

LIST OF RECEIVED MANUSCRIPTS AS OF OCTOBER 9 (LISTING HERE DOES NOT MEAN THAT MANUSCRIPT WAS ACCEPTED)

Solid Phase Synthesis of Structurally Diverse 1,2,5-benzothiazidiazepin-4-on-1,1-dioxides	Karel-Simon Slock, Jurgen Caroen, Johan Van der Eycken
Fmoc deprotection by tert-butylamine in solution and in the synthesis of cyclic part of oxytocin like peptides	Martin Flegel, Zuzana Flegelova, Petr Malon, Sixtus Hynie and Vera Klenerova
Synthesis of peptidomimetics mimicking the hormone binding domain of the estrogen receptor	Rosa Romeralo Tapia, Frederique Backaert, Jan Goeman, Johan Van der Eycken
Silver Nanoparticle - Peptidoglycan Cell Wall Interaction	Fateme Mirzajani, Alireza Ghassempour, Atousa Aliahmad, and Mohammad Ali Esmaeili
Functionalized PNA Backbone Building Blocks eligible for Diels Alder Click Chemistry in Molecular Imaging	Rudiger Pipkorn, Manfred Wiesler, Waldemar Waldeck, Mario Koch and Klaus Braun
Simplified T-Defensins: Search for New Antivirals	Piotr Ruchala, Sylvia Cho, Amy L. Cole, Chun-Ling Jung, Hai T. Luong, Ewa D. Micewicz, Alan J. Waring, Alexander M. Cole, Betsy C. Herold, and Robert I. Lehrer
Application of Fragment Based Drug Design for the discovery of peptidomimetic as inhibitors of cyclophilins.	Lionel Colliandre, Abdelhakim Ahmed-Belkacem, Jean-Michel Pawlotsky, Jean-Francois Guichou
Structural control of diastereomeric Leu-Leu-Aib-Leu-Leu-Aib sequences	Yosuke Demizu, Mitsunobu Doi, Yukiko Sato, Masakazu Tanaka, Haruhiro Okuda, and Masaaki Kurihara
Repetitive Cleavage of Aib-Peptides by Trifluoroacetic Acid	Hans Bruckner, Christoph Theis, Thomas Degenkolb, Renate Gessmann, Michael Kokkinidis
Design and synthesis of protein-protein interaction mimics as Plasmodium falciparum cysteine protease Falcipain-2 inhibitors	Luca Rizzi, Srividhya Sundararaman, Katarina Cendic, Nadia Vaiana, Reshma Korde, Dipto Sinha, Asif Mohammed, Pawan Malhotra, and Sergio Romeo
Structural features of antimicrobial aza-b3-peptides	Baptiste Legrand, Mathieu Laurencin, Celine Zatylny-Gaudin, Joel Henry, Arnaud Bondon, Michele Baudy Floc'h
New Building Blocks for Solid-Phase Synthesis of Peptide Analogues: Nb-Fmoc-Nb-Methyl-aza-b3-amino acids	Ksenija Kisselnova, Irene Nicolas, Patrick Bauchat, Jaak Jarv, Michele Baudy-Floc'h
A Method for Screening Peptides Bound to EGFR by Using Multiple Fluorescent Amino Acids as Fluorescent Tags	Mizuki Kitamatsu, Takahiro Yamamoto, and Masahiko Sisido
SYNTHESIS OF GLYCOPEPTIDES POTENTIAL INHIBITORS OF HUMAN RHINOVIRUS 3C PROREASE	Dantcho L. Danalev, Nadege Lubin-Germain, Jacques Uziel, Jacques Auge

SYNTHESIS OF TACRINE ANALOGUES COMPRISING PEPTIDE MOIETY	Dantcho L. Danalev, Lyubomir T. Vezenkov and Nikolay Vassilev
SYNTHESIS OF NEW POLYMER MATRICES INCLUDING AMINO ACIDS	Dantcho L. Danalev, Jean-Marie Ringear, Stephane Serfaty, Jean-Yves Le Huerou, Emmanuel Caplain, Lyubov K. Yotova, Pascal Griesmar
Synthesis of Novel Non-Proteinogenic Amino Acids: N-Ethyldehydroamino Acids	Lui-s S. Monteiro, Joanna Kolomanska, Ana C. Suarez
Lasiocepsin: Novel Antimicrobial Peptide from the Venom of Eusocial Bee Lasioglossum laticeps	Lenka Monincova, Jirina Slaninova, Vladimír Fucík, Oldřich Hovorka, Zdeněk Voburka, Lucie Bednarova, Petr Malon, and Vaclav Cerovsky
