

Analytical and Biophysical Methods

Topic B9: Structural Studies

- P208** The comparative conformational study of the chemotactic peptide For-Met-Leu-Phe-OMe and its analogues incorporating α - α disubstituted amino acids at position 2
Wazady Youssef*, Ameziane Chakib Hassini, Lakhdar Mahjoub, Ezzamarty Aziz.
- P209** Structural behaviour of beta-amyloid fragments
Wisniewska Kornelia*, Ruta-Dolejsz Monika, Kowalik-Jankowska Teresa, Lankiewicz Leszek, Kozlowski Henryk, Grzonka Zbigniew.
- P210** Synthesis, molecular structure and conformation study of dipeptides containing pipecolic acid or its α -aza-analogue
Wyckaert Fabienne, Boussard Guy*, Didierjean Claude, Aubry André.
- P211** Conformational studies of the Alzheimer amyloid A β (1-16)peptide by CD and NMR spectroscopy
Zirah Séverine*, Kozin Sergei, Caux Christelle, Blond Alain, Debey Pascale, Rebuffat Sylvie.
- OC06** Structural studies of yeast mitochondrial ATP synthase subunits
Aznar Céline*, Geoffre Serge, Manigand Claude, Picard Philippe, Précigoux Gilles.

Analytical and Biophysical Methods

Topic B10: Self Assembly

- OC21** Standardization of aggregation grade and neurotoxicity of β -amyloid peptides
Penke Botond*, Soos Katalin, Szabo Zoltan, Klement Eva, Hetenyi Csaba, Molnar Zsolt, Jost Krisztina, Rojik Imre, Harkany Tibor, Zarandi Marta.
- OC83** Expression, amyloidogenicity and cytotoxicity of human pro-islet amyloid polypeptide (ProIAPP)
Krampert Monika, Bernhagen Jürgen, Brunner Herwig, Voelter Wolfgang, Kapurniotu Aphrodite*.

Analytical and Biophysical Methods

Topic B11: Protein Folding

- P212** Timescales for peptide secondary and tertiary structure formation
Andersen Niels H*, Dyer R Brian, Fesinmeyer R Matthew, Gai Feng, Maness Shelia, Werner James.
- P213** Study on the in vitro oxidation/folding of maurotoxin, a 4 disulfide-bridged scorpion toxin
di Luccio Eric*, Fajloun Ziad, Mansuelle Pascal, Oughideni Razika, Sampieri François, Rochat Hervé, De Waard Michel, Sabatier Jean-Marc.
- P214** Translocation of peptide pAntp and AP-2AL analogue : experimental and theoretical approaches
Drin Guillaume*, Déméné Héléne, Tamsamani Jamal, Brasseur Robert.
- P215** Conformational analysis of trimeric collagen peptides crosslinked with a cystine-knot
Fiori Stella*, Barth Dirk, Rainer Friedrich, Markus Schütt, Luis Moroder.
- P216** Maurotoxin vs Pi1 scorpion toxins : towards new insights in the understanding of their distinct disulfide bridge patterns
Sabatier Jean-Marc*, Fajloun Ziad, Carlier Edmond, Mansuelle Pascal, Oughideni Razika, Ferrat Gilles, Kharrat Ryadh, di Luccio Eric, Sandoz Guillaume, El Ayeb Mohamed, Darbon Hervé, Rochat Hervé, De Waard Michel.
- OC05** The Trp-cage: a notably stable mini-protein fold.
Andersen Niels H*, Neidigh Jonathan W, Fesinmeyer R Matthew.
- OC13** CPWR spectroscopy : a new method for studying peptide-integral membrane protein interactions
Hruby Victor J*, Cowell S, Salamon Z, Tollin G.

