecture*  
*3<sup>rd</sup> Symposium on Biocatalysis – EMPA Academy, January 20, 2014, St. Gallen, Switzerland.*
- 36. Investigating GABA<sub>A</sub> Subtype Selectivity**  
*Invited Lecture*  
*4<sup>th</sup> Austrodrugs Workshop, March 7, 2014, Vienna, Austria.*
- 37. Continuous Reaction Processing in Bioorganic Chemistry**  
*Invited Lecture*  
*Green Chemistry for Pharma, September 23-24, 2014, Graz, Austria.*
- 38. Natural Compound Inspired Development of New Leads with Anti-Inflammatory and CNS Activities**  
*Invited Lecture*  
*IX<sup>th</sup> Joint Meeting in Medicinal Chemistry, June 7-10, 2015, Athens, Greece.*
- 39. Natural Compounds as Lead Structures for Focussed Compound Library Design towards Anti-Inflammatory and CNS Activities**  
*Invited Lecture*  
*16<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, June 14-17, 2015, Balatonalmadi, Hungary.*
- 40. Chemo-enzymatic Cascade Reactions**  
*Plenary Lecture*  
*13<sup>th</sup> Enzyme Engineering, September 6-11, 2015, Saint Petersburg, Florida, USA.*
- 41. Bioorganic Synthesis @ the Chemistry & 'Biology Interface**  
*Plenary Lecture*  
*9<sup>th</sup> Symposium on New Trends and Strategies in the Chemistry of Advanced Meterials with Relevance in Biological Systems, June 9-12, 2016, Timisoara, Rumania.*
- 42. Chemo-Enzymatic Cascade Reactions**  
*Keynote Lecture*  
*8<sup>th</sup> Wädenswil Day of Life Science & bCCBIO Symposium, June 20, 2016, Wädenswil, Switzerland.*
- 43. Chemo-Enzymatic Cascade Reactions**  
*Plenary Lecture*  
*Gordon Research Conference on Biocatalysis, July 10-15, 2016, Biddeford, ME, USA.*

**44. Chemo-Enzymatic Cascade Reactions***Invited Keynote Lecture**Biocat2016 – 8<sup>th</sup> International Congress on Biocatalysis, August 28 – September 1, 2016, Hamburg, Germany.***45. Flavoenzyme Biocatalysis – Challenges and Opportunities***Invited Keynote Lecture**5<sup>th</sup> International Conference on Cofactors & Active Enzyme Molecule 2016, September 4-8, 2016, Unazuki / Toyama Prefecture, Japan.***46. Flow Chemistry @ the Chemistry & Biology Interface***Opening Plenary Lecture**4<sup>th</sup> International Conference on Implementation of Microreactor Technology in Biotechnology, April 23-26, 2017, Bled, Slovenia.***47. Redox-Biocatalysis for Renewables Exploitation***Invited Keynote Lecture**13<sup>th</sup> International Conference on Renewable Resources and Biorefineries RRB-13, June 7-9, 2017, Wroclaw, Poland.***48. Flavoenzyme Biocatalysis – Challenges and Opportunities***Invited Keynote Lecture**17th Austrian Chemistry Days (Chemietage), Minisymposium Medicinal & Bioorganic Chemistry, September 25-28, 2017, Salzburg, Austria.***49. Chemo-Enzymatic Cascade Reactions***Invited Keynote Lecture**8th International CeBiTec Research – Reaction Concepts for Industrial Biocatalysis, April 9-11, 2018, Bielefeld, Germany.***50. Lab-automation – Showcases from the Chemistry-Biology Interface***Invited Keynote Lecture**26<sup>th</sup> Croatian Meeting of Chemists and Chemical Engineers, April 9-12, 2019, Šibenik, Croatia.***51. Flavoenzyme Biocatalysis in Bioorganic and Medicinal Chemistry – Challenges and Opportunities***Invited Keynote Lecture**EFMC-ISMIC 2021, August 29 – September 2, 2021, virtual conference.*