Design, synthesis and biological evaluation of novel endomorphins with multiple structural modifications	Geza Toth, Jayapal Reddy Mallareddy, Attila Borics, Katalin E. Kover, Attila Keresztes
Synthesis of aza-β-homoserine, incorporation of this new aza-β-amino acid into 26RFa(20-26) and microwave-assisted deprotection of its side chain	Olivier Tasseau, Patrick Bauchat, Cindy Neveu, Benjamin Lefranc, Jerome Leprince, Michele Baudy-Floc'h
Cell-penetrating peptides as adenovirus vector carrier	K Kawasaki, S Kida, Y Eto, Y Yoshioka, S Nakagawa, K Hojo, and M Maeda
Structure of a new stable Cu(III)/cyclopeptide complex by Cu K-edge XAS study	Alessandro Pratesi, Gabriele Giuli, Maria Rita Cicconi, Tsu-Chien Weng, Giovanni Pratesi, and Mauro Ginanneschi
Nicotianamine and Thermanicotianamine: supported synthesis and chelation ability	Manuel Larrouy, Jean Martinez and Florine Cavelier
Improving Peptide Therapeutics for HIV and other Viral Diseases	Antonello Pessi, Matteo Porotto, Christine Yokoyama, Laura M. Palermo, Aparna Talekar, Ilaria DeVito, Barry Rockx, Heinz Feldmann, Riccardo Cortese, and Anne Moscona
Synthesis and Folding of Kv1.3 Ion-Channel Blocking Peptides	G. Dello Iacono, T. Leedom, L. Wood, D. Tumelty, A. Bhat, G. Woodnutt, Curt Bradshaw, P. Morton, R. Numann, J. Ozer, G. Anderson, G. Weber, M. Schmidt, Z-L. Mo, K. Keys, B. Koci, M. Williams, J. Desharnais
n-π Interactions in the Molecules of Life	Amit Choudhary and Ronald T. Raines
Cellular expression of the human Angiotensin II type 1 receptor containing the non-canonical photolabelling amino acid Bpa	Jason Arsenault, Julie Lehoux, Brian J. Holleran, Marilou Lefrançois, Gaetan Guillemette, Richard Leduc, and Emanuel Escher
Utilization of enzymes from the red king crab hepatopancreas for obtainment of cow milk protein hydrolyzate	V. A. Mukhin, Yu. E. Trukhacheva, and V. Yu. Novikov
Targeting the Nuclear Pore Complex with Proteomimetic Cell Penetrating Peptides	Sarah Jones and John Howl

2D IR Spectroscopy of Oligopeptides Conformationally Restrained by Ca, $\alpha$ -Dialkylated Glycyl Residues	Hiroaki Maekawa, Matteo De Poli, Gema Ballano, Fernando Formaggio, Claudio Toniolo, and Nien-Hui Ge
Experimental and Theoretical Spectroscopy Study of 3-10-Helical Peptides Using Isotopic Labeling	Ahmed Lakhani, Anjan Roy, Marcelo Nakaema, Matteo De Poli, Fernando Formaggio, Claudio Toniolo, and Timothy A. Keiderling
Synthesis and Characterization of FIAib, a Completely Rigidified Benzophenone Containing $\alpha$ -Amino Acid	Karen Wright, Antonio Blanco Alvarez, Marco Crisma, Alessandro Moretto, Fernando Formaggio, and Claudio Toniolo
Photocurrent Generation through Mono- and Bicomponent Peptide Self-Assembled Monolayers: Antenna and Junction Effects	Alessandro Porchetta, Emanuela Gatto, Mario Caruso, Marco Crisma, Fernando Formaggio, Claudio Toniolo, and Mariano Venanzi
Pyrrolo[3,2-e][1,4]diazepin-2-one $\alpha$ -Turn Mimic Synthesis on TAP Soluble Support.	Nicolas Boutard, Julien Dufour-Gallant, and William D. Lubell
Synthesis and biological evaluation of cytotoxic peptide conjugates containing 5-fluorouracil	Sergey V. Burov, Tatyana V. Yablokova, Maria V. Leko, Anton Yu. Alenko, Marina Yu. Dorosh