Analytical and Biophysical Methods

Topic B12: Analytical Methodologies

- P217** A novel approach to identify proteins using direct software interpretation of ESI-MS/MS data to determine de novo sequences of tryptic peptides
Bordoli R, Rachubinski R, Skilling J.
- P218** High-resolution magic angle spinning NMR (HR-MAS) to study the behaviour of peptides in solid-phase
Chessari Gianni*, Wieruszeski Jean-Michel, Lippens Guy.
- P219** New approach of HRMAS technique using solid state NMR methods : detection of dipolar interactions between distant nuclei
Elbayed Karim, Furrer Julien, Raya Jésus, Hirschinger Jérôme, Piotto Martial, Bourdonneau Maryse, Bianco Alberto, Guichard Gilles, Limal David, Briand Jean-Paul.
- P220** Study of the HRMAS technique: anisotropic bulk magnetic susceptibilities and residual static dipolar interaction
Elbayed Karim, Furrer Julien, Raya Jésus, Hirschinger Jérôme, Piotto Martial, Bourdonneau Maryse, Bianco Alberto, Guichard Gilles, Limal David, Briand Jean-Paul.
- P221** Mass spectrometry in analysis of peptide syntheses on solid support
Enjalbal Christine*, Maux Delphine, Martinez Jean, Aubagnac Jean-Louis.
- P222** Postsource decay (PSD) analysis of peptides containing reduced bond by matrix-assisted laser-desorption-ionization time-of-flight (MALDI-TOF) mass spectrometry
Galeotti Nathalie*.
- P223** Validation of a GC-MS method for determination of the optical purity of peptides
Gerhardt J, Nicholson G J.
- P224** Zinc(II) binding to cysteine rich domain peptides of KSR - a capillary electrophoresis study
Guszczynski Tad, Copeland Terry D*.
- P225** Quantitative determination of R,S,S-enalapril in enalapril maleate
Hänsicke André, Berg Simone, Dubsky Bärbel, Gsell Catharina, Nagel Thomas.
- P226** Structure-enantioselectivity relationship of cyclohexapeptides for chiral capillary electrophoresis
Marinzi C, Chiari M, Consonni R, Longhi R*.
- P227** An integrated approach to automated high throughput protein identification by 2D gel electrophoresis and mass spectrometry
McDowall M*.
- P228** Intramolecularly quenched fluorogenic peptide substrates for cathepsin B
Nawrocka Magda, Tokmina Monika, Wiczak Wieslaw, Stachowiak Krystyna*.
- P229** Development of a new isothiocyanate-based chiral derivatizing agent for amino acids
Peter Antal*, Peter Maria, Fulop Ferenc, Toth Geza.
- P230** Impurity detection in solid phase organic chemistry: scope and limits of HR MAS NMR
Rousselot-Pailley Pierre*, Maux Delphine, Wieruszeski Jean_michel, Aubagnac Jean-Louis, Martinez Jean, Lippens Guy.
- P231** Analysis of cyclohexapeptides with ESI-FT-ICR-Mass spectrometry
Schmid D G*, Bandel H, Wiesmüller K-H, Jung G.