## Oral Conference Contributions

- 1. Trimethyl[1-(2-methyl-1-cyclohexen-1-yl)ethenyloxy]silane: A Versatile Diene for Homo- and Hetero-Diels-Alder Cyclizations**  
*15th National Organic Division Conference, June 30-July 5, 1996, Yeppoon, Qld, Australia.*
- 2. A Hetero-Diels-Alder Approach to Perhydro Quinolinones Bearing an Angular Methyl Group**  
*6th Blue Danube Symposium on Heterocyclic Chemistry, September 1-4, 1996, Brno, Czech Republic.*
- 3. Synthese von Perhydro-Chinolinonen mit angulärer Methylgruppe über Hetero-Diels-Alder Reaktion (Synthesis of Perhydro Quinolines Bearing an Angular Methyl Group via a Hetero Diels-Alder Reaction)**  
*13. Wissenschaftliche Tagung der Österreichischen Pharmazeutischen Gesellschaft, April 2-4, 1997, Vienna, Austria.*
- 4. Synthesis of Thieno[2,3-d]-1,2,3-thiadiazole-6-carboxylates as New Inducers of Systemic Acquired Resistance in Plants**  
*16th International Congress of Heterocyclic Chemistry, August 10-15, 1997, Bozeman, Montana, USA.*
- 5. Synthesis of Thiophene-Based Activators of Systemic Acquired Resistance in Plants**  
*1998 Florida ACS Meeting and Exposition (FAME '98), May 8-9, 1998, Orlando, Florida, USA.*
- 6. NMR Studies of Halogenated Heteroaromatic Cross Coupling Products**  
*14<sup>th</sup> NMR Valtice (Central European NMR Discussion Groups), April 12-14, 1999, Valtice, Czech Republic.*
- 7. Development and Application of a Recombinant E.coli Strain Overexpressing Cyclohexanone Monooxygenase as Microbial Catalyst for Baeyer-Villiger Oxidations**  
*1<sup>st</sup> Euro-Asian Meeting on Heterocyclic Chemistry, September 16-19, 2000, Suzdal, Russia.*
- 8. Microbial Baeyer-Villiger Oxidation of Heterocyclic Ketones with Recombinant E.coli Overexpressing Cyclohexanone Monooxygenase**  
*8<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, September 24-27, 2000, Bled, Slovenia.*
- 9. Design and Application of a Recombinant Expression System for Cyclohexanone Monooxygenase as Whole-cell Biocatalyst**  
*Biotrans2001, September 2-7, 2001, Darmstadt, Germany.*
- 10. A Biocatalytic Approach to the Taxol Side Chain via Yeast Mediated Reduction**  
*16<sup>th</sup> Scientific Congress of the Austrian Pharmaceutical Society, September 23-25, 2001, Vienna, Austria.*

