Scientific programme - detailed schedule
Monday, 6 June

Morning session I - Chairman M. Hocek

8:30 - 8:50  Opening (M. Hocek)

8:50 - 9:30  PL-1, Tom Brown
Click DNA and RNA Ligation for New Biocompatible Nucleic Acid Backbone Mimics

9:30 - 9:50  OC-1, Frank Seela
DNA Functionalization and Cross Linking by Click, Double Click, Bis-Click and Stepwise Click Chemistry

9:50 - 10:10  OC-2, Svetlana Vasilyeva
Synthesis of Novel Nucleoside Derivatives Containing Precursor Alkyne or Amino Groups for the Post-Synthetic Functionalisation of Nucleic Acids

10:10 - 10:30  Coffee Break

Morning session II - Chairman A. Marx

10:30 - 11:10  PL-2, Jesper Wengel
Exploring Unique Properties of Unlocked Nucleic Acid

11:10 - 11:30  OC-3, Barbara Nawrot
Sirnas with Phosphorodithioate Modification

11:30 - 11:50  OC-4, Eylon Yavin
DNA/LNA and PNA Conjugates as Gene Modifying Agents

11:50 - 12:10  OC-5, Ajaya Shreshta
Design and Facile Synthesis of Novel 2',4'-Bridged Nucleic Acid

12:10 - 12:30  OC-6, Francois Morvan
Oligonucleotide Glyco-Centered Galactosyl Cluster Conjugates Synthesized by Multi-Click and Phosphoramidite Chemistries and Their Affinity for Pseudomonas Aeruginosa Lectin 1

12:30-14:10  Lunch
### Afternoon session III - Chairman T. Carell

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:10-14:50</td>
<td>PL-3</td>
<td>Lost in Replication: DNA Polymerases Encountering Non-Instructive DNA Lesions</td>
<td>Andreas Marx</td>
</tr>
<tr>
<td>14:50-15:10</td>
<td>OC-7</td>
<td>Polymerase Construction of Base-Modified DNA for Chemical Biology</td>
<td>Michal Hocek</td>
</tr>
<tr>
<td>15:10-15:30</td>
<td>OC-8</td>
<td>Redox labeling of nucleic acids for analyzing nucleotide sequences and monitoring DNA-protein interactions</td>
<td>Miroslav Fojta</td>
</tr>
<tr>
<td>15:50-16:10</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Afternoon session IV - Chairman T. Brown

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:10 - 16:50</td>
<td>PL-4</td>
<td>Stereoselective Synthesis of 3-Methyl-cycloSAL-Nucleotides</td>
<td>Chris Meier</td>
</tr>
<tr>
<td>16:50 - 17:10</td>
<td>OC-10</td>
<td>New strategies in synthesis of acyclic nucleoside phosphonate prodrugs</td>
<td>Marcela Krečmerová</td>
</tr>
<tr>
<td>17:10 - 17:30</td>
<td>OC-11</td>
<td>Cyclic and Acyclic Phosphonate Tyrosine Ester Prodrugs of Acyclic Nucleoside Phosphonates</td>
<td>Charles McKenna</td>
</tr>
<tr>
<td>17:30 - 17:50</td>
<td>OC-12</td>
<td>Acyclic Nucleoside Phosphonates as Inhibitors of Hypoxanthine-Guanine-Xanthine Phosphoribosyltransferase: New Anti-Malarial Chemotherapy Leads</td>
<td>Dana Hocková</td>
</tr>
<tr>
<td>17:50 - 18:30</td>
<td>PL-5</td>
<td>Artificial restriction DNA cutters to manipulate huge genomes</td>
<td>Makoto Komiyama</td>
</tr>
</tbody>
</table>

19:00 - 21:00 Jena Bioscience Beer-party and Dinner – Hotel Old Inn
## Tuesday, 7 June

### Morning session V - Chairman M. Gait

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:10</td>
<td>PL-6</td>
<td>Shaping Nucleic Acids for Applications in Therapy: The Tricyclo-DNA Story – an Update</td>
<td>Christian Leumann</td>
</tr>
<tr>
<td>9:30-9:50</td>
<td>OC-14</td>
<td>Development of a General and Modular Approach to C-Nucleosides</td>
<td>Tomáš Kubelka</td>
</tr>
<tr>
<td>9:50-10:10</td>
<td>OC-15</td>
<td>On The Feasibility of an Esterase-Dependent Pro-Drug Strategy for 2-5A</td>
<td>Harri Lonnberg</td>
</tr>
</tbody>
</table>

10:10-10:30 Coffee break

### Morning session VI - Chairman C. Leumann

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30-11:10</td>
<td>PL-7</td>
<td>Synthesis and properties of phosphorylated nucleoside analogues</td>
<td>Piet Herdewijn</td>
</tr>
<tr>
<td>11:10-11:30</td>
<td>OC-16</td>
<td>Introduction of Additional Nucleobases into the Double Helix</td>
<td>Poul Nielsen</td>
</tr>
<tr>
<td>11:30-11:50</td>
<td>OC-17</td>
<td>Hetaryl Derivatives of 7-Deazapurine Ribonucleosides: Potent Cytostatic Agents</td>
<td>Pavla Perliková</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td>OC-18</td>
<td>Design of a Nucleoside Inhibitor of Biotin Protein Ligase From Mycobacterium Tuberculosis</td>
<td>Courtney Aldrich</td>
</tr>
<tr>
<td>12:10-12:30</td>
<td>OC-19</td>
<td>Rehab of NAD-dependent enzymes with NAD-based inhibitors; synthesis of methylenebisphosphonate analogues of pyridine-3-carboxamide adenine dinucleotides</td>
<td>Krzysztof Pankiewicz</td>
</tr>
</tbody>
</table>

12:30-14:10 Lunch
### Afternoon session VII - Chairman Z. Havlas

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:10-14:50</td>
<td>PL-8</td>
<td>Cynthia Burrows</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nanopore Detection of DNA Damage in Single Molecules</td>
</tr>
<tr>
<td>14:50-15:50</td>
<td>Sorm</td>
<td>Award Lecture – Thomas Carell</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Chemistry of Genome Maintenace</td>
</tr>
<tr>
<td>16:00-20:30</td>
<td></td>
<td>Poster session + Dinner</td>
</tr>
</tbody>
</table>

### Wednesday, 8 June

### Morning session VII - Chairman F. Seela

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:10</td>
<td>PL-9</td>
<td>Barry Potter</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Structural Mimetics of a Nucleotide Ca2+-Mobilising Second Messenger:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synthesis and Chemical Biology</td>
</tr>
<tr>
<td>9:10-9:30</td>
<td>OC-20</td>
<td>Milan Dejmek</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synthesis of Conformationally Locked Carbocyclic Nucleosides with</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Norbornane as Pseudosugar Moiety</td>
</tr>
<tr>
<td>9:30-9:50</td>
<td>OC-21</td>
<td>Luigi Agrofoglio</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Phosphonate Synthons Bearing Biolabile Group for Olefin Cross Metathesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synthesis of Acyclonucleoside Phosphonate Analogs</td>
</tr>
<tr>
<td>9:50-10:30</td>
<td>PL-10</td>
<td>Marie-Paule Teulade-Fichou</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Recognition of DNA Secondary Structures : From Structure to Fluorescent</td>
</tr>
<tr>
<td></td>
<td></td>
<td>probes</td>
</tr>
<tr>
<td>10:30-10:50</td>
<td></td>
<td>Coffee break</td>
</tr>
</tbody>
</table>
### Morning session VIII - Chairman J. Chattopadhyaya

