

Curriculum Vitae

Personal Information

Name / Surname **Michele Biagioli; BGLMHL86L29D786P**

Address Via della Chiesa Nuova 1; 06072 Mercatello (PG)

Phone +39 0755858049, +39 3282924059

E-mail michele.biagioli@unipg.it

Nationality Italian

Date of birth 29/07/1986



Work experience

Dates March, 2021 – Present

Member of the Editorial Board of Frontiers in Pharmacology - Section of Experimental Pharmacology and Drug Discovery

Name and type of business Frontiers in Pharmacology

Dates January, 2021 – Present

Member of the Editorial Board of Frontiers in Pharmacology - Gastrointestinal and Hepatic Pharmacology

Name and type of business Frontiers in Pharmacology

Dates December, 2020 – Present

Member of the Journal Topics Board

Name and type of business Nutrients

Dates December, 13th 2021 – Present

Fixed-term research assistant (RTD-A)

Name and type of business Contract as fixed-term research assistant (RTD-A) at the Università degli Studi di Perugia. SC 06/D4 – Skin, infectious and gastrointestinal diseases. SSD MED/12 – Gastroenterology. Faculty Advisor Professor Stefano Fiorucci.

Main activities and professional skills acquired The main object of the research activity is "Evaluation of the role of FXR, GPBAR1 and LXR bile acids receptors in inflammation and metabolism regulation of hepatic and gastrointestinal metabolic and immunological diseases".

Dates June, 15th 2021 – December, 15th 2021

Term-contract worker (Continuous and coordinated contractual relationship)

Name and type of business Contract stipulated with PRECISION BIO-THERAPEUTICS S.R.L. (in short PRE BIOT S.R.L.) with registered office in Perugia, Viale Centova 6 – Fiscal Code/VAT number in the person of the legal representative Professor Stefano Fiorucci.

| | |
|--|---|
| Main activities and professional skills acquired | The main object of the research activity is the <i>in vitro</i> development of novel composites with dual activity as reverse agonist of ROR γ t receptor and agonist of bile acids receptors (BARs). |
| Dates | June, 15 th 2020 – June, 14 th 2021 Grant for research activity collaboration (Research Grant) |
| Name and type of business | Contract stipulated at the Università degli Studi di Perugia, Department of Surgical and Biomedical Sciences, Section of Gastroenterology, Faculty Advisor Professor Stefano Fiorucci. |
| Main activities and professional skills acquired | The research activity falls within the PRIN 2017 project, coordinated by Professor Stefano Fiorucci, entitled: "Receptors activated by bile acids and hepatic metabolism: discovery and development of novel therapeutic targets for the treatment of steatohepatitis (NASH)". |
| Dates | April, 2020 – June, 2020 Term-contract worker (Continuous and coordinated contractual relationship) |
| Name and type of business | Contract stipulated with PRECISION BIO-THERAPEUTICS S.R.L. (in short PRE BIOT S.R.L.) with registered office in Perugia, Viale Centova 6 – Fiscal Code/VAT number in the person of the legal representative Professor Stefano Fiorucci. |
| Main activities and professional skills acquired | The main object of the research activity is the <i>in vitro</i> development of novel composites with dual activity as reverse agonist of ROR γ t receptor and agonist of bile acids receptors (BARs). |
| Dates | April, 3 rd 2017 – April, 3 rd 2020 Fixed-term research assistant (RTD-A) |
| Name and type of business | Contract as fixed-term research assistant (RTD-A) at the Università degli Studi di Perugia. SC 06/D4 – Skin, infectious and gastrointestinal diseases. SSD MED/12 – Gastroenterology. Faculty Advisor Professor Stefano Fiorucci. |
| Main activities and professional skills acquired | The main object of the research activity is "Development of CRISPER technique in the treatment of inflammatory, neurological and degenerative human diseases". This technique has been studied for postnatal modification of the mutated gene involved in Duchenne Muscular Dystrophy (DMD) in order to set up a protocol able to use CRISPR/Cas9 technology to treat DMD in adult <i>mdx</i> mice. |
| Dates | April, 14 th 2016 – April, 1 st 2017 Post lauream Research Fellowship |
| Name and type of business | The Research Fellowship is funded by BAR Pharmaceuticals s.r.l. Company for a 15-month research activity, at the Università degli Studi di Perugia, Department of Surgical and Biomedical Sciences, Gastroenterology laboratories of Professor Stefano Fiorucci. |
| Main activities and professional skills acquired | The project title is "Novel activators of TGR5: <i>in vivo</i> and <i>in vitro</i> studies". In performing the project, multiple techniques have been used, including animal models of hepatic and intestinal inflammatory diseases, IC-FACS for the characterization of diverse inflammatory cell populations, qPCR, Array and CRISPR. |
| Dates | January, 2 nd 2015 – January, 2 nd 2016 Research Fellowship SIF |
| Name and type of business | The Research Fellowship is assigned by Italian Society of Pharmacology (Società Italiana di Farmacologia, SIF) and the research activity is carried out at the Università degli Studi di Perugia, Department of Medicine, Section of Pharmacology, under the supervision of Professor Carlo Riccardi. |
| Main activities and professional skills acquired | The project, entitled "Role of Glucocorticoid-Induced Leucine Zipper (GILZ) in B cell development and growth", had as main object of study the role of GILZ gene in B cells by using total KO mice for the gene in question and cKO CD19 mice for GILZ (the gene is deleted specifically in B cells). Results obtained from the project showed that GILZ gene is important in mechanisms regulating B cells survival and this brought to the publication of an article entitled "Lack of Glucocorticoid-induced leucine zipper (GILZ) deregulates B cell survival and results in B cell lymphocytosis in mice" on the scientific journal <i>Blood</i> . In performing the project, multiple techniques are used, including qPCR, IC-FACS, IF, WB, ELISA and DNA microarray. |

| Integrative teaching activity | |
|--------------------------------------|---|
| Dates | Academic Year 2019/2020 Professional placement in Gastroenterology 10 hours of official didactic (Co-teaching; Teacher in charge: Prof. Stefano Fiorucci) Teaching: Sistematic Pathology VI Course: Medicine and Surgery Site of the University: Perugia Credits:1 Disciplinary sector: MED/12 |
| Dates | Academic Year 2018/2019 Professional placement in Gastroenterology 10 hours of official didactic (Co-teaching; Teacher in charge: Prof. Stefano Fiorucci) Teaching: Sistematic Pathology VI Course: Medicine and Surgery Site of the University: Perugia Credits:1 Disciplinary sector: MED/12 |
| Dates | Academic Year 2017/2018 Support activity in Gastroenterology teaching in Food Science and Human Nutrition (Scienze dell'Alimentazione e della Nutrizione Umana, SANU) Master's Degree, Prof. Stefano Fiorucci, Università degli Studi di Perugia |
| Dates | Academic Year 2016/2017 Support activity in Gastroenterology teaching in Food Science and Human Nutrition (Scienze dell'Alimentazione e della Nutrizione Umana, SANU) Master's Degree, Prof. Stefano Fiorucci, Università degli Studi di Perugia |
| Dates | Academic Year 2014/2015 During the Academic Year 2014/2015 was part of the Examining Board of Pharmacology teaching, Bachelor's Degree in Biotechnology, Prof. Stefano Bruscoli, Università degli Studi di Perugia |
| Dates | Academic Year 2014/2015 Support activity in Pharmacology teaching, Bachelor's Degree in Biotechnology, Prof. Stefano Bruscoli, Università degli Studi di Perugia |
| Dates | Academic Year 2011/2012 Support activity in Pharmacology teaching, Bachelor's Degree in Biotechnology, Prof. Stefano Bruscoli, Università degli Studi di Perugia |
| Education and Training | |
| Dates | April, 21 st 2021 |
| Title of qualification awarded | Membership in the Italian Association of Professional Biologists (Ordine Nazionale dei Biologi, Albo – Sezione A), membership number AA_089156 |