VCD spectroscopic analysis of $\mu$ -opioid peptides	Attila Borics, Geza Toth, Sandor Lovas
Optical Spectroscopy and Conformational Analysis of Peptide Aggregates. The Role of Aromatic Interactions and Conformational Flexibility	Mario Caruso, Ernesto Placidi, Emanuela Gatto, Lorenzo Stella, Antonio Palleschi, Gianfranco Bocchinfuso, Fernando Formaggio, Claudio Toniolo, and Mariano Venanzi
Membrane Insertion of para-Cyanophenylalanine Labeled Alamethicin Analogues. Correlation of Fluorescence and Infrared Absorption Data	Sara Bobone, Marta De Zotti, Annalisa Bortolotti, Gema Ballano, Fernando Formaggio, Claudio Toniolo, and Lorenzo Stella
Role of Triple Hyp-Pro Substitution on Conformation and Bioactivity of Integramide A	Marta De Zotti, Wim De Borggraeve, Bernard Kaptein, Quirinus B. Broxterman, Sheo B. Singh, Peter J. Felock, Daria J. Hazuda, Fernando Formaggio, and Claudio Toniolo
Antimicrobial peptides containing D-amino acids with in vivo activity against plant pathogenic bacteria	Imma Guell
Synthesis of biaryl cyclic peptides through solid-phase borylation and cyclization by a Suzuki-Miyaura cross-coupling	Ana Afonso, Marta Planas, Lidia Feliu
Assembly and stimulatory activity of backbone to side chain cyclic octapeptide-ligands for the N-terminal SH2-domain of the protein-tyrosine-phosphatase SHP-1	Mohammad S. Zoda, Martin Zacharias, Franziska Müssbach, Buerk Schaefer, and Siegmund Reissmann
Peptide Fragmentomics	Alexander A. Zamyatnin
Antimicrobial Oligopeptides and Rapid Alkalinization Factors in Chilean Grape	Alexander A. Zamyatnin, Olga L. Voronina

Octapeptide ligands with affinity for recombinant erythropoietin derived from the screening of combinatorial libraries	Maria C. Martinez-Ceron, Mariela M. Marani, Marta Taules, Marina Etcheverrigaray, Fernando Albericio, Osvaldo Cascone and Silvia A. Camperi
De novo designed cyclic decapeptides with anticancer activity	Lidia Feliu, Gloria Oliveras, Anna D. Cirac, Cristina Roses, Ramon Colomer, Eduard Bardaji, Marta Planas, Teresa Puig
CcdB Toxin Peptides Derivatives and its Interactions with an Analogue of Bacterial CcdA Antitoxin	Saulo S. Garrido, Camila Ap. Cotrim, Davi B. Delfino, Anderson Garcia, Luiz C. B. Barbosa and Reinaldo Marchetto
Substitution of various p-N-alkylcarboxamidophenylalanine analogues for Tyr1 in TIPP opioid peptides.	Irena Berezowska, Carole Lemieux, Nga N. Chung, and Peter W. Schiller
Synthesis and Folding of Kv1.3 Ion-Channel Blocking Peptides	G. Dello Iacono, T. Leedom, L. Wood, D. Tumelty, A. Bhat, G. Woodnutt, C. Bradshaw, P. Morton, R. Numann, J. Ozer, G. Anderson, G. Weber, M. Schmidt, Z-L. Mo, K. Keys, B. Koci, M. Williams, J. Desharnais
Active Peptidomimetic Insect Kinin Analogs with Type VI Turn Motif 4-aminopyroglutamate Lack Native Peptide Bonds	Krzysztof J. Kaczmarek, Geoffrey M. Coast, Janusz Zabrocki and Ronald J. Nachman
Effect of helix kink on the activity and selectivity of an antimicrobial peptide	Sara Bobone, Gianfranco Bocchinfuso, Antonio Palleschi, Jin Y. Kim, Yoonkyung Park, Kyung-Soo Hahm, and Lorenzo Stella