Analytical and Biophysical Methods

Topic B12: Analytical Methodologies

- P232** Synthesis of new ligand-exchange chiral stationary phases derived from N-nonyl-(S)-aminoalcohol selectors and their application to resolution of racemic amino acids by HPLC
Sliwka Magdalena*, Kolodziejczyk Aleksander.
- P233** A rapid method for estimating the binding of ligands to ELISA microwells
Steinitz Michael*.
- P234** Peptide scanning approach to the studies of protein-protein interactions in monooxygenase systems
Toropyguine Iliia Yu*, Ivanov Yu D, Moshkovskii S A, Sevrioukova I F, Kolesanova E F, Poulos T L, Archakov A I.
- P235** LasA specificity : use of CE and LSIMS for studying hydrolysis of elastin peptides
Vessillier Sandrine, Bernillon Jacques, Wallach Jean, Saulnier Joëlle*.
- P236** The mass spectral analysis of N-terminal and side-chain protected peptides
White Jonathan M*, Greene Reagan J, Hasan Aisha, Lambert Dennis.
- P237** Unravelling the Australian Funnel-web spider complex venom cocktail
Wilson David T*, Alewood Paul F.
- OC27** Subnanomolar-scale methods for derivatization of peptides for sequence analysis by MALDI-TOF MS
Jouin Patrick*, Galeotti Nathalie, Pascal Robert.
- OC28** Quantitative analysis of complex peptide reaction systems by mass spectrometry
Weber Peter J A*, Chavochi-Negad Asad, Ghadiri M Reza.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P238** Oxy- and sulfoguanidino analogues of histamine. Synthesis and biological activities
Angelov Todor, Pajpanova Tamara*, Golovinsky Evgeny.
- P239** Efficient solid phase synthesis and biological evaluation of destruxin A and related analogs
Ast Thomas*, Barron Ed, Kinne Lyle, Schmidt Margit, Germeroth Lothar, Simmons Kirk, Wenschuh Holger.
- P240** Synthesis of peptidic tuftsin analogues containing N-hydroxy-L-arginine derivatives
Bakouboula Prissile*, Fulcrand Pierre, Martinez Jean.
- P241** Oxytocin antagonists containing novel conformationally constrained amino acids in position two
Bakos Krisztina, Gera Lajos, Stewart John M, Havass Judit, Falkay George, Toth Gabor K*.
- P242** Effects of synthetic Galanins (GALs) and their fragments on the contractile action and on the release of acetylcholine (ACh) in rat brain: some structure-activity relationships
Balaspiri Lajos*, Janaky Tamas, Toth Gabor K, Blazso Gabor, Mak Marianna, Kasa Peter.
- P243** Single mutation in stroma cell-derived factor-1 α abrogates binding to heparin
Baleux Françoise*, Sadir Rabia, Lortat-Jacob Hugues.
- P244** Pyroglutamic fragments of oxytocin (OT), vasopressin (AVP) and desmopressin with L-ornithine in position 6
Barth Tomislav*, Velek Jiri, Jezek Jan, Patocka Jiri, Koupilova Marie, Velkova Vlasta, Barthova Jana, Hauzerova Linda, Ubik Karel, Kasicka Vaclav.
- P245** Examining the influence on conformation and biological activity of penicillamine⁶-5-tert-butylproline⁷ in oxytocin analogues
Bélec Laurent*, Slaninova Jirina, Lubell William D.
- P246** Vasopressin V₂ agonists and antagonists: design, synthesis and activities
Ben Mimoun Mohamed, Derick Sylvain*, Andres Miriam, Guillon Gilles, Wo Nga Ching, Chan W Y, Stoev Stoytcho, Cheng Lingling, Manning Maurice.
- P247** A role for the linker between two binding sites of single-chain peptide hormone in receptor interaction
Beyermann Michael, Rothermund Sven, Heinrich Nadja, Fechner Klaus, Furket Jens, Dathe Margitta, Winter Rüdiger, Krause Eberhard, Bienert Michael*.
- P248** The S'-region of hepatitis C virus NS3/4A protease as a drug target
Bianchi E*, Ingallinella P, Ingenito R, Steinkühler C, Altamura S, Pessi A.
- P249** Cellular uptake of an antisense oligonucleotide conjugated and complexed with peptides derived from an α -helical amphipathic model peptide