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:50-11:10</td>
<td>OC-22</td>
<td>Jean-Louis Mergny</td>
<td>DNA Quadruplexes for Bio- and Nano-Technologies</td>
</tr>
<tr>
<td>11:10-11:30</td>
<td>OC-23</td>
<td>Eric Defrancq</td>
<td>Template Assembled Synthetic G-Quadruplex (TASQ): A New Biomolecular System for Investigating the Interactions of Ligands with Constrained Quadruplex Topologies</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td>OC-25</td>
<td>Ronald Micura</td>
<td>Ligand Recognition of Riboswitches</td>
</tr>
<tr>
<td>12:10-12:50</td>
<td>PL-11</td>
<td>Jason Micklefield</td>
<td>Orthogonal Riboswitches as Tools for Controlling Gene Expression in Bacteria</td>
</tr>
</tbody>
</table>

12:50-14:00  Lunch

### Free afternoon

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00-19:30</td>
<td>Guided tour in Český Krumlov or other options</td>
</tr>
<tr>
<td>19:30-24:00</td>
<td>Conference Dinner</td>
</tr>
</tbody>
</table>
# Thursday, 9 June

## Morning session IX - Chairman Y. Tor

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:10</td>
<td>PL-12</td>
<td><strong>Hans-Achim Wagenknecht</strong> Functionalized DNA architectures: Fluorophore assemblies and nanostructures</td>
</tr>
<tr>
<td>9:10-9:30</td>
<td>OC-26</td>
<td><strong>Jan Riedl</strong> Synthesis of Biaryl-Substituted Fluorescent Nucleosides and Nucleoside Triphosphates and Their Incorporation to DNA</td>
</tr>
<tr>
<td>9:30-9:50</td>
<td>OC-27</td>
<td><strong>Clemens Richert</strong> Nucleotide Storage and Incorporation via Chemical Primer Extension</td>
</tr>
<tr>
<td>9:50-10:10</td>
<td>OC-28</td>
<td><strong>Mitsuo Sekine</strong> Synthesis and Biological Properties of 2´-O-Modified Oligoribonucleotide Derivatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:10-10:30</td>
<td></td>
<td><strong>Coffee break</strong></td>
</tr>
</tbody>
</table>

## Morning session X - Chairman J.-L. Mergny

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30-11:10</td>
<td>OC-29</td>
<td><strong>Claudia Hoebartner</strong> Probing functional nucleotides in deoxyribozymes by combinatorial mutation interference analysis (CoMA)</td>
</tr>
<tr>
<td>11:10-11:30</td>
<td>OC-30</td>
<td><strong>Donata Pluskota-Karwatka</strong> Cross-Linking Induced by the Conjugate Malonaldehyde-Glyoxal and Malonaldehyde-Methylglyoxal Adducts of 2´-Deoxyadenosine</td>
</tr>
<tr>
<td>11:30-11:50</td>
<td>OC-31</td>
<td><strong>Sergey Mikhailov</strong> Dialdehyde Derivatives of Nucleosides and Nucleotides as Novel Crosslinking Reagents and Their Comparison with Glutaraldehyde</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td>OC-32</td>
<td><strong>Pasi Virta</strong> Invasion of 2´-O-Methyl Oligoribonucleotides and Their Aminoglycoside Conjugates to a 19F Labelled HIV-1 TAR Model</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:10-12:30</td>
<td>OC-32</td>
<td><strong>Pasi Virta</strong> Invasion of 2´-O-Methyl Oligoribonucleotides and Their Aminoglycoside Conjugates to a 19F Labelled HIV-1 TAR Model</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30-14:10</td>
<td></td>
<td><strong>Lunch</strong></td>
</tr>
</tbody>
</table>
### Afternoon session XI - Chairman M. Sekine

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:10-14:50</td>
<td>PL-14</td>
<td>DNA as Scaffold for New Bio-Inspired Catalytic Systems</td>
<td>Gerard Roelfes</td>
</tr>
<tr>
<td>14:50-15:10</td>
<td>OC-33</td>
<td>Automatic Oligonucleotide Synthesizer Utilizing the Concept of Parallel Processing</td>
<td>Michal Lebl</td>
</tr>
<tr>
<td>15:10-15:30</td>
<td>OC-34</td>
<td>Modeling the General Acid/Base Catalyzed RNA Cleavage of Small Ribozymes</td>
<td>Tuomas Antti Lönnberg</td>
</tr>
<tr>
<td>15:30-15:50</td>
<td>OC-35</td>
<td>Substrate Recognition by Alkyltransferase-Like (ATL) Proteins from S.Pombe and T.Thermophilus</td>
<td>Oliver John Wilkinson</td>
</tr>
<tr>
<td>15:50-16:10</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Afternoon session XII - Chairman C. Burrows

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:10-16:50</td>
<td>PL-15</td>
<td>Old But New Artificial Nucleic Acids From Acyclic Threoninol (aTNA) and Serinol (SNA)</td>
<td>Hiroyuki Asanuma</td>
</tr>
<tr>
<td>16:50-17:10</td>
<td>OC-36</td>
<td>Development of Insulator Base Pairs for the Drastic Enhancement of Quantum Yield</td>
<td>Hiromu Kashida</td>
</tr>
<tr>
<td>17:10-17:30</td>
<td>OC-37</td>
<td>New inducible nucleic acid cross-linking methodology based on oxidation of incorporated furan moieties: scope and limitations</td>
<td>Annemieke Madder</td>
</tr>
<tr>
<td>17:30-17:50</td>
<td>OC-38</td>
<td>The carba-LNA Oligos as RNA Targeted Therapeutics</td>
<td>Jyoti Chattopadhyaya</td>
</tr>
<tr>
<td>17:50-18:10</td>
<td>OC-39</td>
<td>Enhancement of Exon Skipping and Dystrophin Production by 3’-Peptide Conjugates of Morpholino (PMO) Oligonucleotides in a MDX Mouse Model of Duchenne Muscular Dystrophy</td>
<td>Michael Gait</td>
</tr>
<tr>
<td>18:10-18:30</td>
<td>Conclusion remarks</td>
<td>The best talks and posters of young scientists awards ceremony</td>
<td></td>
</tr>
<tr>
<td>18:30-19:50</td>
<td>Dinner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:00</td>
<td>Organ Concert</td>
<td>in the Monastery Church in Czech Krumlov</td>
<td></td>
</tr>
</tbody>
</table>
Organ Concert
in the Monastery Church in Czech Krumlov, 9th June 2011, 20:00
(meeting point: in front of hotel Old in at 19:40)

Concert Programme:

Samuel Scheidt (1587 – 1654): ............ Variations on Gagliarda from John Downland
Jan Pieterszon Sweelinck (1562 – 1621): ..............................................Balleto del Granduca
Johann Jakob Froberger (1616 – 1667): .......................................................... Canzona in C
František Xaver Brixi (1732 – 1771): ................................................................. Pastorella in C
Jan Křítel Kuchař (1751 – 1829): ................................................................. Largo in g
................................................................. Fuga in a
Samuel Scheidt (1587 – 1654): ........................................ Bergamasca
Georg Muffat (1653 – 1704): ................................................................. Toccata tertia
František Xaver Brixi: ................................................................. Preludium in F
Johann Pachelbel (1653 – 1706): ................................................................. Toccata in C

Martin Maxmilian Kaiser

CV: Born on 16th 9th 1983 in Decin, actively engaged in music from his six years. First studied piano at music school in Litomerice, then took private lessons under Professor Vera Vlková at the Conservatory in Teplice. He played the organ from his 17th. Playing organ - the king of musical instruments - he studied at first in art school in Litomerice under the leadership of Neužilová Jitka, then privately in Prague with prof. Peter Rajnoha and Assoc. Prof. Jaroslav Tuma. He also attended the lessons of organ improvisation at the Strahov regenschori Vladimir Roubal and prof. Jaroslav Vodražka. As part of his musical research activities he is deeply engaged in life and work of our greatest organ virtuoso 20th century Prof. Bedrich Antonin Wiedermann. Now he begins to work on a book about Wiedermann´s work and life. Together with other young organists is the founder of the company that bears Wiedermann´s name. Martin Maxmilian Kaiser is currently performing at home and also abroad and working closely with composer and conductor Milos Bok.
Posters