Cyclic amino acid-containing alpha-helical peptide-catalyzed enantioselective epoxidation reaction	Masakazu Tanaka, Masanobu Nagano, Mitsunobu Doi, Masaaki Kurihara, Hiroshi Suemune
Synthesis of (Glyco)protein by the Ligation Methods	Hironobu Hojo, Hidekazu Katayama, Akiharu Ueki, Yuko Nakahara and Yoshiaki Nakahara
Isovaline Containing Peptides: Configurational Assignment Using 2D-NMR Spectroscopy	Marta De Zotti, Elisabetta Schievano, Stefano Mammi, Bernard Kaptein, Quirinus B. Broxterman, Sheo B. Singh, Hans Bruckner, Claudio Toniolo
Fluctuations and the Rate-Limiting Step of Peptide-Induced Membrane Leakage	Claudia Mazzuca, Barbara Orioni, Massimiliano Coletta, Fernando Formaggio, Claudio Toniolo, Giuseppe Maulucci, Marco De Spirito, Basilio Pispisa, Mariano Venanzi, and Lorenzo Stella
Increasing Amphiphilicity in Peptaibiotics: Gly to Lys Replacements in Trichogin GA IV	Marta De Zotti, Barbara Biondi, Cristina Peggion, Fernando Formaggio, Yoonkyung Park, Kyung-Soo Hahm, and Claudio Toniolo
Synthesis, Preferred Conformation, and Membrane Activity of Heptaibin, a Medium-Length Peptaibiotic	Marta De Zotti, Barbara Biondi, Cristina Peggion, Marco Crisma, Fernando Formaggio, and Claudio Toniolo
Mimicking of Disulfide Bonds by Triazoles	Kai Holland-Nell and Morten Meldal

Mutants of an amyloidogenic human cystatin C in pressure-induced denaturation studies using hydrogen exchange mass spectrometry	Elzbieta Jankowska, Marta Orlikowska, Marta Sosnowska, Aneta Szymanska, Piotr Stefanowicz, Karolina Kowalewska, Zbigniew Szewczuk
Mapping Charge Delocalization in a Peptide Chain Triggered by Oxidation of a Terminal Ferrocene Moiety	Vanessa Marcuzzo, Alessandro Donoli, Roberta Cardena, Alessandro Moretto, Claudio Toniolo, and Saverio Santi
Paterno-Yang Photocyclization Reaction in Bpa/Met 3-10-Helical Peptides: Role of Spacer Length	Anna Cupani, Alessandro Moretto, Fernando Formaggio, and Claudio Toniolo
Bis-Azobenzene Photoswitchable $\alpha$ -Amino Acids for Nanomaterials Applications	Alessandro Moretto, Marco Crisma, Paola Fatas, Gema Ballano, Ana I. Jimenez, Carlos Cativiela, and Claudio Toniolo
Vibrational Energy Transport in a Peptide Capping Layer over Gold Nanoparticles	Marco Schade, Paul M. Donaldson, Peter Hamm, Alessandro Moretto, and Claudio Toniolo
New Hybrid and Mutant PIA and MII Toxins with Greater Affinity and Selectivity for the $\alpha 6^*$ Subtype	Renato Longhi, Luca Pucci, Luca Rizzi, Giovanni Grazioso, Clelia Dallanoce, Francesco Clementi, and Cecilia Gotti
Convenient Synthesis of Tfm-Dipeptides from Unprotected Enantiopure $\alpha$ -Tfm-Proline and $\alpha$ -Tfm-Alanine	Gregory Chaume, Nathalie Lensen, Caroline Caupene, and Thierry Brigaud
CF3-Pseudoprolines: Synthesis and conformational study of hydrolytically stable proline surrogate containing dipeptides.	Olivier Barbeau, Caroline Caupene, Debby Feytens, Gregory Chaume, Philippe Lesot, Emeric Miclet, and Thierry Brigaud
Concise Access To (S)- and (R)- $\alpha$ -Tfm Serine and $\alpha$ -Tfm Aspartic Acid From Chiral Trifluoromethyloxazolidines (Fox)	Julien Simon, Thuan Nguyen, Gregory Chaume, Evelyne Chelain, Nathalie Lensen, Julien Pytkowicz, and Thierry Brigaud