| | |
|--|--|
| Name and type of organization providing education and training | Ordine Nazionale dei Biologi |
| Dates | July, 2019 |
| Title of qualification awarded | Qualified as Biologist |
| Name and type of organization providing education and training | State examination to obtain the qualification to work as biologist on the national territory was held at the Università degli Studi della Tuscia |
| Dates | November, 2018 – December, 2018 |
| Title of qualification awarded | Training course "Laboratories of communication techniques for teachers" |
| Name and type of organization providing education and training | The training course was instituted by the Università degli Studi di Perugia within the project "Progetto PRO3-azione B4", held by Dott. Nicola Donti, Università degli Studi di Perugia, total duration: 16 hours. |
| Dates | January, 2012 – December, 2014 |
| Title of qualification awarded | PhD in "Experimental Medicine" XXVII cycle, discussed on January, 26th 2015 |
| Name and type of organization providing education and training | The PhD was instituted by the Università degli Studi di Messina and the research activity was carried out in collaboration with the laboratories of the Università degli Studi di Perugia, Department of Clinical and Experimental Medicine, Section of Pharmacology, Toxicology and Chemotherapy, Professor Carlo Riccardi. |
| Main activities and professional skills acquired | The PhD in Experimental Medicine has the main aim to transmit to the candidates methodological, technical and experimental basis to obtain a wider knowledge in Biochemistry, Molecular Genetics, Clinical Pathology, Microbiology, Immunopathology, Pharmacology and Toxicology as well as to confer them all the skills and the abilities needed to perform autonomously research activities in pre-clinical, clinical and post-marketing areas. |
| Dates | September, 2011 |
| Title of qualification awarded | Training course "Correct approach Animal Testing activity" |
| Name and type of organization providing education and training | Service center central enclosure (Centro servizi stabulario centralizzato), Università di Perugia |
| Main activities and professional skills acquired | Ethic, Legislation, small laboratory animal biology, animal management and maintenance techniques, environmental enrichment in rodents maintenance, mouse and rat pathologies, immunocompromised animal models, experimental design in studies with animals, animal wellness evaluation during experimentation, basics of applied statistics, genetics: standardization and naming, embryonal manipulation techniques, animal restraint handling and treatment techniques, basics of anesthesia, basal surgery techniques. |
| Dates | September, 2008 – July, 2011 |
| Title of qualification awarded | Master's Degree in Medical Biotechnologies, final grade: 110/110 with honors |
| Name and type of organization providing education and training | Università degli Studi di Perugia |
| Main activities and professional skills acquired | Clinical Biochemistry, Chemotherapy, Blood Diseases, Microbiology and Clinical Microbiology, Infectious Diseases, Molecular Parasitology, Anatomy – Histology – Physiology, Anatomical Pathology, Endocrinology, Genetics, General Pathology and Immunology, Pharmacology and Toxicology, Oncology, Internal Medicine, Gastroenterology, etc. Training course at the Department of Experimental and Clinical Medicine, Section of Pharmacology, Toxicology and Chemotherapy, research group: Prof. Carlo Riccardi and Prof.ssa Graziella Migliorati. 1-year experimental thesis at the Department of Experimental and Clinical Medicine, Section of Pharmacology, Toxicology and Chemotherapy, research group: Prof. Carlo Riccardi and Prof.ssa Graziella Migliorati. Graduation exam held on July, 13 th 2011. Title of the thesis: "Generation of knock-out (KO) murine model for the Glucocorticoid-Induced-Leucine-Zipper (GILZ) gene". Supervisors: Dott. Stefano Bruscoli and Dott.ssa Simona Ronchetti, Department of Experimental and Clinical Medicine, Section of Pharmacology, Toxicology and Chemotherapy. |

| | |
|--|---|
| Dates | September, 2005 – February, 2009 |
| Title of qualification awarded | Bachelor's Degree in Biotechnology, Medical Curriculum, final grade: 103/110 |
| Name and type of organization providing education and training | Università degli Studi di Perugia |
| Main activities and professional skills acquired | <p>General and Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Biochemistry, Cellular and Systematic Biochemistry, Safety and Prevention in Laboratory, Mathematics, Physics, Biology, Molecular Biology, English, Bioinformatics, Statistical and Mathematical Sciences, Law, Business Administration, Pharmacology, Microbiology and Virology, Clinical Microbiology, Genetics, Histology and Human Embryology, Human Anatomy, Physiology, General Pathology, Immunology, etc.</p> <p>Training course at the Department of Experimental and Clinical Medicine, Section of Pharmacology, Toxicology and Chemotherapy, research group: Prof. Carlo Riccardi and Prof.ssa Graziella Migliorati. 6-month experimental thesis at the Department of Experimental and Clinical Medicine, Section of Pharmacology, Toxicology and Chemotherapy, research group: Prof. Carlo Riccardi and Prof.ssa Graziella Migliorati.</p> <p>Graduation exam held on February, 17th 2009. Title of the thesis: "Generation of the fusion protein TAT-L-GILZ-GST".</p> <p>Supervisors: Dott. Stefano Bruscoli Department of Experimental and Clinical Medicine, Section of Pharmacology, Toxicology and Chemotherapy.</p> |
| Dates | September, 2000 – June, 2005 |
| Title of qualification awarded | High School Scientific Diploma , final grade 85/100 |
| Name and type of organization providing education and training | Liceo Scientifico "G. Alessi", Perugia (Pg) |
| Personal skills and competences | |
| Mother tongue | Italian |
| Other language | English |
| Self-evaluation | |
| Reading | Excellent |
| Writing | Good |
| Speaking | Good |
| Organizational skills and competences | Thanks to my research and working activity I manage to productively organize working and study group evaluating the competences of each participant as well as to present research projects (in general, whatever concerns my working project) thanks to information technology. I enjoy working in team trying to best optimize time and energy. |
| Technical skills and competences | <p>Excellent knowledge of basal laboratory techniques.</p> <p>Molecular biology and biochemistry: PCR, real time-PCR, Western Blot, Southern Blot, DNA microarray, Immunoprecipitation, Electrophoresis, Flow Cytometry, Cloning, Cell and Bacterial Culture, FISH, Chip, etc.</p> <p>Analysis of the Microbiota e sequencing through IonTorrent S5.</p> <p>Cell culture: processing of murine tissues, primary cell cultures, cell stimulation with cytokines, transfections. Cell processing and superficial/intracellular staining for flow cytometry analysis.</p> <p>Tissues preparation for histological analysis.</p> <p>Mouse models set up for pathologies such as colitis and hepatitis.</p> |

