

CURRICULUM VITAE

FAUSTINO VIDAL AROCA

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BIRTH DATE: MAY 15TH, 1976 // BIRTHPLACE: CARTAGENA (MURCIA, SPAIN) // AGE: 33 // NATIONALITY: SPAIN

ACADEMIC BACKGROUND

- 2005:** **PhD. Degree in Biology.**
Department of Biochemistry and Molecular Biology I, University of Madrid (Universidad Complutense de Madrid, Spain).
- 2000:** **M.Sc. in Biology (Biotechnology specialization).**
University of Madrid (Universidad Complutense de Madrid, Spain).

PROFESSIONAL EXPERIENCE

- Sep2008-Currently:** **Averion International AG (Allschwil, Switzerland).**
Responsible for Clinical Research projects in Italy as CRA. I am working on Multicenter International Projects. Responsible for 1) feasibility and monitoring (PSV, SIV, MV and COV) activities in Italy and Spain and 2) regulatory documentation and notification to the relevant Italian and Spanish authorities (EC). Certificate for monitoring in Italy according the DM 31/03/2008.
- 2006-2008:** **Basilea Pharmaceutica Ltd. (Basel, Switzerland).**
Project leader in the Laboratory of Prof. Malcolm Page and Dr. Jürg Dreier at the Department of Biochemistry and Screening, working on "Antibiotic Translocation Studies in Gram-negative Bacteria".
- 2005-2006** **University of Milano (Italy).**
Project leader in the laboratory of Dr. Giovanni Bertoni at the Department of Biomolecular Sciences and Biotechnologies, working on "Genome Wide Identification of Target Genes for the Design of Non-Conventional Antibiotics against Cystic Fibrosis Related Pathogens".
- 2001-2005:** **University of Milano (Italy).**
Ph.D. fellowship in the laboratory of Dr. Giovanni Bertoni at the Department of Biomolecular Sciences and Biotechnologies, working on "Transcriptional Regulation of Sigma54 Dependent Protein TouR".
- 2005:** **University of Milano (Italy).**
Teacher of "Laboratory of Methods in Microbial Genetics" at the Department of Biomolecular Sciences and Biotechnology.
- 2003:** **University of Madrid (Spain).**
FEMS research short term fellowship in the laboratory of Prof. Jesús Pérez Gil at the Department of Biochemistry and Molecular Biology I, working on "Biochemical and Functional Characterization of the σ^{54} -Dependent Transcriptional Activator TouR".
- 2003-2004:** **University of Milano (Italy).**
Teacher of "Laboratory of Recombinant DNA Technologies" at the Department of Biomolecular Sciences and Biotechnology.
- 2001-2005:** **University of Milano (Italy).**
Teacher of "Laboratory of General Microbiology" at the Department of Biomolecular Sciences and Biotechnology.
- 2000-2001:** **University of Milano (Italy).**
Erasmus Scholarship in the laboratory of Prof. Enrica Galli at the Department of Biomolecular Sciences and Biotechnology working on "Transcriptional

Regulation of the Degrading Pathways for Aromatic Compounds in *Pseudomonas*".

1996-1998:

San Carlos Clinical Hospital, Madrid (Spain).

Ungraduated student in the laboratory of Emilio Gomez de la Concha at the Department of Immunology and Oncology working on "Association between Certain Polymorphic Diseases and HLA Class II Alleles".

ACQUIRED CLINICAL OPERATION SKILLS

- **Managing and coordinating CRAs team.**
- **Supporting sponsor.**
- **Supporting Business and Development unit.**
- **On-site visits (from selection to Closure and lock data-bases)**
- **Site management.**
- **Regulatory, EC submission and responsible for Osservatorio web-page.**
- **Specific experience in:**
 - **Oncology (Lung Cancer (NSCLC) and Sarcoma (STS)), phase III.**
 - **Medical Devices (Orthopedic and Surgery), Post-marketing and Feasibility Phases.**
 - **Anti-infective, Preclinical and phase I.**

ACQUIRED PRE-CLINICAL OPERATION SKILLS

- **Managing and coordinating Lab-technician team.**
- **Responsibility for budget, timeline adherence and data quality control.**
- **Molecular Biology and Biochemical Techniques.**
- **Gene Expression in Bacteria (Real Time-PCR).**
- **Microbiology Techniques.**
- **Protein Purification.**
- **Protein Structural Characterization: F-Spectrometry and Circular Dichroism.**
- **Regulation of Biodegrading Pathway for Aromatic Compounds and Efflux pumps systems.**

PATENTS

- **Inventor of the Patent N°.** **WO2005056819**

Ownership of Patent Rights by the University of Milan (Università degli Studi di Milano), deposited on January 5th, 2004, and titled: "High-Throughput Assay of Gene Expression".

- **Inventor of the Patent N°.** **WO2005119202**

Ownership of Patent Rights by the University of Milan (Università degli Studi di Milano), deposited on May 28th, 2004, and titled: "Electroelution Apparatus to the Macromolecules Extraction and its Method".

PUBLICATIONS

- **Vidal-Aroca F.**, Meng A., Minz T., Page M.P.G. and Dreier J. **Use of Resazurin to detect Efflux Pump Activity in *Pseudomonas aeruginosa* and *Escherichia coli*.** (*Manuscript in preparation*)
- **Vidal-Aroca F.**, Matysiak S., Clementi C., Plasencia I., Pérez-Gil J., Iametti S, Bonomi F. and Bertoni G. **Structural characterization and conformational response to aromatic ligand binding of the σ^{54} -dependent regulator TouR** (*Manuscript in preparation*)
- Barbieri P., Solera D., Galli E., **Vidal-Aroca F.**, and Bertoni G. 2007. **Degradation of *o*-xylene by *Pseudomonas stutzeri* OX1.** *Pseudomonas vol. 5: A model system in biology.* Ramos, JL and Filloux A (Eds.). Springer.