- 11. Development and Application of Recombinant Overexpression Systems for Baeyer-Villiger Monooxygenases**  
*10<sup>th</sup> Austrian Chemistry Meeting, September 17-19, 2002, Linz, Austria.*
- 12. Enantiodivergent Baeyer-Villiger Oxidations by Recombinant Whole-Cells**  
*Biotrans2003, June 28 - July 3, 2003, Olomouc, Czech Republic.*
- 13. Stereopreference of Wild-type and Evolved Baeyer-Villiger Monooxygenases**  
*COST D25/WG5 Work Group Meeting, July 3, 2005, Delft, The Netherlands.*
- 14. Stereoselective Baeyer-Villiger Oxidation by Recombinant Whole-Cells**  
*20<sup>th</sup> International Congress of Heterocyclic Chemistry, July 31 – August 5, 2005, Palermo, Italy.*
- 15. 1,2-Dihydroxylation of Benzoic Acid and Subsequent Microwave-Assisted Diels-Alder Cyclization**  
*11<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, August 28 – September 1, 2005, Brno, Czech Republic.*
- 16. Coupling Strategies on Oxazole**  
*12<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, June 10-13, 2007, Tihany, Hungary.*
- 17. Application of Enantiocomplementary Baeyer-Villiger Biooxygenations by Recombinant Whole-Cell Organisms in Asymmetric Synthesis**  
*2<sup>nd</sup> EuCheMS Chemistry Conference, September 16-20, 2008, Torino, Italy.*
- 18. Microbial 1,2-Dihydroxylation of Aryl Carboxylates in Chiral Bioactive Compound Synthesis**  
*3<sup>rd</sup> EuCheMS Chemistry Conference, August 8 – September 2, 2010, Nürnberg, Germany.*
- 19. Novel Applications of Ene-Reductases in Dynamic Kinetic Resolutions and Redox-Cascade Biotransformations**  
*10<sup>th</sup> International Symposium on Biocatalysis – Biotrans2011, October 2-6, 2011, Giadrini Naxos, Italy.*
- 20. Small Molecule Mediated Regenerative Medicine – Novel Lead Compounds for Cardiomyogenesis**  
*4<sup>th</sup> EUCHEMS Chemistry Conference ECC4, August 26-30, 2012, Prague, Czech Republic.*
- 21. Baeyer-Villiger Monooxygenases in Fine and Bulk Chemical Synthesis: Development of Two Showcase Applications**  
*11<sup>th</sup> Biotrans Conference, July 21-25, 2013, Manchester, UK.*
- 22. Synthesis of Piperine Analogs as GABA<sub>A</sub> Receptor Ligands**  
*15<sup>th</sup> Austrian Chemistry Days – Minisymposium Medicinal & Bioorganic Chemistry, September 23-26, 2013, Graz, Austria.*

- 23. Metal Assisted Synthetic Approaches to Heterocyclic Small Molecules for the Treatment of Cardiovascular Diseases**  
*EFMC 12<sup>th</sup> International Symposium on Medicinal Chemistry, September 7-11, 2014, Lisbon, Portugal.*
- 24. Chemo-Enzymatic Cascade Reactions**  
*16th Austrian Chemistry Days (Chemietage), Minisymposium Medicinal & Bioorganic Chemistry, September 21-24, 2015, Innsbruck, Austria.*
- 25. Towards Biocatalytic Cascade Reactions – Merging Chemo- and Enzyme Catalysis**  
*BIT's 2<sup>nd</sup> International Biotechnology Congress IBC 2018, October 14-18, 2018, Fukuoka, Japan.*
- 26. Chemo-Enzymatic Cascade Reactions**  
*BIT's 9<sup>th</sup> World Gene Convention 2018, November 13-15, 2018, Singapore.*
- 27. Metal-Assisted Synthetic Approaches to Heterocycles for the Treatment of Cardiovascular Diseases**  
*BIT's 9<sup>th</sup> World Gene Convention 2018, November 13-15, 2018, Singapore.*



## Guest Lectures and Seminar Talks

- 1. New Approaches in Plant Protection Chemistry**  
*University of New Brunswick, November 7, 1997, Fredericton, New Brunswick, Canada.*
- 2. Systemic Acquired Resistance as New Approach in Plant Protection Chemistry**  
*University of New Brunswick – Saint John Campus, December 18, 1997, Saint John, New Brunswick, Canada.*
- 3. New Heterocyclic Systems in Plant Protection Chemistry**  
*University of Florida, January 21, 1998, Gainesville, Florida, USA.*
- 4. Anwendungen eines Escherichia Coli Überexpressionssystems von Cyclohexanon Monooxygenase als Biokatalysator auf dem Weg zu modifizierten Piracetam Derivaten (*Applications of an Escherichia Coli Overexpression System for Cyclohexanone Monooxygenase as Biocatalyst en Route to Modified Piracetam Derivatives*)**  
*Vienna University, December 13, 1999, Vienna, Austria.*
- 5. Entwicklung und Anwendung eines E.coli Expressionssystems für Cyclohexanon Monooxygenase als enantioselektiver Biokatalysator für Baeyer-Villiger Oxidationen (*Development and Application of an E. Coli Expression System for Cyclohexanone Monooxygenase as an Enantioselective Biocatalyst for Baeyer-Villiger Oxidations*)**  
*Karl Franzens University, June 16, 2000, Graz, Austria.*
- 6. Development and Application of an E. Coli Overexpression System for Cyclohexanone Monooxygenase as Biocatalyst en Route to Potential Morbus Alzheimer Drugs**  
*Urals State Technical University, September 12, 2000, Ekatarinburg, Russia.*
- 7. Microbial Baeyer-Villiger Oxidations with Recombinant E. Coli Overexpressing Cyclohexanone Monooxygenase**  
*Pliva Pharmaceutical Industries, April 2, 2001, Zagreb, Croatia.*
- 8. A Biocatalytic Approach to the Taxol Side Chain via Yeast Mediated Reduction**  
*Rudjer Boscovic Institute, April 3, 2001, Zagreb, Croatia.*
- 9. Microbial Baeyer-Villiger Oxidations with Recombinant E. Coli Overexpressing Cyclohexanone Monooxygenase en Route to Potential Morbus Alzheimer Drugs**  
*Bayreuth University, April 9, 2001, Bayreuth, Germany.*
- 10. Whole Cell Mediated Reductions and Oxidations as Synthetic Tools for the Preparation of Bioactive Compounds**  
*University of Reading, September 21, 2001, Reading, United Kingdom.*