| | |
|-----------------------------------|--|
| Informatic skills and competences | Excellent knowledge of Windows Operating Systems; Excellent knowledge of OpenOffice and Office, in particular Excel, PowerPoint and Word; Ability to use main browsers for internet browsing and communication software, such as fax and e-mail. Excellent knowledge of ChemDraw, ChemWin, Vector and SnapGene software. |
| Driving License | Driving License B |
| Collaborations | Member of the Italian Society of Pharmacology (Società Italiana di Farmacologia, SIF) as young member since 2012 and elective member of steering committee Soci Giovani SIF, from October, 2015 to October, 2019. |
| Grants | <p data-bbox="424 685 480 714">2022</p> <p data-bbox="507 685 1505 801">PRIN 2022 – Progetti di Rilevante Interesse Nazionale: coordinatore scientifico nazionale (PI) del progetto dal titolo “Investigating the role of GPBAR1, FXR and RORγt receptors in the pathogenesis of inflammatory bowel diseases (IBDs) for the discovery of new therapeutic options”.</p> |
| Publications | <p data-bbox="416 916 480 945">2023</p> <p data-bbox="507 922 1505 1070"><u>Biagioli M</u>, Marchianò S, Di Giorgio C, Bordoni M, Urbani G, Bellini R, Massa C, Sami Ullah Khan R, Roselli R, Chiara Monti M, Morretta E, Giordano A, Vellecco V, Bucci M, Jilani Iqbal A, Saviano A, Ab Mansour A, Ricci P, Distrutti E, Zampella A, Cieri E, Cirino G, Fiorucci S. “Activation of GPBAR1 attenuates vascular inflammation and atherosclerosis in a mouse model of NAFLD-related cardiovascular disease.” Biochem Pharmacol. 11/2023</p> <p data-bbox="507 1137 1505 1285">Di Giorgio C, Bellini R, Lupia A, Massa C, Urbani G, Bordoni M, Marchianò S, Rosselli R, De Gregorio R, Rapacciuolo P, Sepe V, Morretta E, Monti MC, Moraca F, Cari L, Ullah KRS, Natalizi N, Graziosi L, Distrutti E, <u>Biagioli M</u>, Catalanotti B, Donini A, Zampella A, Fiorucci S. “The leukemia inhibitory factor regulates fibroblast growth factor receptor 4 transcription in gastric cancer.” Cell Oncol. 11/2023</p> <p data-bbox="507 1352 1505 1440">Fiorucci S, Sepe V, <u>Biagioli M</u>, Fiorillo B, Rapacciuolo P, Distrutti E, Zampella A. “Development of bile acid activated receptors hybrid molecules for the treatment of inflammatory and metabolic disorders. Biochem Pharmacol.” 09/2023</p> <p data-bbox="507 1507 1505 1626">Finamore C, Festa C, Fiorillo B, Leva FSD, Roselli R, Marchianò S, <u>Biagioli M</u>, Spinelli L, Fiorucci S, Limongelli V, Zampella A, De Marino S. “Expanding the Library of 1,2,4-Oxadiazole Derivatives: Discovery of New Farnesoid X Receptor (FXR) Antagonists/Pregnane X Receptor (PXR) Agonists.” Molecules. 03/2023</p> <p data-bbox="507 1693 1505 1812">Di Giorgio C, Bellini R, Lupia A, Massa C, Bordoni M, Marchianò S, Rosselli R, Sepe V, Rapacciuolo P, Moraca F, Morretta E, Ricci P, Urbani G, Monti MC, <u>Biagioli M</u>, Distrutti E, Catalanotti B, Zampella A, Fiorucci S. “Discovery of BAR502, as potent steroidal antagonist of leukemia inhibitory factor receptor for the treatment of pancreatic adenocarcinoma.” Front Oncol. 03/2023</p> <p data-bbox="507 1879 1505 2018">Bianca Fiorillo, Rosalinda Roselli, Claudia Finamore, <u>Michele Biagioli</u>, Cristina di Giorgio, Martina Bordoni, Paolo Conflitti, Silvia Marchianò, Rachele Bellini, Pasquale Rapacciuolo, Chiara Cassiano, Vittorio Limongelli, Valentina Sepe, Bruno Catalanotti, Stefano Fiorucci, and Angela Zampella “Discovery of a Novel Class of Dual GPBAR1 Agonists–RORγt Inverse Agonists for the Treatment of IL-17-Mediated Disorders.” ACS Omega 01/2023</p> |

Marchianò S, Biagioli M, Morretta E, Di Giorgio C, Roselli R, Bordoni M, Bellini R, Urbani G, Massa C, Monti MC, Zampella A, Distrutti E, Fiorucci S. **“Combinatorial therapy with BAR502 and UDCA resets FXR and GPBAR1 signaling and reverses liver histopathology in a model of NASH.”** Sci Rep. 01/2023

2022

Giorgio CD, Roselli R, Biagioli M, Bordoni M, Ricci P, Zampella A, Distrutti E, Donini A, Fiorucci S. **“Modeling inflammatory bowel disease by intestinal organoids.”** Recent Adv Inflamm Allergy Drug Discov. 11/2022

Di Giorgio C, Lupia A, Marchianò S, Bordoni M, Bellini R, Massa C, Urbani G, Roselli R, Moraca F, Sepe V, Catalanotti B, Morretta E, Monti MC, Biagioli M, Distrutti E, Zampella A, Fiorucci S. **“Repositioning Mifepristone as a Leukaemia Inhibitory Factor Receptor Antagonist for the Treatment of Pancreatic Adenocarcinoma.”** Cells. 11/2022

Biagioli M, Marchianò S, di Giorgio C, Roselli R, Bordoni M, Bellini R, Fiorillo B, Sepe V, Catalanotti B, Cassiano C, Monti MC, Distrutti E, Zampella A, Fiorucci S. **“Combinatorial targeting of G-protein-coupled bile acid receptor 1 and cysteinyl leukotriene receptor 1 reveals a mechanistic role for bile acids and leukotrienes in drug-induced liver injury.”** Hepatology. 09/2022

Marchianò S, Biagioli M, Roselli R, Zampella A, Di Giorgio C, Bordoni M, Bellini R, Urbani G, Morretta E, Monti MC, Distrutti E, Fiorucci S. **“Beneficial effects of UDCA and norUDCA in a rodent model of steatosis are linked to modulation of GPBAR1/FXR signaling.”** Biochim Biophys Acta Mol Cell Biol Lipids. 08/2022

Di Giorgio Cristina, Marchianò Silvia, Marino Elisabetta, Biagioli Michele, Roselli Rosalinda, Bordoni Martina, Bellini Rachele, Urbani Ginevra, Zampella Angela, Distrutti Eleonora, Donini Annibale, Graziosi Luigina, Fiorucci Stefano. **“Next-Generation Sequencing Analysis of Gastric Cancer Identifies the Leukemia Inhibitory Factor Receptor as a Driving Factor in Gastric Cancer Progression and as a Predictor of Poor Prognosis.”** Frontiers in Oncology. 06/2022

Stefano Fiorucci, Angela Zampella, Patrizia Ricci, Eleonora Distrutti, Michele Biagioli. **“Immunomodulatory functions of FXR.”** Molecular and Cellular Endocrinology. 04/2022

Biagioli M, Marchianò S, Roselli R, Di Giorgio C, Bellini R, Bordoni M, Distrutti E, Catalanotti B, Zampella A, Graziosi L, Donini A, Fiorucci S. **“GLP-1 Mediates Regulation of Colonic ACE2 Expression by the Bile Acid Receptor GPBAR1 in Inflammation.”** Cells. 04/2022