Birth Petra*, Oksche Alexander, Bienert Michael, Oehlke Johannes.
- P250** Design, synthesis and antithrombotic activity of cyclic RGD analogues
Bizos Georgios, Eleftheriadis Damianos, Kouki Aggeliki, Panou-Pomonis Eugenia, Sakarellos-Daitsiotis Maria, Sakarellos Constantinos, Tsoukatos Demokritos, Tsikaris Vassilios*.
- P251** Comparison of the properties of linear cationic antimicrobial peptides that form alpha-helix vs. beta-sheet structure
Blazyk Jack*, Wiegand Russell, Hammer Janet, Jin Yi, Zhang Yu, Zhu Fang, Maloy W Lee, Kari U Prasad.
- P252** A novel group of peptidic biological response modifiers
Blishchenko Elena Yu*, Karelin Andrei A, Ivanov Vadim T.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P253** Structure/activity relationship of the antibiotic nucleotide-peptide microcin C51
Blond Alain, Goulard Christophe, Fomenko Dimitri E, Metlitskaya Anastasia Z, Péduzzi Jean, Barthélémy Michel, Katrukha Guenrikh S, Khmel Inessa A, Rebuffat Sylvie*.
- P254** A structure-activity study of dynorphin-(1-13)-peptide amide. Synthesis of analogues with unusual amino acids in positions 0, 2, 3, 4
Bobrova Irina, Goodman Murrey, DeHaven Robert N, Daubert Jeffrey D, Johansson LarsErik, Neumuller Magnus, Terenius Lars.
- P255** Involvement of endogeneous nitric oxide in nociception of newly synthesized analogues of melanocyte-inhibiting factor in acute pain in the rats spinal
Bocheva Adriana*, Pajpanova Tamara, Lazarova-Bakarova Maria, Przewlowska Barbara.
- P256** Synthesis and spectroscopic characterisation of tryptophan containing peptides labelled with 4-ethoxy-methylene-2-[1]-naphthyl-5(4H)-oxazolone or 4-[7-hydroxycoumaryl]acetic acid
Bősze Szilvia, Csik Gabriella, Illyes Eszter, Koczan György, Sebestyen Ferenc, Hudecz Ferenc.
- P257** Peptidic analogues of chemokine RANTES : synthesis and activity
Boulègue Cyril*, Pascal Robert, Jouin Patrick.
- P258** Levocabastine-neurotensin conjugates : an investigation of the message-address concept for neurotensin receptors
Brecx Valérie*, Couder Jacqueline, Leysen Josée E, Tourwé Dirk.
- P259** Synthesis, characterization and biological relevance of a new class of constrained heterocycles for drug design
Brunel Florence*, Wittliff James L, Spatola Arno F.
- P260** Monocyclic analogs of mast cell degranulating peptide
Buku Angeliki*, Price Joseph A.
- P261** A fluorescence and CD study on the interaction with phospholipid vesicles of a synthetic immunogenic peptide analogue of mt1 melatonin receptor N-terminal extracellular sequence
Calderan Andrea*, Ruzza Paolo, Ancona Biancamaria, Bontempo Daniela, Giusti Pietro, Borin Gianfranco.
- P262** Synthesis, physicochemical characterisation and biological activity of thrombospondin peptide derivatives
Cebrian Juan*, Grau-Oliete M R, Haro Isabel, Reig Francesca, Ribera-Fillat M P.
- P263** Cysteine proteinase inhibitors based on their propeptide interaction model : a retroenantiomer approach
Chagas J R*, Del Nery E, Juliano M A, Juliano L.
- P264** Evaluation of the RXP407 potency and selectivity, a N-domain selective inhibitor of human ACE, on rat and mice ACE
Cotton Joël*, Vazeux Gilles, Cuniasse Philippe, Dive Vincent.
- P265** Coupling of human VPAC1 receptor for VIP to adenylyl cyclase : implication of multiple intracellular domains
Couvineau Alain, Rouyer-Fessard Christiane, Maoret Jean José, Laburthe Marc.
- P266** Pharmacological study of constrained analogues of bombesin
Cristau Michèle*, Fehrentz Jean-Alain, Amblard Muriel, Bernad Nicole, Bergé Gilbert, Martinez Jean.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P267** Structure-activity analysis of truncated orexin-A analogues at the orexin-1 receptor
