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Authors	Title	Publication
Nadine Offermann et al.	Establishment of Artificial Human Sera (ARTHUS) based on Chimeras of FcγRI and Human Immunoglobulin Domains	Abstracts from the European Academy of Allergy and Clinical Immunology Congress, 6–10 June 2015, Barcelona, Spain  Allergy 2015; 70, Issue Supplement S101
Nadine Offermann et al.	Human serum substitution by artificial sera of scalable allergen reactivity based on polyclonal antibodies and chimeras of human FcγRI and IgE domains	Allergy 2016; 71: 1794–1799.
Teresa Molina	COMPACT BIOPHOTONIC PLATFORM FOR DRUG ALLERGY DIAGNOSIS	Brief presentation of the COBIOPHAD project in Photonics Public Private Partnership Annual Meeting 2016. Parallel session Working Group 3: Life, Science and Health.
M <sup>a</sup> José Juárez, et al.	Diagnóstico In Vitro de Alergias a Antibióticos B-Lactámicos	Book of articles (ISBN: 978-84-617-5330-7) of the X International Workshop on Sensors and Molecular Recognition. Valencia 7-8 July 2016, Chapter 21, p117-121
Fernández E, et al.	Compact Biophotonic Platform for Drug Allergy Diagnosis (COBIOPHAD)	Book of abstracts of the X International Workshop on Sensors and Molecular Recognition. Valencia 7-8 July 2016, 110
Sergi Morais	THE ANALYTICAL SIDE OF COMPACT DISC TECHNOLOGY	Lecture Adlershofer Kolloquium Analytik (AKA) Berlin, 2 <sup>nd</sup> May 2017
Nadine Offermann et al.	Artificial Human Sera (ARTHUS) as a tool for validation and standardization of bee and wasp specific in-vitro diagnostic systems	European Academy of Allergy and Clinical Immunology (EAACI) Helsinki, June 2017
Sergi Morais	CHEMICAL STRATEGIES FOR DESIGNING STRUCTURAL DETERMINANTS FOR β-LACTAM ALLERGY	Abstract presented for a poster presentation at the XXXVI Biennial Meeting celebrated by the Spanish Royal Society of Chemistry (RSEQ). Sitges Barcelona 25-29 June 2017.

Estrella Fernández et al.	COMPACT BIOPHOTONIC PLATFORM FOR DRUG ALLERGY DIAGNOSIS (COBIOPHAD)	XI International Workshop on Sensors and Molecular Recognition 2017. Valencia 6-7 July 2017. Poster exhibited at the Workshop.
M <sup>a</sup> José Juárez, Sergi Morais, Ángel Maquieira	Abstract: Estrategias químicas de anclaje covalente de alérgenos a superficies de policarbonato ( <i>Chemical strategies of covalent anchorage of allergens to polycarbonate surfaces</i> )	XI International Workshop on Sensors and Molecular Recognition 2017. Valencia 6-7 July 2017. Poster exhibited at the Workshop.
Salvador Mas, Sergi Morais, Ángel Maquieira	Abstract: Biosensor óptico para la determinación de IgE totales ( <i>Optical biosensor for the determination of total IgE</i> )	XI International Workshop on Sensors and Molecular Recognition 2017. Valencia 6-7 July 2017. Poster exhibited at the Workshop.
David Ruzafa et al.	Abstract: Desarrollo de inmunoensayos quimioluminiscentes para el diagnóstico de alergias a antibióticos ( <i>Development of chemiluminescent immunoassays for the diagnosis of antibiotic allergies</i> )	XI International Workshop on Sensors and Molecular Recognition 2017. Valencia 6-7 July 2017. Poster exhibited at the Workshop.
Elizaveta Vereshchagina et al.	SYNERGY OF 3D PRINTING AND INJECTION MOLDING: A NEW PROTOTYPING METHOD FOR RAPID DESIGN OPTIMIZATION AND MANUFACTURING OF MICROFLUIDIC DEVICES	Abstract: The 21st International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2017) October 22-26, 2017
Elizaveta Vereshchagina et al.	RAPID PROTOTYPING OF POLYMER MICROFLUIDIC DEVICES FOR OPTICAL DETECTION	Abstract: The 21st International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2017) October 22-26, 2017
Elizaveta Vereshchagina et al.	SYNERGY OF 3D PRINTING AND INJECTION MOLDING: A NEW PROTOTYPING METHOD FOR RAPID DESIGN OPTIMIZATION AND MANUFACTURING OF MICROFLUIDIC DEVICES	Full paper: The 21st International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2017) October 22-26, 2017
Elizaveta Vereshchagina et al.	SIMULTANEOUS IMPROVEMENT OF SURFACE FINISH AND BONDING OF CENTRIFUGAL MICROFLUIDIC DEVICES IN CYCLO-OLEFIN POLYMERS	Abstract submitted to MEMS2018 conference.
Elizaveta Vereshchagina et al.	SIMULTANEOUS IMPROVEMENT OF SURFACE FINISH AND BONDING OF CENTRIFUGAL MICROFLUIDIC DEVICES IN CYCLO-OLEFIN POLYMERS	Full paper submitted to MEMS2018 conference.
Elizaveta Vereshchagina et al.	LOCAL DEPOSITION AND CHARACTERIZATION OF ANTIFOULING COATINGS IN CYCLO-OLEFIN POLYMER MICROFLUIDIC DEVICES	Abstract submitted to Biosensors 2018 conference. Miami, FL, USA. 12-15 June 2018.
Sergi Morais, Luis A. Tortajada-Genaro and Ángel Maquieira	Abstract: The COBIOPHAD approach. Towards in vitro antibiotic allergy diagnosis.	Abstract submitted to Biosensors 2018 conference. Miami, FL, USA. 12-15 June 2018.