The poster session will be scheduled for Tuesday, 7 June 2011 afternoon - 15:50-20:30
<table>
<thead>
<tr>
<th>Org. No.</th>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>P 01</td>
<td>Balintová Jana</td>
<td>Synthesis of Nucleosides and Nucleoside Triphosphates Bearing Anthraquinone Substituents as Redox Probes and their Enzymatic Incorporation to DNA</td>
</tr>
<tr>
<td>P 02</td>
<td>Bártá Jan</td>
<td>Modular Synthesis of 5-Substituted Thiophene and Furan C-Nucleosides and their Analogues</td>
</tr>
<tr>
<td>P 03</td>
<td>Baszczyński Ondřej</td>
<td>3-Fluoro-2-(Phosphonomethoxy)Propyl Hypoxanthine and Guanine Derivatives as Inhibitors of Plasmodial Hypoxanthine-Guanine Xanthine Phosphoribosyltransferases</td>
</tr>
<tr>
<td>P 04</td>
<td>Bizdena Erika</td>
<td>Synthesis and Reactions of 2,6-Bis-(4-Substituted-1,2,3-Triazol-1-Yl)-9-(B- D-Arabino furanosyl)Purines</td>
</tr>
<tr>
<td>P 05</td>
<td>Blažek Jiří</td>
<td>Enzymatic Synthesis of Ester Prudrugs of DHPA and Related Compounds by Lipases</td>
</tr>
<tr>
<td>P 06</td>
<td>Cesnek Michal</td>
<td>The Efficient Synthesis of 2-Aryl Substituted Pyrimidine Acyclic Nucleoside Phosphonates Using Liebeskind-Srogl Cross-Coupling</td>
</tr>
<tr>
<td>P 07</td>
<td>Čechová Lucie</td>
<td>The Optimized Microwave-Assisted Decomposition of Formamides and its Synthetic Utility in the Amination of Purines and Pyrimidines</td>
</tr>
<tr>
<td>P 08</td>
<td>Čeřiová Miroslava</td>
<td>Dichotomy in Regioselectivity of Pd-Catalyzed Direct C-H Arylation of Protected Uracils</td>
</tr>
<tr>
<td>P 09</td>
<td>Chmielewski Marcin</td>
<td>Thermolabile Protecting Groups in Oligonucleotide Synthesis</td>
</tr>
<tr>
<td>P 10</td>
<td>Dohno Chikara</td>
<td>Photoswitchable molecular glue for hybridization of nucleic acids</td>
</tr>
<tr>
<td>P 11</td>
<td>Dračinský Martin</td>
<td>The Mechanism of Isotopic Exchange Reaction of Hydrogen H-5 Of Uracil Derivatives in Water and in Non-Protic Solvents</td>
</tr>
<tr>
<td>P 12</td>
<td>Dumat Blaise</td>
<td>Novel triphenylamine-based DNA minor groove binders for use in two-photon excited microscopy</td>
</tr>
<tr>
<td>P 13</td>
<td>Gines Guillaume</td>
<td>On support fluorescent assays based on functionalized oligonucleotides to monitor specific DNA repair activities</td>
</tr>
<tr>
<td>P 14</td>
<td>Gude Lourdes</td>
<td>Synthesis of 2,2'-Bipyridine Metal Complexes as Potential G-Quadruplex DNA Ligands</td>
</tr>
<tr>
<td>P 15</td>
<td>Heaney Frances</td>
<td>Isoxazole linked Oligonucleotide Conjugates by on resin and previously clicked Nitrile oxide alkyne Cycloadditions</td>
</tr>
<tr>
<td>P 16</td>
<td>Hessler Filip</td>
<td>Synthesis and Rearrangements of Dewar Benzene Deoxyribosides</td>
</tr>
<tr>
<td>P 17</td>
<td>Hoebartner Claudia</td>
<td>Synthesis of spin-labeled RNA and probing of RNA secondary structures by pulsed EPR spectroscopy</td>
</tr>
<tr>
<td>P 18</td>
<td>Hrebíček Martin</td>
<td>A Novel, Highly Stereoselective Synthetic Approach for the Preparation of Substituted 2,5-Dihydro-2,5-Dihydroxynfurans</td>
</tr>
<tr>
<td>P 19</td>
<td>Ivanov Maxim</td>
<td>New Alpha-Thymidine 5'-Phosphonate Derivatives</td>
</tr>
<tr>
<td>-------</td>
<td>---------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>P 21</td>
<td>Jansa Petr</td>
<td>The Unique Impact of Microwave Irradiation on the Chemistry of Acyclic Nucleoside Phosphonates</td>
</tr>
<tr>
<td>P 22</td>
<td>Janská Lucie</td>
<td>Chemical Synthesis of Prodrugs Derived from 5,6-Dihydro-5-Azacytosine and its Nucleosides Using Vinyl Esters</td>
</tr>
<tr>
<td>P 23</td>
<td>Jemieli Jacek</td>
<td>Synthesis and Properties of Dinucleotide Cap Analog for mRNA 5’ End Labeling</td>
</tr>
<tr>
<td>P 24</td>
<td>Jemieli Jacek</td>
<td>Synthesis of Nucleotide Sugars and Nucleoside 5’-Phosphosulphates by MgCl2 Mediated Coupling</td>
</tr>
<tr>
<td>P 25</td>
<td>Kalachova Lúbia</td>
<td>Synthesis of Nucleotides Bearing Oligopyridine Ligands and Their Incorporation into DNA</td>
</tr>
<tr>
<td>P 26</td>
<td>Kielkowski Pavel</td>
<td>Synthesis of modified DNA containing cytosine on acetylene linker in major groove.</td>
</tr>
<tr>
<td>P 27</td>
<td>Kiviniemi Anu Katarina</td>
<td>Click Conjugation of 4’-C-Modified Oligonucleotides</td>
</tr>
<tr>
<td>P 28</td>
<td>Kögl Martin</td>
<td>Synthesis and Evaluation of 5-Substituted-2’-Deoxyuridine Monophosphate Analogues as Inhibitors of Flavin-Dependent Thymidylate Synthase in Mycobacterium Tuberculosis</td>
</tr>
<tr>
<td>P 29</td>
<td>Kohyama Izumi</td>
<td>Development of tetrameric naphtpyridine derivatives for DNA and RNA containing a G-G mismatch</td>
</tr>
<tr>
<td>P 30</td>
<td>Kolman Viktor</td>
<td>Synthesis and Biological Properties of the 2’-Trifluoro-Methyl Analogues of Tenofovir</td>
</tr>
<tr>
<td>P 31</td>
<td>Kovačková Soňa</td>
<td>Piperidine Nucleoside Phosphonic Acid Derivatives</td>
</tr>
<tr>
<td>P 32</td>
<td>Kowalska Joanna</td>
<td>Cyanoethyl Derivatives of Phosphate and Thiophosphate – New Reagents for Efficient Synthesis of Phosphate Modified Nucleotides</td>
</tr>
<tr>
<td>P 33</td>
<td>Kowalska Joanna</td>
<td>Synthesis and Properties of New Thio-Substituted mRNA Cap Analogs</td>
</tr>
<tr>
<td>P 34</td>
<td>Krečmerová Marcela</td>
<td>9-<a href="%22iso-HPMP%22">2-Hydroxy-3-(phosphonomethoxy)propyl</a> derivatives of purine bases and their side-chain modified analogues: synthesis and antimalarial activity.</td>
</tr>
<tr>
<td>P 35</td>
<td>Krečmerová Marcela</td>
<td>Nucleosides containing 8-aza-7,9-dideazaxanthine</td>
</tr>
<tr>
<td>P 36</td>
<td>Macickova-Cahova Hana</td>
<td>Cofactor-Linked RNAs</td>
</tr>
<tr>
<td>P 37</td>
<td>Markiewicz Wojciech T.</td>
<td>Sequencing of Combinatorial Libraries with Mass Spectrometry</td>
</tr>
<tr>
<td>P 38</td>
<td>Marzenell Paul</td>
<td>Chemically modified phosphorothioate DNA and 2’-OMe RNA as antisense agents</td>
</tr>
<tr>
<td>P 39</td>
<td>Matschkal Dorothea</td>
<td>New Insights into Photoreactivation of (6-4) Photolesions</td>
</tr>
<tr>
<td>P 40</td>
<td>Mikhailopulo Igor</td>
<td>An Enzymatic Synthesis of 2’-Deoxyribofuranosides of Some 8-Aza- And 8-Aza-7-Deazapurines</td>
</tr>
<tr>
<td>P 41</td>
<td>Mikhailopulo Igor</td>
<td>An Enzymatic Synthesis of N2-Acetyl-O6-[2-(4-Nitrophenyl)Ethyl]Guanine</td>
</tr>
</tbody>
</table>
P 42 Mikhailopulo Igor  Chemo-Enzymatic Syntheses and Biological Evaluation of 5,6-Disubstituted Benzimidazole Ribo- and 2’-Deoxyribo-Nucleosides
P 43 Mikhailov Sergey  Selective Cleavage of Acyl Protecting Groups in 3’,5’-O-(Tetraisopropylsiloxane-1,3-Diyl) Ribonucleosides
P 44 Mikhailov Sergey  Synthesis of N6-Substituted Adenosines
P 45 Morvan Francois  Pentaferrocenyl Phosphoramidate ?-Oligonucleotides for Electrochemical Detection of Nucleic Acids
P 46 Niittymäki Teija Tuulikki  Effect of a Urasil Specific Binding for the Nuclease Activity of Bis(Azacrown)Conjugated 2’-O-Methyl Oligoribonucleotides
P 47 Novopashina Daria  The Method for Synthesis of New Bifunctional Conjugates of Oligonucleotides
P 48 Novopashina Daria  Optimization of Cell Selex Protocol for 2’-F-Modified RNA Aptamers
P 49 Novopashina Daria  RNA Aptamers Against Autoreactive Immunoglobulins Associated with Multiple Sclerosis
P 50 Novopashina Daria  Non-Covalent Fluorescent Hybrides of Carbon Nanotubes with Oligonucleotides
P 51 Novopashina Daria  2’-Bispyrene Oligo(2’-O-Methylribonucleotides) as Novel Fluorescent Probes for RNA Detection
P 52 Orság Petr  Recognition of 7-deazapurine-substituted binding sites by tumour suppressor p53 protein
P 53 Petrova Magdalena  Synthesis and Structural Assignment of Novel 5’-Epimeric 3’-Deoxy-3’,4’-Didehydrolycoside-5’-C-Phosphonates
P 54 Pi Pradeepkumar  G-Quadruplex DNA Stabilizing Agents Based on 1,8-Naphthyridine
P 55 Pivoňková Hana  Tail Labelled Oligonucleotide Probes for the Detection of DNA-Protein Interactions
P 56 Pomeisl Karel  Use of 1,3-Dioxolanes in the Syntheses of ?- Branched Alkyl and Aryl N-9-[2-(Phosphonomethoxy)Ethyl]Purines
P 57 Raindlová Veronika  Direct Enzymatic Synthesis of Aldehyde-Functionalized DNA and its Conjugation with Hydrazines and Amines
P 58 Ravn Jacob  Locked Nucleic Acid Antisense Oligonucleotides Targeting Apolipoprotein B: The Effect of Short Sequences And ?-L-LNA Insertion
P 59 Rejman Dominik  Synthesis of PME Derivatives of Nucleobases with Conformation Locked Via Pyrrolidine Ring
P 60 Rigger Lukas  Towards the Efficient Synthesis of tRNA with Site-Specific Cy3/Cy5 Labels
P 61 Santner Tobias  Towards the Efficient Synthesis of RNA with Site-Specific 15N-Labels for NMR Spectroscopic Applications
P 62 Seela Frank  DNA Gold Nanoparticle Conjugates Incorporating Thionucleosides: 7-Deaza-6-Thio-2’-Deoxyguanosine as Gold Surface Anchor
P 63 Seela Frank  Spatially Controlled DNA Nano-Patterns by “Click” Chemistry Using Oligonucleotides with Different Anchoring
<table>
<thead>
<tr>
<th>Site</th>
<th>Presenter</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>P 64</td>
<td>Shmalenuyk Eduard</td>
<td>Synthesis and Some Biological Properties of 5-Alkoxymethyl Derivatives of 2'-Deoxyuridine 5'-Phosphonates</td>
</tr>
<tr>
<td>P 65</td>
<td>Schoch Juliane</td>
<td>Selective and Efficient Labeling of Oligonucleotides based on Inverse Electron-Demand Diels-Alder Reaction</td>
</tr>
<tr>
<td>P 66</td>
<td>Šimák Ondřej</td>
<td>Synthesis of New Potential Inhibitors of 5'-Nucleotidases</td>
</tr>
<tr>
<td>P 67</td>
<td>Šnajdr Ivan</td>
<td>Synthesis of Novel C-(o-Carboranyl)-2-Deoxy-D-Ribose Conjugates</td>
</tr>
<tr>
<td>P 68</td>
<td>Špaček Petr</td>
<td>Efficient and One-Pot Syntheses of Polysubstituted 6-((1h-1,2,3-Triazol-1-Yl)Methyl)Uracils Through the “Click” Protocol</td>
</tr>
<tr>
<td>P 69</td>
<td>Taherpour Sharmin</td>
<td>Metal Ion Chelates as Surrogates of Nucleobases for the Recognition of Nucleic Acid Sequences</td>
</tr>
<tr>
<td>P 70</td>
<td>Taverna Porro Marisa Taverna</td>
<td>Reactivity of conjugated aldehydes with DNA bases: Identification and quantification of the main adducts.</td>
</tr>
<tr>
<td>P 71</td>
<td>Tichý Michal</td>
<td>Synthesis of 4-(Het)Aryl Pyrimido[4,5-b]Indole Ribonucleosides</td>
</tr>
<tr>
<td>P 72</td>
<td>Tichý Tomáš</td>
<td>New Amphiphilic Prodrugs of Adefovir and Cidofovir</td>
</tr>
<tr>
<td>P 73</td>
<td>Toti Kiran</td>
<td>Dideoxyapiose Nucleosides Revisited: Syntheses and Protide Derivatives</td>
</tr>
<tr>
<td>P 74</td>
<td>Trajkovski Marko</td>
<td>G-quadruplex formation within proximal promoter of MYCN</td>
</tr>
<tr>
<td>P 75</td>
<td>Van Poecke Sara</td>
<td>Synthesis of Base-Substituted Uridine 5'-Phosphonate Analogue as Potential P2Y2 Receptor Ligands</td>
</tr>
<tr>
<td>P 76</td>
<td>Vrabel Milan</td>
<td>Incorporation of Unnatural Amino Acids into Proteins for Click Chemistry</td>
</tr>
<tr>
<td>P 77</td>
<td>Weinberger Michael</td>
<td>Benzophenone modified DNA for photocatalysis</td>
</tr>
<tr>
<td>P 78</td>
<td>Wenge Ulrike</td>
<td>Synthetic GFP Chromophore in DNA with Large Apparent Stokes Shift</td>
</tr>
<tr>
<td>P 79</td>
<td>Yamashige Rie</td>
<td>Visible detection method for PCR through unnatural base pair systems</td>
</tr>
<tr>
<td>P 80</td>
<td>Zakirova Natalia</td>
<td>Phosphonomonomorpholidates of the Acyclic Nucleosides Bearing a Double Bond Conjugated with the Purine Base</td>
</tr>
<tr>
<td>P 81</td>
<td>Ziemniak Marcin</td>
<td>Dinucleotide Cap Analogs Bearing Bridging and Non-Bridging Modifications within Tetraphosphate Chain</td>
</tr>
<tr>
<td>P 82</td>
<td>Zytek Malgorzata</td>
<td>The First Examples of Phosphate Modified Trimethylguanosine Cap Analogues</td>
</tr>
</tbody>
</table>
List of Participants
Agrofoglio Luigi
ICOA UMR CNRS 6005
Université d'Orléans
Rue de Chartres
45067 Orleans
France
luigi.agrofoglio@univ-orleans.fr