Homobivalent $\alpha$ MSH Derivatives for Melanoma Imaging: $^{99m}\text{Tc}(\text{CO})_3$ -Labeling and Biological Evaluation	Mauricio Morais, Paula D. Raposinho, Maria Cristina Oliveira, Joao D. G. Correia, I. Santos
Synthesis, conformational analysis, and biological activity of [aza-3-indoylgly4] GHRP-6 as an aza-tryptophan analog of Growth Hormone Releasing Peptide-6	Caroline Proulx, David Sabatino, Petra Pohankova, Huy Ong, William D. Lubell
IMMUNOPEPdb a novel immunomodulatory peptides database	Osmar N. Silva, William F. Porto, Diego G. Gomes, Simoni S. Dias and Octavio L. Franco
Evaluation of Packing Materials Used for Preparative HPLC Purification of Peptide Derivatives	Kiyoshi Nokihara, Takafumi Ohyama, Noriko Ono, Kazuhiro Kitaori, and Tetsuyuki Saika
Antioxidant potential of phenolic acid amides of aromatic amines	Lyubomir Georgiev, Iskra Totseva, Katya Seizova, Emma Marinova, Maya Chochkova, and Tsenka Milkova
Radical Scavenging Activity of Hydroxycinnamoylamides of Amino Acids - Precursors of Biogenic Amines	Maya G. Chochkova, Hristina G. Nikova, Galya I. Ivanova, Lyubomir N. Georgiev, and Tsenka S. Milkova

Post-Synthesis Modification of p-iodo-Phenylalanine-Containing Peptides on Solid-Phase via the Palladium-Catalyzed Sonogashira Reaction	Ngoc-Duc Doan, David Chatenet and Alain Fournier
Synthesis, characterization and activity of Antamanide and its analogues as inhibitors of the mitochondrial permeability transition pore	Andrea Calderan, Nicola Antolini, Luca Azzolin, Paolo Bernardi, Andrea Rasola, Paolo Ruzza, and Stefano Mammi
CD and fluorescence screening of $\alpha$ -synuclein-peptide interactions	Anna Marchiani, Giada Massalongo, Stefano Mammi, Isabella Tessari, Luigi Bubacco, Andrea Calderan, Paolo Ruzza
Interaction of curcumin with $\alpha$ -synuclein and its relationship to curcumin's ability to inhibit fibril deposit	Anna Marchiani, Stefano Mammi, Isabella Tessari, Luigi Bubacco, Sandra Monti, Francesco Manoli, Paolo Ruzza
Synthesis and in vitro antitumor activity of new daunomycin containing GnRH-II derivatives	Ildiko Szabo, Erika Orban, Szilvia Bosze, Gabor Mezo
Sequences of the Polypeptide Antibiotics (Peptaibiotics) Acretocins	Hans Bruckner and Jochen Kirschbaum
Synthesis and Biological Evaluation of Daunorubicin-GnRH-III Prodrug	Ruzsa Hegedus, Erika Orban, Ildiko Szabo, Marilena Manea, Gabor Mezo
Development of drug delivery systems for targeted cancer chemotherapy based on GnRH antagonist and agonist peptides	Bence Kapuvári, Borbala Vincze, Marilena Manea, Miguel Tejada, Akos Schulcz, Jozsef Tovari, Dezso Gaal, Erika Orbn, Ildiko Szabo, Gabor Mezo
Anthracycline-Gonadotropin Releasing Hormone-III Bioconjugates: Synthesis, Antitumor Activity and in vitro Drug Release	Gabor Mezo, Ulrike Leurs, Pascal Schlage, Erika Orban, Ildiko Szabo, Szilvia Bosze, Marilena Manea
Structure-activity studies of Angiotensin IV analogues containing the conformationally constrained Aia residue	Isabelle Van den Eynde, Aneta Lukaszuk, Koen Buysse, Heidi Demaegdt, Philippe Karoyan, Georges Vauquelin, Attila Keresztes, Geza Toth, Antal Peter, Dirk Tourwe
Solvent-free Synthesis of Peptides in a Ball-Mill	Valerie Declerck, Pierrick Nun, Jean Martinez and Frederic Lamaty