- 11. Reductions and Baeyer-Villiger Oxidation of Ketones with Native and Recombinant Whole-Cells**  
*Technical University Graz, November 19, 2002, Graz, Austria.*
- 12. Microbial Carbonyl Reductions and Baeyer-Villiger Oxidations Utilizing Native and Recombinant Whole-Cell Systems**  
*University of Leipzig, December 13, 2002, Leipzig, Germany.*
- 13. Family Clustering of Baeyer-Villiger Monooxygenases Based on Protein Sequence and Biocatalytic Performance**  
*Université de la Méditerranée, February 7, 2004, Marseille, France (CERC3 kick-off).*
- 14. Generation of Drug-Precursors via Biooxidations Using Native and Recombinant Whole-Cells**  
*STU Bratislava, May 12, 2004, Bratislava, Slovak Republic.*
- 15. Biooxidations en Route to Bioactive Compound Intermediates Using Native and Recombinant Whole-Cells**  
*Chemical Research Center - Hungarian Academy of Science, June 7, 2004, Budapest, Hungary.*
- 16. Whole-cell Mediated Reductions and Baeyer-Villiger Oxidations towards Drug Precursors**  
*Eötvös Lorand University, June 9, 2004, Budapest, Hungary.*
- 17. Biocatalytic Application of Oxygenase Producing Microorganisms in Pharmaceutical Intermediate Synthesis**  
*Veszprem University, September 7, 2005, Veszprem, Hungary.*
- 18. Enzyme and Metal Assisted Methods in Bioactive Compound Synthesis**  
*Technical University Graz, May 22, 2006, Graz, Austria.*
- 19. Tackling Synthetic Challenges with Baeyer-Villiger Monooxygenases**  
*Rijksuniversiteit Groningen, October 20, 2006, Groningen, The Netherlands (CERC3 project meeting).*
- 20. Recent Progress in Biooxidations at COST D25 Working Group V**  
*Norwegian University of Science and Technology, December 8, 2006, Trondheim, Norway (COST D25 Working Group Leader Meeting).*
- 21. Microbial Oxygenation as Tool in Asymmetric Synthesis**  
*Novartis Institutes for BioMedical Research, January 19, 2007, Vienna, Austria.*
- 22. Redox Biocatalysis towards Bioactive Compounds**  
*Technical University Graz, March 15, 2007, Graz, Austria.*
- 23. Enzyme and Metal Assisted Methods in Bioactive Compound Synthesis**  
*DSM Austria, March 21, 2007, Linz, Austria.*
- 24. Redox Biocatalysis en Route to Bioactive Compounds**  
*Johannes Kepler University Linz, April 2, 2007, Linz, Austria.*
- 25. Biooxygenation in Asymmetric Synthesis**  
*Institute of Chemical Technology Prague, May 30, 2007, Prague, Czech Republic.*