Darker John G*, Porter Rod A, Eggleston Drake S, Smart Darren, Brough Stephen J, Sabido-David Cibele, Jerman Jeffrey C.
- P268** Agonist activity at the kinin B₁ receptor : structural requirements of the central tetrapeptide
Di Fenza Armida*, Meini Stefania, Quartara Laura, Maggi Carlo A, Formaggio Fernando, Toniolo Claudio, Rovero Paolo.
- P269** Neuropeptide Y analogues, that contain spin- and fluorescent-labelled amino acids selectively bind to Y-receptors
Dinger Michaela*, Bettio Andrea, Toniolo Claudio, Beck-Sickinger Annette G.
- P270** Fluorescent oxytocin agonists and antagonists: design, synthesis and activities
Durrux Thierry, Mouillac Bernard, Seyer René, Balestre Marie-Noëlle, Terrillon Sonia, Taulan Magali, Widmer Héléne, Barberis Claude*, Cheng Lingling, Stoev Stoytcho, Manning Maurice.
- P271** Synthesis, ¹H-NMR structure and activity of a three disulfide-bridged maurotoxin analog designed to restore the consensus motif of scorpion toxins
Fajloun Ziad, Ferrat Gilles, Carlier Edmond, Fathallah Mohamed, Lecomte Catherine, Sandoz Guillaume, di Luccio Eric, Mabrouk Kamel, Legros Christian, Darbon Hervé, Rochat Hervé, Sabatier Jean-Marc, De Waard Michel*.
- P272** Chemical synthesis and characterization of maurocalcine, a scorpion toxin that activates CA²⁺ release channel/ryanodine receptors
Fajloun Ziad*, Kharrat Ryadh, Di Luccio Eric, Chen Lili, Lecomte Catherine, Bichet Delphine, El Ayeb Mohamed, Rochat Hervé, Allen Paul D, Pessah Isaac, De Waard Michel, Sabatier Jean-Marc.
- P273** Venomous chimeric secretagogues
Farquhar Michelle, Soomets Ursel, Brown Colin, Martin Ashley, Bates Ruth, Langel Ulo, Howl John.
- P274** Modulation of spontaneous activity of mouse neuromuscular synapse by peptide allatostatin
Gaydukov Alexander E*, Balezina Olga P.
- P275** Opposite modulation of evoked postsynaptic currents in crab by the peptides proctolin and allatostatin
Gaydukov Alexander E*, Balezina Olga P, Rathmayer Werner.
- P276** Biological activity of melanocyte growth-inhibiting tripeptide in vivo
Gembitsky Dmitry S*, DeAngelis Paula, Reichelt Karl, Elgjo Kjell.
- P277** Bradykinin related compounds having improved anti-cancer activity in vivo compared to cisplatin and SU5416
Gera Lajos*, Chan Daniel C, Helfrich Barbara, Bunn, Jr Paul A, York Eunice J, Stewart John M.
- P278** Biosensor analysis in the improvement of antigenicity of peptides from C-S30 foot-and-mouth disease virus
Gomes Paula*, Giralto Ernest, Andreu David.
- P279** Rational design of new bioactive lipopeptides : structure-activity relationships, biosynthesis and applications
Grangemard-Moineau Isabelle*, Peypoux Françoise, Bonmatin Jean-Marc.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P280** Synthesis and conformational studies of cyclic peptides with antagonist activity at melanocortin 3 and 4 receptors
Grieco Paolo*, Novellino Ettore, Greco Giovanni, Weinberg David, MacNeil Tanya, Hruby Victor J..
- P281** Reduced bond analogs of neuropeptide PACAP
Gros C*, Galéotti N, Pascal R, Jouin P.
- P282** Structure-functional similarity of the brain peptide cyclo-Pro-Gly and nootropic drug piracetam
Gudasheva Tatiana*, Ostrovskaya Rita, Voronina Tatiana, Seredenin Sergei.
- P283** Design, synthesis and biological evaluation of a novel series of growth hormone secretagogues
Guerlavais Vincent*, Fehrentz Jean-Alain, Deghenghi Romano, Locatelli Vittorio, Martinez Jean.
- P284** Increased antibacterial activity of 15-residues bovine lactoferricin derivatives employing non-coded aromatic amino acids
Haug Bengt Erik*, Svendsen John Sigurd.
- P285** A novel method for characterizing and optimizing peptide inhibitor/protease interactions using spot synthesis
Hilpert Kai*, Hansen Gerd, Wessner Helga, Schneider-Mergener Jens, Höhne Wolfgang.