The [Tc(N)PNP] Metal Fragment Labeled Peptide for MC1 Receptors Imaging: Preliminary Studies	Barbara Biondi, Cristina Bolzati, Davide Carta, Nicola Salvatorese, Fiorenzo Refosco, Andrea Calderan, and Paolo Ruzza
Synthesis, characterization and cytostatic effect of new pemetrexed-peptide conjugates	Erika Orban, Zsanett Miklan, Zoltan Banoczi, Ferenc Hudecz
Dimerization of the immunosuppressory decapeptide ubiquitin fragment	Marzena Cydzik, Monika Biernat, Alicja Kluczyk, Piotr Stefanowicz, Remigiusz Bachor, Michal Zimecki, and Zbigniew Szewczuk
Molecular Modeling, Design and Structural Studies of a New Class of Peptide Inhibitors of Bacterial Topoisomerases	Luiz Carlos B. Barbosa, Saulo S. Garrido, Davi B. Delfino, Anderson Garcia, and Reinaldo Marchetto

Peptide Based Artificial Receptors for Carbohydrate Recognition	Predrag Cudic, Andreja Jakas, Nina Bionda, and Mare Cudic
Structural Aspects and Biological Evaluation of New Mannose Derived Immunomodulating Adamantyltripeptides	Rosana Ribic, Lidija Habjanec, Branka Vranesic, Ruza Frkanec, and Srdanka Tomic-Pisarovic
Molecular Modeling of Novel GnRH Analogues Using NMR Spectroscopy and Relation with Their Anti-Cancer Activities	F. Tahoori, M. Erfani Moghaddam, A. Arabanian, S. Balalaie
Novel peptide conjugates: heterocyclic modifications of the immunomodulatory ubiquitin fragment	Alicja Kluczyk, Malgorzata Ratajska, Anna Staszewska, Marek Cebrat, Hubert Bartosz-Bechowski, Piotr Stefanowicz, Michal Zimecki and Zbigniew Szewczuk
Design and Synthesis of b-cyclodextrin/GnRH-Analogue Conjugation for the Treatment of Hormone Depended Cancer	Despina Laimou, Gerasimos Tsivgoulis and Theodore Tselios
Molecular Modeling of the Interactions between m-Conotoxin SmIIIA and the Pore of Voltage-Gated Sodium Channel Subtypes NaV1.2 and NaV1.4	Pawel Gruszczynski, Doju Yoshikami, Rajmund Kazmierkiewicz, Min-Min Zhang, Baldomero M. Olivera, Grzegorz Bulaj, and Thomas E. Cheatham
Computational Study on Helical Structure of $\alpha,\alpha$ -Disubstituted Oligopeptides Containing Chiral $\alpha$ -Amino Acids	Masaaki Kurihara, Yosuke Demizu, Yukiko Sato, Nanako Yamagata, Haruhiro Okuda, Masanobu Nagano, Mitsunobu Doi, Masakazu Tanaka, Hiroshi Suemune
The adjuvant activity of glucosaminyl muramyl dipeptide (GMDP) is linked to the beta-anomer configuration and N-acetylglucosamine (GlcNAc) uptake system.	Elena A. Meshcheryakova, Elena P. Dobrushkina, Tatiana M. Andronova and Vadim. T. Ivanov
Novel calpain inhibitors	Zoltan Banoczi, Levente E. Dokus, Agnes Tantos, Attila Farkas, Peter Tompa, Peter Friedrich, and Ferenc Hudecz
Conformational behaviour of vasopressin-like peptides in the membrane-mimetic environment	Emilia Sikorska and Anna Kwiatkowska
Synthetic Antifreeze Glycopeptide Analogs	Lilly Nagel
Specific Substrates And Inhibitors Of Human Furin	Adam Lesner, Magdalena Wysocka, Anna Legowska and Krzysztof Rolka
The Total Regioselective Control of Tartaric Acid	Jan Spengler, Ana I. Fernandez-Llamazares, Javier Ruiz-Rodriguez, Klaus Burger, and Fernando Albericio
The Characterization Of Staphopains Enzyme Family From Staphylococcus aureus Using Combinatorial Chemistry Methods	Adam Lesner, Magdalena Wysocka, Marcelina Jaros, Anna Legowska, Katarzyna Guzow, Grzegorz Dubin, Benedykt Wladyka, Wieslaw Wiczak, and Krzysztof Rolka