Aldrich Courtney
University of Minnesota
Center for Drug Design, MMC204
516 Delaware St. SE, 7-224 PWB
55455 Minneapolis
United States
aldri015@umn.edu

Aldrich Courtney
University of Minnesota
Center for Drug Design, MMC204
516 Delaware St. SE, 7-224 PWB
55455 Minneapolis
United States
aldri015@umn.edu

Alexandrova Liudmila
Engelhardt Institute of Molecular Biology
Russian Academy of Sciences
Vavilova 32
119991 Moscow
Russia
ala2004@mail.ru

Asanuma Hiroyuki
Graduate School of Engineering, Nagoya University
Department of Molecular Design and Engineering
Furo-cho, Chikusa-ku
464-8603 Nagoya
Japan
asanuma@mol.nagoya-u.ac.jp

Bárta Jan
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
barta@uochb.cas.cz

Baszczyński Ondřej
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
baszczynski@uochb.cas.cz

Beigelman Leonid
Alios BioPharma
260 E. Grand av
94080 South San Francisco
United States
lbeigelman@aliosbiopharma.com

Bertram Joachim
IBA GmbH
Management
Rudolf-Wissell-Str.28
37079 Goettingen
Germany
bertram@iba-go.com

Bhan Purshotam
Lundbeck Inc.
Chemical Development
100 Corporate Drive
8833 Lebanon
United States
purs@lundbeck.com

Balintová Jana
Institute of Organic Chemistry and Biochemistry, v.v.i., Academy of Sciences of the Czech Republic
Flemingovo nam. 2
16610 Prague 6
Czech Republic
balintova@uochb.cas.cz
Billert Thomas  
Jena Bioscience GmbH  
Loebstedter Strasse 80  
7749 Jena  
Germany  
sibylle.bauer@jenabioscience.com

Carell Thomas  
LMU München  
Butenandtstr. 5-13 (Haus F), D-81377 München  
Germany  
Thomas.Carell@cup.uni-muenchen.de

Bizdena Erika  
Riga Technical University  
Faculty of Material Science and Applied Chemistry  
Azenes 14/24  
LV1007 Riga  
Latvia  
erbi@ktf.rtu.lv

Cesnek Michal  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
cesnekm@uochb.cas.cz

Blažek Jiří  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
jiri.blazek@centrum.cz

Čechová Lucie  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
lucy.czech@gmail.com

Brown Tom  
University of Southampton  
School of Chemistry  
Highfield  
SO17 1BJ Southampton  
United Kingdom  
tb2@soton.ac.uk

Čerňová Miroslava  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
cernova@uochb.cas.cz

Burrows Cynthia  
University of Utah  
Department of Chemistry  
315 S 1400 East  
84112-0850 Salt Lake City  
United States  
burrows@chem.utah.edu

Česneková Barbara  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
cesnekova@uochb.cas.cz
Defrancq Eric
University of Grenoble
Department of Molecular Chemistry - UMR CNRS 5250
570 rue de la Chimie
38041 Grenoble
France
Eric.Defrancq@ujf-grenoble.fr

Dumat Blaise
Institut Curie
UMR176
Centre universitaire, bâtiment 110
91405 Orsay
France
blaise.dumat@curie.fr

Dejmek Milan
Dr. Radim Nencka Junior Research Team
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
dejmek@uochb.cas.cz

Fojta Miroslav
Institute of Biophysics, Acad Sci Czech Rep
Department of Biophysical Chemistry and Molecular Oncology
Kralovopolska 135
CZ-612 65 Brno
Czech Republic
fojta@ibp.cz

Ding Ping
University of Osnabrueck
Department of Chemistry and Biology
Barbarastr. 7
49076 Osnabrueck
Germany
dingping_108@hotmail.com