- P286** Insect oostatic peptides containing cyclic and isosteric structures
Hlavacek Jan*, Marik Jan, Budesinsky Milos, Kasicka Vaclav, Bennettova Blanka, Tykva Richard.
- P287** Structural comparisons of α -conotoxins: nicotinic acetylcholine receptor blockers
Janes Robert W*.
- P288** Sequences of stilboflavins B, peptaibol antibiotics from the mold stilbella flavipes
Jaworski Andreas, Brückner Hans*.
- P289** Peptidyl aldehydes based on N-terminal binding fragments of cystatins as cathepsins inhibitors
Kasprzykowska Regina*, Kasprzykowski Franciszek, Rutkowska Katarzyna, Grubb Anders.
- P290** Inhibition of serine proteases and neuronal calcium channels by locust peptides
Kellenberger C*, Kaneko S, Luu B.
- P291** Decapeptide that can cure prostatic cancer ?
Kele Péter*, Krishan Awtar, Leblanc Roger M.
- P292** Synthesis of substance P C-terminal analogs and studies of their antiproliferative activity in vitro
Korakakis George*, Magafa Vassiliki, Liakopoulou-Kyriakides Maria, Kortsaris Alekos, Stavropoulos George*.
- P293** Engineering of bacterial surface for enhanced bioaccumulation of heavy metals
Kotrba Pavel, Saldova Radka, Bohuslavova Romana, Rumlova Michaela, Doleckova Lucie*, Ruml Tomas.
- P294** Antimicrobial activity and structural study of two class II bacteriocins : mesenterocin 52B and leucocin B-33A
Krier François, Corbier Catherine*, Vitoux Bernard, Revol Anne-Marie.
- P295** Inhibition of human multidrug resistance P-glycoprotein 1 by analogues of the potent δ -opioid antagonist, Dmt-Tic
Lazarus Lawrence H*, Lovekamp Tara, Cooper Peter S, Hardison Jenny, Bryant Sharon D, Guerrini Remo, Balboni Gianfranco, Salvadori Severo.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P296** QSAR analysis of trypanosomal cysteine proteases : investigation of the S2 subsite through the use of Phe analogs
Lecaille Fabien*, Mavel Sylvie, Moreau Thierry, Serveau Carole, Desmazes Claire, Gauthier Francis, Lalmanach Gilles.
- P297** Analogues of oxytocin conformationally restricted in the N-terminal part of the molecule
Lempicka Elzbieta*, Derdowska Izabela, Lammel Bernard, Staninova Jirina.
- P298** S-CH₂-S cyclized analogues of angiotensin II
Lindman Susanna*, Lindelberg Gunnar, Karlen Anders, Hallberg Anders.
- P299** Biologically active peptide from human leukemia differentiation factor. Identification and properties.
Lipkin Valery M*, Kostanyan Irina A, Astapova Marija V, Bogachuk Anna P, Dranitsyna Svetlana M, Molotkovskaja Irina M, Lepekhova Tatjana N, Navolotskaja Elena V, Rodionov I L, Telegin G B.
- P300** Identification of an hexapeptide with specific activity against phytopathogenic fungi
Lopez-Garcia Belen*, Gonzalez-Candelas Luis, Marcos Jose F, Perez-Paya Enrique.
- P301** Isolation and partial characterization of bradykinin-potentiating peptides from Bothrops erythromelas snake venom
Luna K P O*, Maia M B S, Aird S D, Guarnieri M C G.
- P302** Protein-based detection of anti-filaggrin antibodies in reumatoid arthritis
Magyar Anna*, Uray Katalina, Szakonyi Jozsef, Brozik Marta, Rojkovich Bernadette, Gergely Peter, Hudecz Ferenc.
- P303** Molecular aspects of thrombin-induced angiogenesis
Matsoukas John, Maragoudakis Michael E, Vlahakos Demetrios, Fatseas Panagiotis, Mutule Ilze, Mutule Ilga, Keivish Tatiana, Poleyeva Ludmila*.
- P304** Synthesis of C-terminal domain sequences of tissue inhibitor of metalloproteinase-1 for structure biological activity relationship investigations
Mihala Nikolett*, Bodi Jozsef, Süli-Vargha Helga.
- P305** Studies on interaction of Delta Sleep Inducing Peptide with biological membranes in vitro
Mikhaleva Inessa*, Prudchenko Igor, Richireva Galina, Kopylovsky Sergei, Golubev Igor.