Peptide Diketopiperazine Thioester Formation at the Cys-Pro-Cys Position	Toru Kawakami, Sakiko Shimizu, and Saburo Aimoto

Synthesis and Biological Activity of Quercetin Derivatives of Endogenous Opioid Peptides Leu- and Met-enkephalin	Andreja Jakas, Nina Bjelils, Ivo Piantanida and Marijeta Kralj
A double heteroatom Mitsunobu coupling with amino hydroxybenzoic acids on solid phase: a novel application of the Mitsunobu reaction to form dendron building blocks	Tzachi Shalit, Amnon Albeck and Gary Gellerman
SPOS route to Novel 9-Anilinoacridine Derivatives: Biological Evaluation	Gary Gellerman, Tamara Brider, Arie Budovsky and Stella Aronov
Peptidomimetic PKB/Akt inhibitors as anti-cancer drug leads	Yftah Tal-Gan, Shoshana Klein, Alexander Levitzki, Chaim Gilon
What Could Be the Role of Quinacrine in Creutzfeldt-Jakob Disease Treatment?	Zbigniew Zawada, Jaroslav Sebestik, Martin Safari-k, Anna Krejcirikova, Anna Brezinova, Jan Hlavacek, Ivan Stibor, Karel Holada, Petr Bour
Homobivalent $\alpha$ -MSH Derivatives for Melanoma Imaging: $^{99m}\text{Tc}(\text{CO})_3$ -Labeling and Biological Evaluation	Mauricio Morais, Paula D. Raposinho, Maria Cristina Oliveira, Joao D.G. Correia, and I. Santos
Neuroprotective effect of short collagen-related peptides and their ability to interact with ACE reveal structure-activity similarity	Stanislav I. Schramm, Tatyana N. Danyukova, Kristina V. Glebova, Igor Yu. Nagayev, Ludmila A. Andreeva, Nikolay F. Myasoedov
Conformational Studies Of Toac-Analogues From New Cytolytic Peptide Isolated From Hypsiboas Albopunctatus	Eduardo F. Vicente, Graziely F. Cespedes, Edson Crusca, Mariana S. Castro, Maria Jose S. Mendes-Giannini, Lui-s Guilherme M. Basso, Antonio J. Costa-Filho, Reinaldo Marchetto, Eduardo M. Cilli
M1154 - A novel galanin ligand to delineate the galaninergic system	Johan Runesson, Indrek Saar, Rannar Sillard, and Ulo Langel
Synthetic Studies toward the Mannopeptimycins	M. Morelle, K. Cariou, J. Thierry and R. H. Dodd
Enterocins L50A and L50B from <i>Enterococcus durans</i> A5-11: conformational and antibacterial studies	Severine ZIRAH, Christophe GOULARD, Remi DUCASSE, Michele DALGALARRONDO, Jean PEDUZZI, Jean-Marc CHOBERT, Thomas HAERTLE and Sylvie REBUFFAT
Towards lasso peptide engineering: Insights into the maturation mechanism of microcin J25	Kok-Phen YAN, Severine ZIRAH, Yanyan LI, Christophe GOULARD and Sylvie REBUFFAT
NMR studies of vasopressin analogues modified with indoline-2-carboxylic acid in position 2 in dodecylphosphocholine micelle	Emilia Lubecka, Emilia Sikorska, Anna Kwiatkowska, and Jerzy Ciarkowski
Synthesis of Novel Peptides Containing Unusual $\gamma$ -Amino acids and Investigation of their Nanostructures	B. Talaei, A. Arabanian, S. Balalaie
Engineering of Amyloid-b-Binding Affibody Molecules for Improved Chemical Synthesis and Higher Binding Affinity	Joel Lindgren, Lars Abrahmsen, Sebastian Warmlander, and Amelie Eriksson Karlstrom