Stefano Fiorucci, Pasquale Rapacciuolo, Bianca Fiorillo, Rosalinda Roselli, Silvia Marchianò, Cristina Di Giorgio, Martina Bordoni, Rachele Bellini, Chiara Cassiano, Paolo Conflitti, Bruno Catalanotti, Vittorio Limongelli, Valentina Sepe, Michele Biagioli and Angela Zampella. **“Discovery of a Potent and Orally Active Dual GPBAR1/CysLT1R Modulator for the Treatment of Metabolic Fatty Liver Disease.”** Front. Pharmacol. 04/2022

Di Giorgio C, Roselli R, Biagioli M, Marchianò S, Distrutti E, Bordoni M, Donini A, Fiorucci S. **“Organoids as ex vivo culture system to investigate infection-host interaction in gastric pre-carcinogenesis.”** Recent Adv Inflamm Allergy Drug Discov. 01/2022

2021

Fiorillo B, Marchianò S, Moraca F, Sepe V, Carino A, Rapacciuolo P, Biagioli M, Limongelli V, Zampella A, Catalanotti B, Fiorucci S. **“Discovery of Bile Acid Derivatives as Potent ACE2 Activators by Virtual Screening and Essential Dynamics.”** J Chem Inf Model. 12/2021

Bianca Fiorillo, Valentina Sepe, Paolo Conflitti, Rosalinda Roselli, Michele Biagioli, Silvia Marchianò, Pasquale De Luca, Giuliana Baronissi, Pasquale Rapacciuolo, Chiara Cassiano, Bruno Catalanotti, Angela Zampella, Vittorio Limongelli, and Stefano Fiorucci. **“Structural Basis for Developing Multitarget Compounds Acting on Cysteinyl Leukotriene Receptor 1 and G-Protein-Coupled Bile Acid Receptor 1.”** Journal of Medicinal Chemistry 11/2021.

Marchianò S, Biagioli M, Roselli R, Zampella A, Di Giorgio C, Bordoni M, Bellini R, Morretta E, Monti MC, Distrutti E, Fiorucci S. **“Atorvastatin protects against liver and vascular damage in a model of diet induced steatohepatitis by resetting FXR and GPBAR1 signaling.”** FASEB J. 09/2021

Biagioli M., Fiorucci S. **“Bile acid activated receptors: Integrating immune and metabolic regulation in non-alcoholic fatty liver disease.”** Liver Research 09/2021

Biagioli, M.; Marchianò, S.; Carino, A.; Di Giorgio, C.; Santucci, L.; Distrutti, E.; Fiorucci, S. **“Bile Acids Activated Receptors in Inflammatory Bowel Disease.”** Cells 05/2021

Adriana Carino, Luigina Graziosi, Silvia Marchianò, Michele Biagioli, Elisabetta Marino, Valentina Sepe, Angela Zampella, Eleonora Distrutti, Annibale Donini and Stefano Fiorucci. **“Analysis of gastric cancer transcriptome allows the identification of histotype specific molecular signatures with prognostic potential.”** Frontiers in Oncology 05/2021

Sara Flamini, Philipp Sergeev, Zenobio Viana de Barros, Tommaso Mello, Michele Biagioli, Musetta Paglialunga, Chiara Fiorucci, Tatiana Prikazchikova, Stefano Pagano, Andrea Gagliardi, Carlo Riccardi, Timofei Zatsepin, Graziella Migliorati, Oxana Bereshchenko & Stefano Bruscoli. **“Glucocorticoid-induced leucine zipper regulates liver fibrosis by suppressing CCL2-mediated leukocyte recruitment.”** Cell Death & Disease 04/2021

Biagioli M, Marchianò S, Roselli R, Di Giorgio C, Bellini R, Bordoni M, Gidari A, Sabbatini S, Francisci D, Fiorillo B, Catalanotti B, Distrutti E, Carino A, Zampella A, Costantino G, Fiorucci S. **“Discovery of a AHR pelargonidin agonist that counter-regulates Ace2 expression and attenuates ACE2-SARS-CoV-2 interaction.”** Biochem Pharmacol. 04/2021

Fiorucci S, Biagioli M, Baldoni M, Ricci P, Sepe V, Zampella A, Distrutti E. **“The identification of farnesoid X receptor modulators as treatment options for non-alcoholic fatty liver disease.”** Expert Opin Drug Discov. 04/2021

Fiorucci S, Distrutti E, Carino A, Zampella A, Biagioli M. **“Bile acids and their receptors in metabolic disorders.”** Prog Lipid Res. 02/2021

Fiorucci S, Distrutti E, Biagioli M. **“Special FX: Harnessing the Farnesoid-X-Receptor to Control Bile Acid Synthesis.”** Dig Dis Sci. 02/2021

2020

Fiorucci S, Carino A, Baldoni M, Santucci L, Costanzi E, Graziosi L, Distrutti E, Biagioli M. **“Bile Acid Signaling in Inflammatory Bowel Diseases.”** Dig Dis Sci. 12/2020

Adriana Carino, Silvia Marchianò, Michele Biagioli, Paolo Scarpelli, Martina Bordoni, Cristina Di Giorgio, Rosalinda Roselli, Chiara Fiorucci, Maria Chiara Monti, Eleonora Distrutti, Angela Zampella, Stefano Fiorucci. **“The bile acid activated receptors GPBAR1 and FXR exert antagonistic effects on autophagy.”** Faseb J. 11/2020

Carino, A.; Moraca, F.; Fiorillo, B.; Marchianò, S.; Sepe, V.; Biagioli, M.; Finamore, C.; Bozza, S.; Francisci, D.; Distrutti, E.; Catalanotti, B.; Zampella, A.; Fiorucci, S. **"Hijacking SARS-CoV-2/ACE2 Receptor Interaction by Natural and Semi-synthetic Steroidal Agents Acting on Functional Pockets on the Receptor Binding Domain."** *Frontiers in Chemistry*. 10/2020

Biagioli M., Carino A., Di Giorgio C., Marchianò S., Bordoni M., Roselli R., Distrutti E., & Fiorucci S. **"Discovery of a Novel Multi-Strains Probiotic Formulation with Improved Efficacy toward Intestinal Inflammation."** *Nutrients*. 06/2020

Fiorucci S, Biagioli M, Sepe V, Zampella A, Distrutti E. **"Bile acid modulators for the treatment of nonalcoholic steatohepatitis (NASH)"** *Expert Opin Investig Drugs*. 2020

Fiorucci S, Baldoni M, Ricci P, Zampella A, Distrutti E, Biagioli M. **"Bile acid-activated receptors and the regulation of macrophages function in metabolic disorders."** *Curr Opin Pharmacol*. 05/2020

Adriana Carino, Michele Biagioli, Silvia Marchianò, Chiara Fiorucci, Martina Bordoni, Rosalinda Roselli, Cristina Di Giorgio, Monia Baldoni, Patrizia Ricci, Maria Chiara Monti, Elva Morretta, Angela Zampella, Eleonora Distrutti, Stefano Fiorucci. **"Opposite effects of the FXR agonist obeticholic acid on Mafg and Nr2 mediate the development of acute liver injury in rodent models of cholestasis."** *Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids*, 05/2020