- P306** Design, synthesis and biological activity of novel analogues of the fragment 227-237 of glycoprotein IIb membrane
Mondeshki Mihail, Pencheva Nevena, Vezenkov Ljubomir.
- P307** Analogues of chemotactic peptides containing fluorinated amino acids
Moroni Maurizio*, Koksche Beate, Burger Klaus.
- P308** Design and synthesis of an essential phosphorylation-site domain of human CDC25C which interacts with both 14-3-3 and cyclins
Morris May C, Mery Jean, Heitz Annie, Heitz Frédéric, Divita Gilles*.
- P309** Effects of mono- and bicyclic analogues of human parathyroid hormone on bone growth and mechanical strength in rat
Morley Paul, Whitfield James F, Willick Gordon E*, Ross Virginia, MacLean Susanne, Barbier Jean-René, Andreassen Troels T.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P310** 2D-NMR and MD studies of complementary peptides to B and T-cell epitopes of the La/SSB autoantigen for immunoregulation in Sjogren's syndrome (pSS)
Mouliia Avriila, Hemmerlin Christine*, Tsikaris Vassilios, Sakarellos-Daitsiotis Maria, Sakarellos Constantinos, Tzioufas Athanasios G, Moutsopoulos Haralampos M, Cung Manh-Thong.
- P311** Analysis of antimicrobial peptide-membrane interactions using biosensor technology with monolayer and bilayer model membranes
Mozsolits Henriette*, Aguilar Marie-Isabel.
- P312** Solid phase synthesis of the immunomodulant marine cyclopeptide hymenaide C.
Napolitano Assunta*, Bruno Ines, Rovero Paolo, Gomez-Paloma Luigi, Riccio Raffaele.
- P313** Factor Xa inhibitors, analogues of tick anticoagulant peptides
Naydenova Emilia*, Vezenkov Ljubomir, Pencheva Nevena.
- P314** Macrophage chemotaxis induced by elastin-derived hexapeptides and its signal transduction mechanism
Okamoto Kouji*, Briones Maria Portia P, Kamisato Satsuki, Maeda Iori, Takami Noboru.
- P315** Plasmin inhibitor, YO-2, induces apoptosis of tumor cell lines through caspase-3 activation
Okada Yoshio*, Tsuda Yuko, Wanaka Keiko, Okamoto Utako, Okamoto Shosuke, Keri Gyorgy, Szende Bela.
- P316** Synthesis and pharmacological evaluation of new plasma and tissue kallikrein inhibitors
Olivier Christophe*, Amblard Muriel, Bergé Gilbert, Dodey Pierre, Martinez Jean.
- P317** Investigation of monoclonal antibody polyspecificity with synthetic peptide libraries, phage display and crystallographic analyses
Otte Livia*, Ivascu Claudia, Kramer Achim, Schuwirth Barbara, Dong Liying, Keitel Thomas, Hoehne Wolfgang, Schneider-Mergener Jens.
- P318** Silver (I) -oxyde assistance in the formation of gamma lactams
Otvos Ferenc*, Toth Géza, Dombi György.
- P319** Synthesis and effects of compounds structurally related to melanocyte-inhibiting factor on nociception
Pancheva Svetlana*, Pajpanova Tamara, Bocheva Adriana, Lazarova-Bakarova Maria.
- P320** Biologically active lipopolysaccharide binding peptides derived from a conformationally defined hairpin based peptide library
Pastor M. Teresa*, Gonzalez-Navarro Herminia, Perez-Paya Enrique.
- P321** Synthesis of some oligopeptides for ligand-receptor possibility of interactions investigation
Pawlowski M*, Zajdel P, Fehrentz J A, Martinez J.
- P322** Structure-function relationship studies on analogs of the 1-34 fragment of parathyroid hormone (PTH) containing β -alanine residues
Peggion Evaristo, Mammi Stefano, Schievano Elisabetta, Silvestri Laura, Chorev Michael*, Schiebler Lukas, Rosenblatt Michael.
- P323** Antimicrobial polypeptides structurally based on the sequence of the bactericidal domain P18-39 of aprotinin
Pellegrini Antonio*, Thomas Ursula, von Fellenberg Roland.
- P324** Synthetic approach to delineate a functional region in fasciculin
Pena Clara*, Gornalusse German G, Falkenstein Roberto J.