Gait Michael
Medical Research Council
Laboratory of Molecular Biology
Hills Road
CB20QH Cambridge
United Kingdom
mgait@mrc-lmb.cam.ac.uk

Dohno Chikara
The Institute of Scientific and Industrial Research, Osaka University
8-1 Mihogaoka, Ibaraki, Osaka, Japan
567-0047 Ibaraki
Japan
cdohno@sanken.osaka-u.ac.jp

Gimenez Molina Alejandro
University of Turku
Department of Organic Chemistry
Vatselankatu 2 (Arcanum Building), Turku, FI-20014
20014 Turku
Finland
algimo@utu.fi

Dračínský Martin
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
dracinsky@uochb.cas.cz

Gines Guillaume
CEA Grenoble
SCIB/Laboratory of Nucleic Acids Damages
17 rue des Martyrs
38054 cedex 9 Grenoble
France
guillaume.gines@cea.fr
Gohlke Pascale
European Patent Office
Dept. 2101
Bayerstr. 34
80335 Munich
Germany
pgohlke@epo.org

Heaney Frances
National University of Ireland, Maynooth
Department of Chemistry
Kilcock Rd.
Maynooth
Ireland
mary.f.heaney@nuim.ie

Gruen Mathias
Jena Bioscience GmbH
Loebstedter Strasse 80
7749 Jena
Germany
sibylle.bauer@jenabioscience.com

Herdewijn Piet
Katholieke Universiteit Leuven
Laboratory of Medicinal Chemistry
Minderbroedersstraat 10
3000 Leuven
Belgium
Piet.Herdewijn@rega.kuleuven.be

Gude Lourdes
University of Alcalá
Organic chemistry, Pharmacy School
Carretera Madrid-Barcelona, km. 33.6
28871 Alcalá de Henares
Spain
lourdes.gude@uah.es

Hessels Filip
Charles University in Prague, Faculty of Science
Department of Organic and Nuclear Chemistry
Hlavova 8
12843 Prague
Czech Republic
fhessels@c-box.cz

Hagen Helen
University Heidelberg
Anorganisch Chemisches Institut
Im Neuenheimerfeld 274
69120 Heidelberg
Germany
helen.hagen@aci.uni-heidelberg.de

Hirao Ichiro
RIKEN
Systems and Structural Biology Center
1-7-22 Suehiro-cho, Tsurumi-ku
230-0045 Yokohama
Japan
ihirao@riken.jp

Havlas Zdeněk
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
hocek@uochb.cas.cz

Hocek Michal
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
hocek@uochb.cas.cz
Hocková Dana
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
16610 Prague 6
Czech Republic
lasice@uochb.cas.cz

Chmielewski Marcin
Institute of Bioorganic Chemistry PAS
Noskowskiego 12/14
61-704 Poznań
Poland
maro@ibch.poznan.pl

Hoebartner Claudia
Max Planck Institute for Biophysical Chemistry
Research Group Nucleic Acid Chemistry
Am Fassberg 11
37077 Goettingen
Germany
claudia.hoebartner@mpibpc.mpg.de

Ivanov Maxim
Engelhardt Institute of Molecular Biology RAS
ul. Vavilova 32
119991 Moscow
Russia
ivanovma73@mail.ru

Hrebíček Martin
Institute of Organic Chemistry and Biochemistry AS CR
Bioorganic and Medicinal Chemistry
Flemingovo náměstí 2
Praha 6
Czech Republic
mahrebicek@seznam.cz

Janeba Zlatko
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
janeba@uochb.cas.cz

Chambers Christopher Steven
Institute of Organic Chemistry and Biochemistry AS CR, v.v.i.
Hocek Group
Flemingovo nám. 2.
16610 Prague
Czech Republic
chambers@uochb.cas.cz

Jansa Petr
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
jansa@uochb.cas.cz

Chattopadhyaya Jyoti
Uppsala University
Chemical Biology
Box 581
75123 Uppsala
Sweden
jyoti@boc.uu.se

Janská Lucie
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
lucie.janska@seznam.cz
Jemielity Jacek  
University of Warsaw, Faculty of Physics  
Division of Biophysics  
Krakowskie Przedmiescie 26/28  
00-927 Warsaw  
Poland  
jacekj@biogeo.uw.edu.pl

Kalachova Lubica  
Institute of Organic Chemistry and  
Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
kalachova@uochb.cas.cz

Kashida Hiromu  
Nagoya Univ. / Graduate School of  
Engineering  
Furo-cho, chikusa-ku  
464-8603 Nagoya  
Japan  
kashida@mol.nagoya-u.ac.jp

Kielkowski Pavel  
Institute of Organic Chemistry and  
Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
kielkowski@uochb.cas.cz

Kiviniemi Anu Katariina  
University of Turku  
Chemistry department / Organic  
Vatselankatu 2, 20014 Turun yliopisto  
Turku  
Finland  
anu.kiviniemi@utu.fi

Klecka Martin  
Institute of Organic Chemistry and  
Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
klecka@uochb.cas.cz

Kögler Martin  
KULeuven, Rega Institute for Medical  
Research  
VAT BE0419.052.173  
Minderbroedersstraat 10  
3000 Leuven  
Belgium  
inge.aerts@rega.kuleuven.be

Kohyama Izumi  
The Institute of Scientific and Industrial  
Research (ISIR), Osaka university  
Department of Regulatory Bioorganic  
Chemistry  
8-1 Mihogaoka  
567-0047 Ibaraki, Osaka  
Japan  
koyama26@sanken.osaka-u.ac.jp

Kolman Viktor  
Institute of Organic Chemistry and  
Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
kolman@uochb.cas.cz

Komiyama Makoto  
The University of Tokyo  
Research Center for Advanced Science  
and Technology  
4-6-1, Komaba, Meguro-ku,  
153-8904 Tokyo  
Japan  
komiyama@mkomi.rcast.u-tokyo.ac.jp
Kovačková Soňa
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
kovackova@uochb.cas.cz

Kowalska Joanna
University of Warsaw, Faculty of Physics Division of Biophysics
Krakowskie Przedmiescie 26/28
00-927 Warsaw
Poland
asia@biogeo.uw.edu.pl

Krečmerová Marcela
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
marcela@uochb.cas.cz

Kubelka Tomáš
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
kubelka@uochb.cas.cz

Kungurtsev Vyacheslav
University of Turku Department of Chemistry
Arcanum, Vatselankatu 2
FI-20014 Turku
Finland
vyakun@utu.fi

Lain Luigi
University of Turku Chemistry dept. organic Vatselankatu 2, 20014 Turun yliopisto Turku Finland luigi.lain@utu.fi

Lebl Michal
Illumina, Inc. Advanced Research
9885 Towne Center Drive
92121 San Diego
United States michallebl@gmail.com

Leumann Christian
University of Bern Department of Chemistry and Biochemistry Freiestrasse 3 CH-3012 Bern Switzerland leumann@ioc.unibe.ch

Lonnberg Harri
University of Turku Department of Chemistry Vatselankatu 2 FIN-20014 Turku Finland harlon@utu.fi

Lönnberg Tuomas Antti
University of Turku Department of Chemistry Vatselankatu 2 FIN-20014 Turku Finland tuanlo@utu.fi
Macickova-Cahova Hana  
University of Heidelberg  
Institute of Pharmacy and Molecular Biology  
Im Neuenheimer Feld 364  
69120 Heidelberg  
Germany  
hmacicko@uni-heidelberg.de