Biagioli M, Carino A, Marchianò S, Roselli R, Di Giorgio C, Bordoni M, Fiorucci C, Sepe V, Conflitti P, Limongelli V, Distrutti E, Baldoni M, Zampella A, Fiorucci S. **"Identification of Cysteinyl-leukotriene-receptor 1 antagonists as ligands for the bile acid receptor GPBAR1."** *Biochem Pharmacol*. 04/2020

Biagioli M, Carino A, Fiorucci C, Marchianò S, Di Giorgio C, Bordoni M, Roselli R, Baldoni M, Distrutti E, Zampella A, Fiorucci S. **"The Bile Acid Receptor GPBAR1 Modulates CCL2/CCR2 Signaling at the Liver Sinusoidal/Macrophage Interface and Reverses Acetaminophen-Induced Liver Toxicity."** *J Immunol*. 03/2020

Simona De Marino, Claudia Finamore, Michele Biagioli, Adriana Carino, Silvia Marchianò, Rosalinda Roselli, Cristina Di Giorgio, Martina Bordoni, Francesco Saverio Di Leva, Ettore Novellino, Chiara Cassiano, Vittorio Limongelli, Angela Zampella, Carmen Festa, Stefano Fiorucci. **"GPBAR1 Activation by C6-Substituted Hyodeoxycholate Analogues Protect against Colitis."** *ACS Med. Chem. Lett*. 03/2020

2019

Biagioli M, Carino A, Fiorucci C, Annunziato G, Marchianò S, Bordoni M, Roselli R, Giorgio CD, Castiglione F, Ricci P, Bruno A, Faccini A, Distrutti E, Baldoni M, Costantino G, Fiorucci S. **"The Aryl Hydrocarbon Receptor (AhR) Mediates the Counter-Regulatory Effects of Pelargonidins in Models of Inflammation and Metabolic Dysfunctions."** *Nutrients*. 08/2019

Carino A, Biagioli M, Marchianò S, Fiorucci C, Zampella A, Monti MC, Scarpelli P, Ricci P, Distrutti E, Fiorucci S. **"Ursodeoxycholic acid is a GPBAR1 agonist and resets liver/intestinal FXR signaling in a model of diet-induced dysbiosis and NASH."** *Biochim Biophys Acta Mol Cell Biol Lipids*. 07/2019

Biagioli M, Carino A, Fiorucci C, Marchianò S, Di Giorgio C, Roselli R, Magro M, Distrutti E, Bereshchenko O, Scarpelli P, Zampella A, Fiorucci S. **"GPBAR1 Functions as Gatekeeper for Liver NKT Cells and provides Counterregulatory Signals in Mouse Models of Immune-Mediated Hepatitis."** *Cell Mol Gastroenterol Hepatol*. 06/2019

Biagioli M, Carino A. **"Signaling from Intestine to the Host: How Bile Acids Regulate Intestinal and Liver Immunity."** Handb Exp Pharmacol. 05/2019

Carino A, Marchianò S, Biagioli M, Fiorucci C, Zampella A, Monti MC, Morretta E, Bordoni M, Di Giorgio C, Roselli R, Ricci P, Distrutti E, Fiorucci S. **"Transcriptome Analysis of Dual FXR and GPBAR1 Agonism in Rodent Model of NASH Reveals Modulation of Lipid Droplets Formation."** Nutrients. 05/2019

Biagioli M, Capobianco D, Carino A, Marchianò S, Fiorucci C, Ricci P, Distrutti E, Fiorucci S. **"Divergent Effectiveness of Multispecies Probiotic Preparations on Intestinal Microbiota Structure Depends on Metabolic Properties."** Nutrients, 02/2019

2018

Valentina Sepe, Silvia Marchianò, Claudia Finamore, Giuliana Baronissi, Francesco Saverio Di Leva, Adriana Carino, Michele Biagioli, Chiara Fiorucci, Chiara Cassiano, Maria Chiara Monti, Federica del Gaudio, Ettore Novellino, Vittorio Limongelli†, Stefano Fiorucci, and Angela Zampella. **"Novel Isoxazole Derivatives with Potent FXR Agonistic Activity Prevent Acetaminophen-Induced Liver Injury."** ACS Medicinal Chemistry Letters 12/2018

Adriana Carino, Silvia Marchianò, Michele Biagioli, Mariarosaria Bucci, Valentina Vellecco, Vincenzo Brancaleone, Chiara Fiorucci, Angela Zampella, Maria Chiara Monti, Eleonora Distrutti, and Stefano Fiorucci. **"Agonism for the bile acid receptor GPBAR1 reverses liver and vascular damage in a mouse model of steatohepatitis."** Faseb. 10/2018

Fiorucci S, Biagioli M, Distrutti E. **"Immune phenotype Predicts Response to Vedolizumab: Integrating Clinical and Biochemical Biomarkers in the Treatment of Inflammatory Bowel Diseases."** Dig Dis Sci. 09/2018

Fiorucci S, Biagioli M, Zampella A, Distrutti E. **"Bile Acids Activated Receptors Regulate Innate Immunity."** Front Immunol. 08/2018

Fiorucci S, Biagioli M, Distrutti E. **"Future trends in the treatment of non-alcoholic steatohepatitis"**. Pharmacol Res. 08/2018

Adriana Carino, Michele Biagioli, Silvia Marchianò, Paolo Scarpelli, Angela Zampella, Vittorio Limongelli, Stefano Fiorucci. **"Disruption of TFGβ-SMAD3 pathway by the nuclear receptor SHP mediates the antifibrotic activities of BAR704, a novel highly selective FXR ligand."** Pharmacological Research. 02/2018

2017

Biagioli M, Mencarelli A, Carino A, Cipriani S, Marchianò S, Fiorucci C, Donini A, Graziosi L, Baldelli F, Distrutti E, Costantino G, Fiorucci S. **"Genetic and Pharmacological Dissection of the Role of Spleen Tyrosine Kinase (Syk) in Intestinal Inflammation and Immune Dysfunction in Inflammatory Bowel Diseases."** Inflamm Bowel Dis. 12/2017

Sorcini D, Bruscoli S, Frammartino T, Cimino M, Mazzon E, Galuppo M, Bramanti P, Al-Banchaabouchi M, Farley D, Ermakova O, Britanova O, Izraelson M, Chudakov D, Biagioli M, Sportoletti P, Flamini S, Raspa M, Scavizzi F, Nerlov C, Migliorati G, Riccardi C, Bereshchenko O. **"Wnt/β-Catenin Signaling Induces Integrin α4β1 in T Cells and Promotes a Progressive Neuroinflammatory Disease in Mice"**. J Immunol. 11/2017