- 26. Biooxygenations in Asymmetric Drug Synthesis**  
*Helmholtz Center for Infection Research, November 29, 2007, Braunschweig, Germany.*
- 27. Metal and Enzyme Assisted Reactions in Bioactive Compound Synthesis**  
*Eötvös Lorand University, March 26, 2008, Budapest, Hungary.*
- 28. Redox Biocatalysis in Asymmetric Synthesis**  
*University of Zurich, April 8, 2008, Zurich, Switzerland.*
- 29. Redox Biocatalysis in Asymmetric Synthesis of Bioactive Compounds**  
*Rijksuniversiteit Groningen, September 5, 2008, Groningen, The Netherlands.*
- 30. Biocatalytic Oxygenations in Bioactive Compound Synthesis**  
*Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, April 30, 2009, Prague, Czech Republic.*
- 31. Biocatalysis in Organic Synthesis**  
*Faculty of Biological Sciences, University of South Bohemia, May 21, 2009, Ceske Budejovice (Budweis), Czech Republic.*
- 32. Cross-coupling Strategies in Heterocyclic Bioactive Compound Synthesis**  
*Servier Research Institute of Medicinal Chemistry, November 6, 2009, Budapest, Hungary.*
- 33. Metal Assisted Synthetic Approaches to Small Molecules Modifying Cell Differentiation**  
*Medical University Vienna, Institute of Pharmacology, January 27, 2012, Vienna, Austria.*
- 34. Sustainable Developments in Bioorganic Chemistry**  
*Vienna University, Institute of Organic Chemistry, March 14, 2012, Vienna, Austria.*
- 35. Biocatalysis as Tool in Synthesis**  
*Boehringer Ingolheim, September 6, 2012, Vienna, Austria.*
- 36. Small Molecule Induced Regenerative Medicine**  
*University of Perugia, November 22, 2013, Perugia, Italy.*
- 37. Bioorganic Synthesis – at the Cross-Roads of Chemistry and Biology**  
*CMBI (Center for Molecular Biosciences Innsbruck) & University of Innsbruck, April 7, 2014, Innsbruck, Austria.*
- 38. Baeyer-Villiger Monooxygenases in Fine and Bulk Chemical Synthesis: Development of Showcase Applications**  
*Slovak Academy of Sciences – Institute of Chemistry, July 17, 2014, Bratislava, Slovakia.*
- 39. Bioorganic Synthesis @ the Cross-Roads of Chemistry & Synthesis**  
*Karl-Franzens University Graz, Department of Chemistry, Nov. 21, 2014, Graz, Austria.*
- 40. Bioorganic Synthetic Chemistry – New Methods and Tools at the Interface of Biology and Chemistry**  
*Vienna University of Technology, Faculty for Technical Chemistry, Inaugural Lecture, Feb. 10, 2015, Vienna, Austria.*

- 41. Bioorganic Synthesis @ the Cross-Roads of Chemistry & Biology**  
*Masaryk University Brno, Department of Chemistry, March 5, 2015, Brno, Czech Republic.*
- 42. Bioorganic Synthetic Chemistry – New Methods & Tools @ the Interface of Chemistry & Biology**  
*ESAB Scientific Committee Meeting, Vienna University of Technology, July 31, 2015, Vienna, Austria.*
- 43. Bioorganic Synthesis @ the Chemistry & Biology Interface**  
*University of Ljubljana, Department of Chemistry and Chemical Technology, April 6, 2016, Vienna, Austria.*
- 44. Application of Biocatalysis in Bioactive Natural Product Synthesis & in Combined Chemo-Enzymatic Cascade Reactions**  
*Osaka University, Department of Pharmacy, October 18, 2018, Osaka, Japan.*
- 45. Adventures in Cascade Biocatalysis – Converging Chemo- and Enzyme Catalysis**  
*National University Singapore, Department of Chemical Engineering, November 16, 2018, Singapore.*
- 46. Adventures @ the Chemistry & Biology Interface**  
*Greifswald University, Institute of Biochemistry, December 12, 2018, Germany.*
- 47. Bioorganic Synthesis: Adventures @ the Chemistry & Biology Interface**  
*Charles University Prague, November 11, 2019, Czech Republic.*