Mařák David  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
marak@uoch.cas.cz

Madder Annemieke  
Ghent University  
Department of Organic Chemistry, Laboratory for Organic and Biomimetic Chemistry  
Krijgslaan 281, S4  
9000 Gent  
Belgium  
annemieke.madder@ugent.be

Matschkal Dorothea  
LMU München  
Butenandtstr. 5-13 (Haus F), D-81377 München  
Germany  
dorothea.matschkal@cup.uni-muenchen.de

Markiewicz Wojciech T.  
Institute of Bioorganic Chemistry PAS  
Noskowskiego 12/14  
PL-61704 Poznan  
Poland  
markwt@ibch.poznan.pl

Mazur Adam  
Girindus America Research & Development  
8560 Reading Road  
45215 Cincinnati  
United States  
amazur@cinci.rr.com

Marx Andreas  
University of Konstanz  
Department of Chemistry  
Universitätsstrasse 10  
Konstanz  
Germany  
andreas.marx@uni-konstanz.de

McGeoch Grant  
Link Technologies Ltd  
Chemistry Department  
3 Mallard Way, Strathclyde Business Park  
ML4 3BF Bellshill  
United Kingdom  
roz@linktech.co.uk

Marzenell Paul  
Universität Heidelberg  
Anorganisch Chemisches Institut  
Im Neuenheimer Feld 274  
69120 Heidelberg  
Germany  
paul.marzenell@aci.uni-heidelberg.de

McKenna Charles  
University of Southern California  
Department of Chemistry  
University of Southern California  
90089 Los Angeles  
United States  
mckenna@usc.edu
Meier Chris  
Hamburg University, Organic Chemistry  
Department of Chemistry, MIN-Faculty  
Martin-Luther-King-Platz 6  
20146 Hamburg  
Germany  
chris.meier@chemie.uni-hamburg.de

Mikhailopulo Igor  
Institute of Bioorganic Chemistry  
Acad. Kuprevicha 5/2  
220141 Minsk  
Belarus  
igor_mikhailo@yahoo.de

Menova Petra  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
petra.menova@uochb.cas.cz

Mikhailov Sergey  
Engelhardt Institute of Molecular Biology, Russian Academy of Sciences  
Vavilov str 32  
119991 Moscow  
Russia  
smikh@eimb.ru

Mergny Jean-Louis  
INSERM U869 - ARNA laboratory  
IECB  
2 rue Robert Escarpit  
F-33607 Pessac  
France  
jean-louis.mergny@inserm.fr

Morvan Francois  
Université Montpellier 2, UMR 5247  
CNRS UM1 UM2  
Institut des Biomolecules Max Mousseron  
Place Eugene Bataillon  
34095 Montpellier  
France  
morvan@univ-montp2.fr

Micklefield Jason  
The University of Manchester  
School of Chemistry, Manchester  
Interdisciplinary Biocentre  
131 Princess Street  
M1 7DN Manchester  
United Kingdom  
jason.micklefield@manchester.ac.uk

Nawrot Barbara  
Centre of Molecular and Macromolecular Studies of the Polish Academy of Sciences  
Department of Bioorganic Chemistry  
Sienkiewicza 112  
90-363 Lodz  
Poland  
bawrot@bio.cbmm.lodz.pl

Micura Ronald  
University of Innsbruck  
Institute of Organic Chemistry  
Innrain 52a  
6020 Innsbruck  
Austria  
ronald.micura@uibk.ac.at

Neal Adrian  
Wiley-VCH Verlag GmbH & Co. KGaA  
ChemBioChem  
Boschstrasse 12  
69469 Weinheim  
Germany  
anad@wiley.com
Nencka Radim
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
nencka@uochb.cas.cz

Nielsen Poul
University of Southern Denmark
Department of Physics and Chemistry
Campusvej 55
5230 Odense
Denmark
pon@ifk.sdu.dk

Niittymäki Teija Tuulikki
University of Turku
Chemistry department / Organic
Vatselankatu 2, 20014 Turun yliopisto
Turku
Finland
teija.niittymaki@utu.fi

Nikolai Joachim
European Patent Office
Directorate 2.1.01
Bayerstrasse 34
80335 Munich
Germany
jnikolai@epo.org

Novopashina Daria
Institute of Chemical Biology and Fundamental Medicine
laboratory of RNA Chemistry
akad. Lavrentiev ave. 8
630090 Novosibirsk
Russia
danov@niboch.nsc.ru

Orság Petr
Institute of Biophysics, AS CR, v.v.i.
DBCMO
Královopolská 135
61265 Brno
Czech Republic
orsag@ibp.cz

Pankiewicz Krzysztof
University of Minnesota
Center for Drug Design
7-215 PWB, 516 Delaware St., SE
55455 Minneapolis
United States
panki001@umn.edu

Perlikova Pavla
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
spacilova@uochb.cas.cz

Petrova Magdalena
Institute of Organic Chemistry and Biochemistry ASCR
Flemingovo nam. 2
CZ-16610 Prague 6
Czech Republic
petrova@uochb.cas.cz

Pi Pradeepkumar
Indian Institute of Technology Bombay
Department of Chemistry
Powai
400076 Mumbai
India
pradeep@chem.iitb.ac.in
Pivoňková Hana  
Institute of Biophysics, v.v.i, AS CR  
Královopolská 135  
61265 Brno  
Czech Republic  
hapi@ibp.cz

Raindlová Veronika  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
raindlova@uochb.cas.cz

Plavec Janez  
National Institute fo Chemistry  
Hajdrihova 19  
SI-1000 Ljubljana  
Slovenia  
janez.plavec@ki.si

Ravn Jacob  
Santaris Pharma A/S  
Kogle Alle 6  
DK-2970 Hørsholm  
Denmark  
jra@santaris.com

Pluskota-Karwatka Donata  
Adam Mickiewicz University  
Faculty of Chemistry  
Grunwaldzka 6  
60-780 Poznań  
Poland  
donatap@amu.edu.pl

Rejman Dominik  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
rejman@uochb.cas.cz

Pomeisl Karel  
Nucleoside and nucleotide analogues for biomedicinal applications  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
pomeislk@uochb.cas.cz

Riedl Jan  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
riedl@uochb.cas.cz

Potter Barry VI.  
University of Bath  
Department of pharmacy & pharmacology  
Claverton down  
ba2 7ay Bath  
United Kingdom  
b.v.l.potter@bath.ac.uk

Rigger Lukas  
Universität Innsbruck  
Institut für organische Chemie  
Innrain 52a  
6020 Innsbruck  
Austria  
lukas.rigger@uibk.ac.at
Richert Clemens  
University of Stuttgart  
Pfaffenwaldring 55  
70569 Stuttgart  
Germany  
lehrstuhl-2@oc.uni-stuttgart.de

Roelfes Gerard  
University of Groningen  
Stratingh Institute for Chemistry  
Nijenborgh 4  
9747 AG Groningen  
The Netherlands  
j.g.roelfes@rug.nl