Carino A, Cipriani S, Marchianò S, Biagioli M, Scarpelli P, Zampella A, Monti MC, Fiorucci S. **"Gpbar1 agonism promotes a Pgc-1α-dependent browning of white adipose tissue and energy expenditure and reverses diet-induced steatohepatitis in mice."** Sci Rep. 09/2017

| | |
|------------------------------------|--|
| | <p><u>Michele Biagioli</u>, Luca Laghi, Adriana Carino, Sabrina Cipriani, Eleonora Distrutti, Silvia Marchianò, Carola Parolin, Paolo Scarpelli, Beatrice Vitali, Stefano Fiorucci. “Metabolic instability of a multispecies probiotic preparation impacts on the anti-inflammatory activity”. Front. Pharmacol 07/ 2017</p> <p><u>Michele Biagioli</u>, Adriana Carino, Sabrina Cipriani, Daniela Francisci, Silvia Marchianò, Paolo Scarpelli, Daniele Sorcini, Angela Zampella, Stefano Fiorucci. “The bile acid receptor GPBAR1 regulates M1/M2 phenotype of intestinal macrophage and its activation rescues from murine colitis” J of Immunology 06/2017</p> <p>Carino A, Cipriani S, Marchianò S, <u>Biagioli M</u>, Santorelli C, Donini A, Zampella A, Monti MC, Fiorucci S. “BAR502, a dual FXR and GPBAR1 agonist, promotes browning of white adipose tissue and reverses liver steatosis and fibrosis”. Scientific Reports 02/2017</p> |
| 2016 | <p>Finamore C, Festa C, Renga B, Sepe V, Carino A, Masullo D, <u>Biagioli M</u>, Marchianò S, Capolupo A, Monti MC, Fiorucci S, Zampella A “Navigation in bile acid chemical space: discovery of novel FXR and GPBAR1 ligands”. Scientific Reports 07/2016</p> |
| 2015 | <p>Bruscoli S, <u>Biagioli M</u>, Sorcini D, Frammartino T, Cimino M, Sportoletti P, Mazzon E, Bereshchenko O and Riccardi C “Lack of Glucocorticoid-induced leucine zipper (GILZ) deregulates B cell survival and results in B cell lymphocytosis in mice”. Blood 10/2015</p> |
| 2014 | <p>Mazzon E, Bruscoli S, Galuppo M, <u>Biagioli M</u>, Sorcini D, Bereshchenko O, Fiorucci C, Migliorati G, Bramanti P. and Riccardi C. “Glucocorticoid-Induced Leucine Zipper (GILZ) controls inflammation and tissue damage after spinal cord injury”. CNS Neuroscience and Therapeutics 11/2014</p> <p>Venanzi A, Di Sante M, Bruscoli S, <u>Biagioli M</u>, Sorcini D, Cimino M, Frammartino T, Bereshchenko O, Franconi F, Riccardi C. “Recombinant long-Glucocorticoid-induced leucine zipper (L-GILZ) protein restores the control of proliferation in gilz KO spermatogonia”. European Journal of Pharmacology 10/2014</p> <p>Bereshchenko O*, Coppo M*, Bruscoli S*, <u>Biagioli M</u>, Cimino M, Frammartino T, Sorcini D, Venanzi A, Di Sante M, Riccardi C. “GILZ Promotes Production of Peripherally Induced Treg Cells and Mediates the Crosstalk between Glucocorticoids and TGF-β Signaling”. Cell Reports 04/2014</p> <p>Google Scholar: Documenti: 61 H-index: 24 N. totale citazioni: 2121 (al 12-11-2023)</p> |
| Contributions in Conference | |
| 2023 | <p>Oral communication: Marchianò Silvia, <u>Biagioli Michele</u>, Di Giorgio Cristina, Bordoni Martina, Bellini Rachele, Roselli Rosalinda, Massa Carmen, Urbani Ginevra, Distrutti Eleonora, Morretta Elva, Monti Maria Chiara, Zampella Angela, Fiorucci Stefano “BAR502, a dual FXR and GPBAR1 agonist, synergized atorvastatin beneficial effects on vascular inflammation in NASH.” At DDW 2023, Chicago 6-9 Maggio 2023.</p> <p>Poster: Di Giorgio Cristina, Bellini Rachele, Lupia Antonio, Roselli Rosalinda, Massa Carmen, Bordoni Martina, Urbani Ginevra, Marchianò Silvia, <u>Biagioli Michele</u>, Fiorillo Bianca, Catalanotti Bruno, Zampella Angela, Fiorucci Stefano “Natural and synthetic bile acids function as leukemia inhibitory factor receptor (LIFR) antagonists and revert proliferation and migration in pancreatic cancer cell lines.” At DDW 2023, Chicago 6-9 Maggio 2023.</p> |

Poster: Biagioli Michele, Di Giorgio Cristina, Roselli Rosalinda, Bellini Rachele, Bordoni Martina, Marchianò Silvia, Massa Carmen, Urbani Ginevra, Distrutti Eleonora, Zampella Angela, Fiorucci Stefano **“Discovery of new molecule: agonist of GPBAR1 and inverse agonist of ROR γ t, for the treatment of inflammatory bowel disease.”** At DDW 2023, Chicago 6-9 Maggio 2023.

Poster: Di Giorgio Cristina, Urbani Ginevra, Graziosi Luigina, Marino Elisabetta, Bellini Rachele, Bordoni Martina, Roselli Rosalinda, Massa Carmen, Marchianò Silvia, Biagioli Michele, Sepe Valentina, Zampella Angela, Donini Annibale, Fiorucci Stefano **“Modulation of fibroblast growth factor receptor 4 expression by LIF via STAT3 phosphorylation in gastric cancer.”** At DDW 2023, Chicago 6-9 Maggio 2023.

Poster: Biagioli Michele, Roselli Rosalinda, Di Giorgio Cristina, Marchianò Silvia, Bordoni Martina, Bellini Rachele, Massa Carmen, Urbani Ginevra, Monti Maria Chiara, Morretta Elva, Distrutti Eleonora, Zampella Angela, Fiorucci, Stefano **“Bile acid metabolites regulate intestinal immunity by acting as GPBAR1 agonist and ROR γ t inverse agonist modulating the balance of Th17/Treg and M1/M2 macrophages.”** At DDW 2023, Chicago 6-9 Maggio 2023.

2022

Poster: Silvia Marchianò, Michele Biagioli, Cristina Di Giorgio, Martina Bordoni, Rosalinda Roselli, Rachele Bellini, Ginevra Urbani, Eleonora Distrutti, Angela Zampella, Maria Chiara Monti and Stefano Fiorucci **“The dual FXR and GPBAR1 agonist, BAR502 improves the beneficial effects of atorvastatin in mouse models of NAFLD.”** At The liver meeting 2022, Washington 03-08 Novembre 2022.

Poster: Di Giorgio Cristina, Biagioli Michele, Marchianò Silvia, Bordoni Martina, Roselli Rosalinda, Bellini Rachele, Urbani Ginevra, Zampella Angela, Distrutti Eleonora, Fiorucci Stefano **“Combinatorial modulation of GPBAR1 and CYSLTR1 prevents liver fibrosis in a mice model.”** At The liver meeting 2022, Washington 03-08 Novembre 2022.

Poster: Silvia Marchianò, Michele Biagioli, Cristina Di Giorgio, Martina Bordoni, Rosalinda Roselli, Rachele Bellini, Ginevra Urbani, Eleonora Distrutti, Maria Chiara Monti, Angela Zampella and Stefano Fiorucci **“Beneficial effects of UDCA and norUDCA in a rodent model of steatosis are linked to modulation of GPBAR1 signaling.”** At The liver meeting 2022, Washington 03-08 Novembre 2022.

Poster: Biagioli Michele, Valentina Vellecco, Di Giorgio Cristina Marchianò Silvia, Bordoni Martina, Roselli Rosalinda, Bellini Rachele, Urbani Ginevra, Bucci Mariarosaria, Cirino Giuseppe, Fiorucci Stefano **“Vascular regulation by bile acids is mediated by GPBAR1 and H₂S.”** At The liver meeting 2022, Washington 03-08 Novembre 2022.