Structure-Activity Studies - New Peptides

Topic C13: Bioactive Peptides

- P325** New bradykinin analogues in contraction of rat uterus
Prahl Adam*, Lammek Bernard, Trzeciak Henryk I.
- P326** Synthesis of modified phenylalanine bioisosteres : their use for the design of HIV inhibitors
Priem G*, Courcambeck J, De Michelis C, Rocheblave L, Meyer M, Chermann J C, Kraus J L.
- P327** High throughput screening assay for the identification of protease substrates
Reineke Ulrich*, Kurzhals Doreen, Köhler Anja, Blex Christian, McCarthy John, Li Peng, Germeroth Lothar, Schneider-Mergener Jens.
- P328** Syntheses of new HIV protease inhibitors containing a novel (2-phenylsulfanyl-1-hydroxyethyl) amide isostere
Rocheblave L*, Priem G, Courcambeck J, De Michelis C, Roussel C, Chermann J C, Kraus J L.
- P329** Tryptophan-rich integrase inhibitory peptides and peptidomimetics
Roller Peter P*, Long Ya-Qiu, Lung Feng-Di, Pommier Yves, Neamati Nouri.
- P330** Effect on human platelet aggregation in vitro of RGD analogs incorporating moiety of salicylic-derivatives
Sarigiannis Yiannis, Stavropoulos George*, Magafa Vassiliki, Liakopoulou-Kyriakides Maria, Garypidou Lina.
- P331** Targeting extracellular cathepsin B by effector-functionalized endo-epoxysuccinyl peptides
Schaschke Norbert*, Assfalg-Machleidt Irmgard, Machleidt Werner, Laßleben Thomas, Sommerhoff Christian P, Moroder Luis.
- P332** Opioid activity profiles of TIPP-related peptides containing 2'-hydroxy,6'-methyltyrosine (HMT) in place of Tyr¹
Schiller Peter W*, Berezowska Irena, Weltrowska Grazyna, Lemieux Carole, Chung Nga N.
- P333** New μ opioid receptor antagonists resulting from Tyr¹ modification of cyclic casomorphin analogs
Schmidt Ralf*, Carpenter Katharine, St. Onge Stephane, Labarre Maryse, Payza Kemal, Menard Daniel, N.Chung Nga, Wilkes Brian C, Schiller Peter W.
- P334** Structure-activity studies with melanin-concentrating hormone (MCH), a regulator of food-intake behaviour
Schlumberger Sophie, Talke-Messerer Christiane, Jäggin Vreni, Tanner Heidi, Eberle Alex N*.
- P335** A fluorescent and photoreactive vasopressin linear antagonist
Seyer René*, Mouillac Bernard, Durroux Thierry, Barberis Claude.
- P336** The discovery of novel orally active dual NK1 NK2 antagonist ZD 2249
Shenvi A*, Bernstein P, Ohnmacht C, Albert J, Hill D, Green R, Shen L, Stollman D, Dembofsky B, Andisik D, Dedinas R, Sherwood S, Koether G, Kosmider B, Davenport T, Kirkland K, Potts W, Bialecki R, Aharony D, Rumsey W, Russell K
- P337** Isolation and characterization of insulin from the brockmann body of "dissostichus mawsoni" an antarctic teleost
Smith D. David*, Bachle Laural A, Petzel David H.
- P338** Blocking the N-terminus of calcitonin gene-related peptide (8-37) produces high affinity antagonists
Smith D. David*, Saha Shankar, Waugh David J J, Abel Peter W.