Santner Tobias  
University of Innsbruck / Institute for organic chemistry  
Micura Group  
Innsrain 52a  
6020 Innsbruck  
Austria  
tobias.santner@uibk.ac.at

Seela Frank  
Center for Nanotechnology  
Laboratory of Bioorganic Chemistry and Chemical Biology  
Heisenbergstr. 11  
48149 Muenster  
Germany  
frank.seela@uni-osnabrueck.de

Sekine Mitsuo  
Tokyo Institute of Technology  
Department of Life Science  
J2-12, 4259 Nagatsuta, Midoriku  
226-8501 Yokohama  
Japan  
msekine@bio.titech.ac.jp

Shmalenuyk Eduard  
Engelhardt Institute of Molecular Biology  
RAS  
Vavilov str., 32  
119991 Moscow  
Russia  
ed-po4ta@ya.ru

Shrestha Ajaya  
Osaka University  
Pharmaceutical Sciences  
1-6 Yamadaoka  
565-0871 Suita, Osaka  
Japan  
ajaya-shrestha@phs.osaka-u.ac.jp

Schoch Juliane  
University of Heidelberg  
Institute of Pharmacy and Molecular Biology  
Im Neuenheimer Feld 364  
69120 Heidelberg  
Germany  
Schoch@uni-heidelberg.de

Šimák Ondřej  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
simak@uochb.cas.cz

Šnajdr Ivan  
Charles University in Prague  
Organic and Nuclear Chemistry  
Hlavova 8  
128 43 Praha 2  
Czech Republic  
ivan.snajdr@natur.cuni.cz
Špaček Petr  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
petr.spacek@uochb.cas.cz

Tichý Tomáš  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
tichy78@uochb.cas.cz

Taherpour Sharmin  
University of Turku  
Chemistry department / Organic  
Vatselankatu 2, 20014 Turun yliopisto  
Turku  
Finland  
sharmin.taherpour@utu.fi

Tor Yitzhak  
University of California, San Diego  
Chemistry and Biochemistry  
9500 Gilman Drive  
92093 La Jolla  
United States  
ytor@ucsd.edu

Taverna Porro Marisa Taverna  
CEA (Commissariat à l’Energie Atomique et aux Energies Alternatives)  
SCIB - INAC - LAN  
17 Rue des Martyrs  
38054 Grenoble  
France  
tavernamaru@gmail.com

Toti Kiran  
University of Gent  
Laboratory of Medicinal Chemistry, FFW  
Harelbekestraat 72  
9000 Gent  
Belgium  
kiran.toti@ugent.be

Teulade-Fichou Marie-Paule  
Institut Curie-CNRS  
Chemistry-UMR176  
Campus Universitaire- Centre de Recherche  
91405 Orsay  
France  
mp.teulade-fichou@curie.fr

Trajkovski Marko  
National Institute of Chemistry Slovenia  
NMR centre  
Hajdrihova 19  
1001 Ljubljana  
Slovenia  
marko.trajkovski@ki.si

Tichý Michal  
Institute of Organic Chemistry and Biochemistry ASCR  
Flemingovo nam. 2  
CZ-16610 Prague 6  
Czech Republic  
michal.tichy@uochb.cas.cz

Umemoto Tadashi  
Takeda Pharmaceutical Company Limited  
Medicinal Chemistry Research Laboratories  
10, Wadai, Tsukuba, 300-4293 Ibaraki  
Japan  
Umemoto_Tadashi@takeda.co.jp
Van Poecke Sara  
University Ghent  
Medicinal Chemistry  
Harelbekestraat 72  
9000 Gent  
Belgium  
sara.vanpoecke@ugent.be

Wagenknecht Hans-Achim  
Karlsruhe Institute of Technology  
Institute for Organic Chemistry  
Fritz-Haber-Weg 6  
76131 Karlsruhe  
Germany  
Wagenknecht@kit.edu

Vasilyeva Svetlana  
Institute of Chemical Biology and Fundamental Medicine  
Siberian Branch of the Russian Academy of Sciences  
Lavrent’ev Prospect 8  
630090 Novosibirsk  
Russia  
svetlana2001@gmail.com

Wachowius Falk  
Max Planck Institute for Biophysical Chemistry  
Research Group Nucleic Acid Chemistry  
Am Faßberg 11  
37077 Göttingen  
Germany  
fwachow@gwdg.de

Vasseur Jean-Jacques  
Univ. Montpellier 2 / IBMM  
Chemistry  
Place E. Bataillon  
34095 Montpellier  
France  
vasseur@univ-montp2.fr

Watanabe Kyoichi  
University of Minnesota  
Center for Drug Design  
5675 Redcoat Run  
Stone Mountain  
GA 30087  
USA  
kyowatanabe@comcast.net

Virta Pasi  
University of Turku  
Department of Chemistry  
Vatselankatu 2, 20014  
Turku  
Finland  
pamavi@utu.fi

Waldbach Thomas  
Jena Bioscience GmbH  
Loebstedter Strasse 80  
7749 Jena  
Germany  
sibylle.bauer@jenabioscience.com

Vrabel Milan  
LMU Muenchen  
Butenandstr. 5-13 (Haus F), D-81377  
München  
Germany  
milan.vrabel@cup.uni-muenchen.de

Weinberger Michael  
Karlsruher Institut für Technologie (KIT)  
Institut für Organische Chemie - II  
Fritz-Haber-Weg 6  
76131 Karlsruhe  
Germany  
michael.weinberger@kit.edu
Wenge Ulrike  
KIT Karlsruhe  
Institute for Organic Chemistry  
Fritz-Haber-Weg 6  
76131 Karlsruhe  
Germany  
ulrike.wenge@kit.edu

Wengel Jesper  
University of Southern Denmark  
Nucleic Acid Center  
Campusvej 55  
5230 Odense  
Denmark  
jwe@ribotask.com

Wilkinson Oliver John  
University of Sheffield  
Dept. of Chemistry  
Brook Hill  
S3 7HF Sheffield  
United Kingdom  
o.j.wilkinson@shef.ac.uk

Xiong Hai  
University of Osnabrueck  
Department of Chemistry and Biology  
Barbarastr. 7  
49076 Osnabrueck  
Germany  
xhai2001@hotmail.com

Yamashige Rie  
RIKEN  
System and Structural Biology Center  
1-7-22 Suehiro-cho, Tsurumi-ku  
230-0045 Yokohama  
Japan  
rieyama@ssbc.riken.jp

Yavin Eylon  
Hebrew University of Jerusalem  
School of Pharmacy  
Hadassah Ein-Karem  
91120 Jerusalem  
Israel  
eylon@ekmd.huji.ac.il

Zakirova Natalia  
EIMB RAS  
32, Vavilova Str  
119991 Moscow  
Russia  
aucik@aport2000.ru

Ziemniak Marcin  
University of Warsaw  
Faculty of Physics  
Krakowskie Przedmiescie 26/28  
00-927 Warsaw  
Poland  
marcin_ziemniak@poczta.onet.pl

Zytek Malgorzata  
University of Warsaw, Faculty of Physics  
Division of Biophysics  
Krakowskie Przedmiescie 26/28  
00-927 Warsaw  
Poland  
m.zytek@biogeo.uw.edu.pl