Poster: Martina Bordoni, Michele Biagioli, Cristina Di Giorgio, Silvia Marchianò, Rosalinda Roselli, Rachele Bellini, Eleonora Distrutti, Bruno Catalanotti, Angela Zampella and Stefano Fiorucci **“Regulation of intestinal ACE2 expression by the bile acid receptor GPBAR1 is mediated by an GPBAR1/GLP-1/GLP-1R axis.”** At DDW 2022, San Diego 21-24 Maggio 2022.

Poster: Silvia Marchianò, Michele Biagioli, Cristina Di Giorgio, Martina Bordoni, Rosalinda Roselli, Rachele Bellini, Valentina Sepe, Eleonora Distrutti, Vittorio Limongelli, Bruno Catalanotti, Angela Zampella and Stefano Fiorucci **“Role of dual GPBAR1/CYSLT1R modulator reverses liver injury and fibrosis in a rodent model of NASH.”** At DDW 2022, San Diego 21-24 Maggio 2022.

Poster: Cristina Di Giorgio, Michele Biagioli, Silvia Marchianò, Martina Bordoni, Rosalinda Roselli, Rachele Bellini, Angela Zampella, Eleonora Distrutti and Stefano Fiorucci **“Development of a dual GPBAR1 and CYSLT1R modulator to prevent hepatic damage and liver fibrosis.”** At DDW 2022, San Diego 21-24 Maggio 2022.

| | |
|------|--|
| | <p>Poster: Cristina Di Giorgio, Michele Biagioli, Silvia Marchianò, Martina Bordoni, Rachele Bellini, Rosalinda Roselli, Angela Zampella and Stefano Fiorucci "Discovery of a novel Cysteyl-leukotriene-receptor 1 antagonist and Bile acid receptor GPBAR1 agonist that reduces inflammation in a mouse model of colitis." At DDW 2022, San Diego 21-24 Maggio 2022.</p> |
| 2021 | <p>Oral communication: Michele Biagioli, Silvia Marchianò, Cristina Di Giorgio, Rosalinda Roselli, Rachele Bellini, Martina Bordoni, Adriana Carino, Angela Zampella and Stefano Fiorucci. "Identification of new compound CHIN117 with dual activity, GPBAR1 agonist and CYSLT1R antagonist, for the treatment of acute and chronic hepatitis." At 1° Meeting del GdL Immunofarmacologia della Società Italiana di Farmacologia (SIF), Perugia (Pg) 24-26 Novembre 2021.</p> <p>Oral communication: Michele Biagioli, Adriana Carino, Chiara Fiorucci, Silvia Marchianò, Cristina di Giorgio, Martina Bordoni, Rosalinda Roselli, Monia Baldoni, Eleonora Distrutti, Angela Zampella, Stefano Fiorucci. "The bile acid receptor GPBAR1 modulates CCL2/CCR2 signaling at the liver sinusoidal/macrophage interface and reverses acetaminophen-induced liver toxicity." At 40° congresso Nazionale della Società Italiana di Farmacologia (SIF), 09-13 Marzo 2021.</p> <p>Poster: Michele Biagioli, Adriana Carino, Silvia Marchianò, Rosalinda Roselli, Cristina Di Giorgio, Martina Bordoni, Chiara Fiorucci, Valentina Sepe, Paolo Conflitti, Vittorio Limongelli, Eleonora Distrutti, Monia Baldoni, Angela Zampella and Stefano Fiorucci. "Identification of Cysteinyl-leukotriene-receptor 1 antagonists as ligands for the bile acid receptor GPBAR1." At 40° congresso Nazionale della Società Italiana di Farmacologia (SIF), 09-13 Marzo 2021.</p> |
| 2019 | <p>Oral communication: Michele Biagioli, Adriana Carino, Chiara Fiorucci, Silvia Marchianò, Margherita Magro, Eleonora Distrutti, Oxana Bereshchenko, Paolo Scarpelli, Angela Zampella, Stefano Fiorucci. "GPBAR1 functions as gatekeeper for liver NKT cells and provides counter regulatory signals in autoimmune hepatitis." At 39° congresso Nazionale della Società Italiana di Farmacologia (SIF), Firenze 20-23 Novembre 2019.</p> <p>Poster: Adriana Carino, Michele Biagioli, Silvia Marchianò, Chiara Fiorucci, Martina Bordoni, Rosalinda Roselli, Federica Castiglione, Eleonora Distrutti, Angela Zampella, Stefano Fiorucci. "Comparative Effects of Bar502, a Dual Fxr and Gpbar1 Agonist, Obeticholic Acid and Ursodeoxycholic Acid in a Rodent Model of Nash." At DDW 2019, San Diego 18-21 Maggio 2019.</p> <p>Poster: Adriana Carino, Michele Biagioli, Silvia Marchianò, Chiara Fiorucci, Martina Bordoni, Rosalinda Roselli, Eleonora Distrutti, Stefano Fiorucci. "Mechanism of Acute Liver Decompensation Caused by Obeticholic Acid in Cholestasis is Fxr Dependent." At DDW 2019, San Diego 18-21 Maggio 2019.</p> <p>Poster: Michele Biagioli, Adriana Carino, Silvia Marchianò, Chiara Fiorucci, Martina Bordoni, Rosalinda Roselli, Cristina Di Giorgio, Eleonora Distrutti, Angela Zampella, Stefano Fiorucci. "Gpbar1 is a Modulator of Liver Immunity and Its Agonism Reverses Acetaminophen-Induced Hepatotoxicity by Modulating Recruitment of Liver Macrophages." At DDW 2019, San Diego 18-21 Maggio 2019.</p> <p>Poster: Hary Razafindralambo, Virginia Correani, Benedetta Mattei, Michele Biagioli, Claudio De Simone. "Physico-Chemistry, Proteomics and In Vivo Comparative Tests to Reveal Variability in Multistrain Probiotic Formulations." At DDW 2019, San Diego 18-21 Maggio 2019.</p> |
| 2018 | <p>Poster: Michele Biagioli, Chiara Fiorucci, Adriana Carino, Silvia Marchianò, Eleonora Distrutti, Stefano Fiorucci. "Probiotics Beyond Taxonomy: Evidence that Anti-inflammatory Properties of Live Biotherapeutic Products Require Phenotypic Characterization." At DDW 2018, Washington 2-6 Giugno 2018.</p> |