Sergi Morais et al.	Abstract: COVALENT ANCHORING OF B-LACTAM DETERMINANTS ON DIGITAL SURFACES FOR DEVELOPING IN VITRO TESTS FOR THE DIAGNOSIS OF ALLERGY	Abstract submitted to DHM 2018, Drug Hypersensitivity Meeting. Netherlands, 19-21 April 2018.
Luis A. Tortajada-Genaro et al.	Abstract: COBIOPHAD: Progresses Towards In Vitro Diagnosis Of Drug Allergies By A Point-Of-Care Device	Abstract submitted to DHM 2018, Drug Hypersensitivity Meeting. Netherlands, 19-21 April 2018.
Sergi Morais, Angel Maquieira and Luis A Tortajada-Genaro	Oral: The COBIOPHAD approach. Towards in vitro antibiotic allergy diagnosis	Oral presentation: Biosensors 2018 conference. Miami, FL, USA. 12-15 June 2018.
Estrella Fernández et al.	COBIOPHAD project: Progress towards in vitro diagnosis of drug allergies by a point-of-care device	Abstract submitted at the XII International Workshop on Sensors and Molecular Recognition. Valencia 5-6 July 2018. Poster exhibited at the Workshop.
E. Ibáñez Echevarría et al.	Diagnosis of betalactam immediate reactions	Abstract: XXXI Congreso de la Sociedad Española de Alergología e Inmunología Clínica (SEAIC2018) . Valencia. 24-27 October, 2018.
Julia Oto Martínez et al.	Serum IgE isolation & purification from betalactam allergic patients	Oral presentation: XXXI Congreso de la Sociedad Española de Alergología e Inmunología Clínica (SEAIC2018). Valencia. 24-27 October, 2018.
Julia Oto Martínez et al.	Serum IgG isolation & purification from betalactam allergic patients	Abstract: XXXI Congreso de la Sociedad Española de Alergología e Inmunología Clínica (SEAIC2018) . Valencia. 24-27 October, 2018.
Estrella Fernández and all partners	COBIOPHAD: AN INNOVATIVE <i>IN-VITRO</i> DEVICE FOR IMMEDIATE DRUG ALLERGY DIAGNOSIS	Poster: Lab-on-a-Chip and Microfluidics Europe 2019. Rotterdam. 18-19 June, 2019.
Estrella Fernández et al.	COBIOPHAD: AN INNOVATIVE <i>IN-VITRO</i> DEVICE FOR IMMEDIATE DRUG ALLERGY DIAGNOSIS	Poster: International Workshop on Sensors and Molecular Recognition (IWOSMOR) XIII UPVLC. Valencia. 4-5 July, 2019.
María José Juárez, et al.	MICROIMUNOENSAYOS PARA LA DETERMINACIÓN MULTIPLEX DE IgE ESPECÍFICA DE ANTIBIÓTICOS $\beta$ -LACTÁMICOS EN SUERO HUMANO	Oral communication: International Workshop on Sensors and Molecular Recognition (IWOSMOR) XIII UPVLC. Valencia. 4-5 July, 2019.
María José Juárez, et al.	DIAGNÓSTICO "IN VITRO" DE REACTIVIDAD CRUZADA EN LA ALERGIA A ANTIBIÓTICOS $\beta$ -LACTÁMICOS	Poster: International Workshop on Sensors and Molecular Recognition (IWOSMOR) XIII UPVLC. Valencia. 4-5 July, 2019.

Pedro Quintero-Campos, et al.	DETECCIÓN IN VITRO DE ALERGIA A AMOXICILINA MEDIANTE INMUNOENSAYO LUMINISCENTE	Poster: International Workshop on Sensors and Molecular Recognition (IWOSMOR) XIII UPVLC. Valencia. 4-5 July, 2019.
Elizaveta Vereshchagina et al.	A NOVEL DIAGNOSTIC DEVICE FOR RAPID TESTING OF ANTIBIOTIC ALLERGIES: FOCUS ON FLUIDIC DESIGN AND MANUFACTURING OF DISPOSABLE DISCS	Poster: MicroTAS2019. Basel. October 27-31, 2019.



PHOTONICS PUBLIC PRIVATE PARTNERSHIP



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To find out more about the COBIOPHAD project please contact us: [info@cobiophad.eu](mailto:info@cobiophad.eu)