Cyclic Peptides with a Diversely Substituted Guanidine Bridge: Synthesis, Structural and Biological Evaluations of Model Peptides	Youness Touati Jallabe, Engin Bojnik, Laurent Chiche, Abdallah Hamze, Andre Aumelas, Nga N. Chung, Peter W. Schiller, Dorothee Berthomieu, Sandor Benyhe, Vincent Lisowski, Jean Martinez, and Jean-Francois Hernandez
Solid phase synthesis substituted peptide amides on aryl hydrazine resin	Witold A. Neugebauer, Anna Kwiatkowska, Xue Wen Yuan and Robert Day
Solid-phase synthesis C-terminus chloromethyl ketone peptides	Witold A. Neugebauer, Nabil G. Seidah, Delia Susan-Resiga, Xue Wen Yuan, Robert Day
N-linked homodimers of the kinin B1 receptor antagonist R-715	Witold A. Neugebauer, Martin Savard, Klaus Klarskov, and Fernand Gobeil
The Synthesis of Some Peptides Intended to Be Inhibitors of the RNA-Polymerase of Influenza A Virus.	Oleg V. Matusevich, Oleg I. Kiselev
A neuropeptidomics study of the bovine hypothalamus reveals novel endogenous peptides and processing pathways	Michelle L. Colgrave, Li Xi, Sigrid Lehnert, Traute Flatscher-Bader, Henrik Wadensten, Anna Nilsson, Per E. Andren, Gene Wijffels
Straightforward syntheses of deuterated precursors to be used as powerful tracers under fermentative conditions	Florine Cavelier, Aurelie Roland, Alain Razungles and Remi Schneider
Detection of the Apo-B,E-binding site of low density lipoprotein receptor	Irina V. Shutova and Vladimir P. Golubovich
The Transcriptional Activator PhoB: Chemical Synthesis of Epitopes and Functional Studies	Markus Ritzefeld, Katrin Wollschlager, Andre Kornig, Michael Birlo, Robert Ros, Dario Anselmetti, Norbert Sewald
4-Methylpseudoproline analogues of cyclolinopeptide A: synthesis, conformation and biology	Joanna Katarzynska, Stefan Jankowski, Krzysztof Huben, Michal Zimecki and Janusz Zabrocki
Convergent syntheses of HuPrP106-126 (difficult sequence) using native chemical ligation and desulfurization/ deselenization	Jaroslav Sebestik, Martin Safarik, Zbigniew Zawada, and Jan Hlavacek
Jelleine-I analogues with improved antibacterial activity	Paul R. Hansen
Antimicrobial activity of small 3-(2-naphthyl)-L-alanine containing peptides	Paul R. Hansen and Niels-Frimodt Moller
Cryptophycins - Synthesis of Potent Functionalized New Antitumor Agents	Benedikt Sammet and Norbert Sewald
Interactions of Cell-Penetrating Peptides in the Model of Giant Plasma Membrane Vesicles	Pille Saalik, Aira Niinep, Mats Hansen, Ulo Langel and Margus Pooga

The Influence of Disulfide Bridge of Trypsin Inhibitor SFTI-1 for Enzyme - Inhibitor Interaction	Anna Legowska, Dawid Debowski, Magdalena Wysocka, Adam Lesner, and Krzysztof Rolka
Secondary structure modifications of serine protease inhibitor upain-1 to improve binding affinity	Renee Roodbeen, Peter A. Andreasen, Knud J. Jensen
Analogues of Trypsin Inhibitor SFTI-1 Modified in Absolutely Conserved P1' Position by Synthetic or Non-Proteinogenic Amino Acids	Rafal, Lukajtis, Anna Legowska, Dawid Debowski, Magdalena Wysocka, Adam Lesner, and Krzysztof Rolka
NEW SOCS1-KIR MIMETIC PEPTIDES THROUGH THE SCREENING OF FOCUSED SYMPLIFIED COMBINATORIAL LIBRARIES	Daniela Marasco, Nunzianna Doti, Pasqualina L. Scognamiglio, Stefania Madonna, Menotti Ruvo, Carlo Pedone, Cristina Albanesi
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