| | |
|-------------|--|
| | <p>Oral communication: <u>Michele Biagioli</u>, Adriana Carino, Chiara Fiorucci, Silvia Marchianò, Angela Zampella, Eleonora Distrutti, Stefano Fiorucci. “GPBAR1 (TGR5) is a Modulator of Liver Immunity and Reverses Liver Inflammation in a Mouse Models of Acute Hepatitis.” At DDW 2018, Washington 2-6 Giugno 2018.</p> <p>Poster: Adriana Carino, <u>Michele Biagioli</u>, Silvia Marchianò, Eleonora Distrutti, Chiara Fiorucci, Giannamaria Annunziato, Gabriele Costantino, Stefano Fiorucci. “The Aryl Hydrocarbon Receptor Mediates Anti-Inflammatory Activities of Natural and Synthetic Pelargonidines in Mouse Models of Colitis” At DDW 2018, Washington 2-6 Giugno 2018.</p> <p>Poster: Chiara Fiorucci, Adriana Carino, <u>Michele Biagioli</u>, Silvia Marchianò, Angela Zampella, Eleonora Distrutti, Stefano Fiorucci. “Bar704, a Potent and Selective Fxr Agonist Protects Against Intestinal Fibrosis” At DDW 2018, Washington 2-6 Giugno 2018.</p> |
| 2017 | <p>Oral communication: <u>Biagioli M</u>, Carino A, Cipriani S, Francisci D, Marchianò S, Scarpelli P, Sorcini D, Zampella A, Fiorucci S. “GPBAR1 (TGR5) ligation protects against colitis development by regulating leukocyte trafficking and promoting a IL-10 dependent shift in the M1/M2 phenotype.” At DDW 2017, Chicago 6-9 Maggio 2017.</p> <p>Poster: <u>Biagioli M</u>, Cipriani S, Carino A, Distrutti E, Marchianò S, Fiorucci S. “Variability in industrial production affects probiotics activity: identification of batches of prebiotico VSL#3 that increases intestinal permeability and worsens colitis in rodents”. At DDW 2017, Chicago 6-9 Maggio 2017.</p> <p>Poster: A, Cipriani S, Marchianò S, <u>Biagioli M</u>, Zampella A, De Martino S, Fiorucci S. “BAR130, a hyodeoxycholic acid derivative as the first example of dual LXR/GPBAR1 agonist”. At DDW 2017, Chicago 6-9 Maggio 2017.</p> <p>Poster: Carino A, Cipriani S, <u>Biagioli M</u>, Marchianò S, Zampella A, Giuliano V, Distrutti E, Fiorucci S. “BAR501, a selective GPBAR1 agonist, promotes adipose tissue browning and autophagy and improves lipid metabolism and steato-hepatitis in mice feed a high fat diet.” At DDW 2017, Chicago 6-9 Maggio 2017.</p> |
| 2016 | <p>Poster: <u>Biagioli M</u>, Sorcini D, Bruscoli S, Bereshchenko O, Frammartino T, Cimino M, and Riccardi C. “Lack of Glucocorticoid-induced Leucine Zipper (GILZ) deregulates B-cell serviva and leads in B-cell lymphocytosis in mice”. At 19° National Seminar of PhD in Pharmacology and Related Sciences; Rimini, Italy 09/2016</p> |
| 2015 | <p>Poster: <u>Biagioli M</u>, Sorcini D, Bruscoli S, Bereshchenko O. Frammartino T, D'Angelo S, Cimino M, and Riccardi C. “Lack of Glucocorticoid-induced Leucine Zipper (GILZ) results in B cell lymphocytes in mice”. At il 37° congresso nazionale della Società Italiana di Farmacologia (SIF), Napoli 27-30 ottobre 2015.</p> |
| 2014 | <p>Oral communication: <u>Biagioli M</u>, Sorcini D, Bruscoli S, Bereshchenko O. Frammartino T, D'Angelo S, Cimino M, and Riccardi C. “Lack of glucocorticoid-induced leucine zipper (GILZ) results in B cell lymphoproliferative disorder in mice.” At XVIII Seminario Nazionale per Dottorandi ed Assegnisti in Farmacologia ed affini (SIF), Rimini, 15-18 Settembre 2014</p> <p>Poster: Bereshchenko O. Bruscoli S, <u>Biagioli M</u>, Frammartino T, Sorcini D, Cimino M, Fiorucci C and Riccardi C. “Lack of Glucocorticoid-Induced Leucine Zipper (GILZ) results in B cell lymphoproliferative disorder in mice”. At 19°esimo congresso della EHA, Milano 12-15 giugno 2014</p> |

2013

Poster: Biagioli M, Bereshchenko O, Sorcini D, Framartino T, Cimino M, Venanzi A, Bruscoli S, Riccardi C. "**GILZ regulates the development of Treg cells via regulation of crosstalk between Glucocorticoids and TGF-beta**". At 36°esimo congresso nazionale della società Italiana di Farmacologia, Torino, 23-26 ottobre 2013.

Poster: Framartino T, Bereshchenko O, Sorcini D, Biagioli M, Cimino M, Venanzi A, Bruscoli S, Riccardi C. "**Glucocorticoid-induced leucine zipper protein (GILZ) regulates hematopoietic stem cell engraftment and myeloid differentiation in a mouse model of CEBPA mutant acute myeloid leukemia**". At 36°esimo congresso nazionale della società Italiana di Farmacologia, Torino, 23-26 ottobre 2013.

Poster: Cimino M, Venanzi A, Framartino T, Sorcini D, Biagioli M, Bruscoli S, Riccardi C, Bereshchenko O. "**The effect of Ara.C treatment on hematopoietic stem cell expansion and leukemogenesis in a mouse model of CEBPA mutant acute myeloid leukemia**". At 36°esimo congresso nazionale della società Italiana di Farmacologia, Torino, 23-26 ottobre 2013.

Oral communication: Biagioli M, Cimino M, Framartino T, Sorcini D, Venanzi A, Bereshchenko O, Bruscoli S, Riccardi C. "**Glucocorticoid-induced leucine zipper (GILZ) is involved in Th2-mediated oxazolone-induced colitis**". In work group on Inflammation. Italian Society of Pharmacology, Napoli, Maggio 15-16, 2013.

Oral communication: Venanzi A, Sorcini D, Cimino M, Framartino T, Biagioli M, Bereshchenko O, Bruscoli S, Riccardi C. "**Glucocorticoid-induced leucine zipper (GILZ) is a regulator of intestinal immune homeostasis and anti-inflammatory effects of glucocorticoids**". In work group on Inflammation. Italian Society of Pharmacology, Napoli, Maggio 15-16, 2013

2012

Poster: Biagioli M, Bereshchenko O, Sorcini D, Framartino T, Cimino M, Venanzi A, Bruscoli S, Riccardi C. "**Glucocorticoid-induced leucine zipper (GILZ) regulates intestinal immune homeostasis and anti-inflammatory effects of glucocorticoids**". At XVI National Seminar of PhD in Pharmacology and Related Sciences; Rimini, Italy 09/2012

Abstract: Bruscoli S, Di Sante M, Venanzi A, Biagioli M, Sorcini D, Framartino T, Cimino M, Bereshchenko O, Riccardi C. "**LONG- GLUCOCORTICOID-INDUCED LEUCINE ZIPPER interacts with RAS pathway and is essential for spermatogenesis**". At X "ISSCR annual meeting", Yokohama 2012, Japan.

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above-mentioned decree.

The undersigned **Michele Biagioli** certifies that the information provided in this curriculum is true and given in good faith as established in the articles no. 46 and no. 47 of the Italian D.P.R. 445/2000.

The undersigned **Michele Biagioli** declares to be aware of the possible criminal sanctions in case of a false declaration or a declaration containing information not truthful anymore, as established in the article no. 76 of the Italian D.P.R. 28.12.2000, n. 445.

The undersigned **Michele Biagioli** declares to be aware of the article no. 7 of the Italian D.P.R. 28.12.2000, n. 445, concerning the decadence of benefits eventually resulting from the issued provision, if the Administration, as a result of random check, should find any untruthfulness regarding the content of the above statement.

To that purpose, copy of a valid identity document is attached to this declaration.

Perugia, 21/11/2023

Michele Biagioli

Michele Biagioli