- **Vidal-Aroca F.**, Giannattasio M., Brunelli E., Vezzoli A., Plevani P., Muzi-Falconi M., and Bertoni G. 2006. **One-step high-throughput assay for quantitative detection of β -galactosidase activity in intact gram-negative bacterial, yeast and mammalian cells.** *BioTechniques* 40:433-440
- De la Concha E.G., Fernandez-Arquero M., Martinez, A. Vigil P., **Vidal F.**, Lopez-Nava G., Diaz-Rubio M., Garcia-Paredes J. 1999. **Amino Acid Polymorphism at Residue 71 in HLA-DR Beta Chain Plays a Critical Role in Susceptibility to Ulcerative Colitis.** *Dig. Dis. Sci.* 44:2324-9.
- De La Concha E. G, Fernandez-Arquero M., Martinez A., **Vidal F.**, Vigil P., Conejero L., Garcia-Rodriguez M.C., Fontan G. 1999. **HLA Class II Homozygosity Confers Susceptibility to Common Variable Immunodeficiency (CVID).** *Clin. Exp. Immunol.* 116:516-20.
- Gómez de la Concha E., Fernandez-Arquero M., Martinez A., Dumitru C.G., Vigil P., **Vidal F.**, Figueredo M.A. 1998. **HLA e Inmunodeficiencia Variable Común (HLA and CVID)** *Inmunologia* 17:117-120.

CONGRESSES AND TRAINING

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| March 2009: | Certificate for monitoring activities in Italy according DM 31/03/2008 published in GU Nr 279 28/11/2008. |
| January 2009: | Participation in the basic CRA training . Allschwil (Switzerland). |
| September 2008: | Participation in the GCP training . Verdandi AG. Allschwil (Switzerland). |
| August 2008: | Participation in the Conference “ Molecular Genetics of Bacteria and Phages ”. Cold Spring Harbor laboratory. New York (USA). |
| April 2008: | Participation in the Marie Curie Mid-Term Review meeting . INSERM , Faculté de Médecine, Marseille, France. |
| January 2008: | Participation in the “ Project Management ” intensive seminar, International Business School ZfU, Basel (Switzerland). |
| November 2007: | Participation in the 2 nd ESCMID Conference “ Pseudomonas aeruginosa ”, Barcelona (Spain) |
| July 2007: | Participation in the Summer School: “ Transport across membranes: Multiple drug resistance, mechanisms and new tools ”, JUB, Bremen (Germany) |
| August 2006 | Participation in the Summer School: “ Biosensing with channels: faster, smaller, smarter ”, IUB, Bremen (Germany) |
| November 2005: | Participation in the III Italian Autumn Congress on Cystic Fibrosis , Verona (Italy) |
| November 2004: | Participation in the II Italian Autumn Congress on Cystic Fibrosis , Verona (Italy) |
| September 2004: | Participation in the VI FISV Congress , Riva Del Garda (Italy). |
| May-July 2003: | Participation in the Courses of the Ph.D. Degree , University of Madrid (Universidad Complutense de Madrid, Spain). <ul style="list-style-type: none"> – Molecular Biology of Prokaryotes, – Neurochemistry, – Molecular Bioinformatics, – Designed of Metabolism Pathways. |
| May 2003: | Participation in the Symposium “ Oncogenes and Cancer ”, Madrid (Spain). |
| September 2002: | Participation in the IV FISV Congress , Riva del Garda (Italy). |

- June 1997:** Participation in the **XIII European Congress of Immunology**, Amsterdam (The Netherlands).
- November 1994:** Participation in the Workshop “**Sexually Transmitted Diseases**”, University of Madrid (Universidad Complutense de Madrid, Spain).

CONGRESS COMMUNICATIONS

- **Vidal-Aroca F.**, Meng-Dürr A, Page M.G.P., Dreier J. 2009. **Mefloquine Interferes With Efflux-Pump Activity in *Pseudomonas aeruginosa* and *Escherichia coli***. Gordon Research Conference (Texas, USA).
- Milani A., **Vidal-Aroca F.**, Cisbani G, Macchi R., Ferrara S., Iametti S., Bonomi F., Bertoni G. 2008. **Analysis of a novel membrane protein in the opportunistic pathogen *Pseudomonas aeruginosa***. X Congress of the Italian Society of Life Sciences. (Riva del Garda, Italy).
- **Vidal-Aroca F.**, Page M.G.P., Dreier J. 2007. **Does the Regulation of Efflux-Gene Expression Offer an Opportunity to Combat *Pseudomonas aeruginosa*?**. Università degli Studi di Cagliari (Italy).
- **Vidal-Aroca F.**, Page M.G.P., Dreier J. 2007. **Does the Regulation of Efflux-Gene Expression Offer an Opportunity to Combat *Pseudomonas aeruginosa*?**. International Summer School, IUB. Bremen (Germany).
- **Vidal-Aroca F.**, Macchi R., Dehò G. and Bertoni G. 2006. **Functional Genomics of the Opportunistic Pathogen *Pseudomonas aeruginosa* by Interfering Antisense RNA**. XXV Congress SIMGBM, Orvieto (Italy).
- **Vidal-Aroca F.**, Macchi R., Dehò G. and Bertoni G. 2006. **Functional Genomics of the Opportunistic Pathogen *Pseudomonas aeruginosa* by Interfering Antisense RNA**. International Summer School, IUB. Bremen (Germany).
- **Vidal-Aroca F.** and, Bertoni G. 2005. **Genome Wide Identification of Target Genes for the Design of Non-Conventional Antibiotics against Cystic Fibrosis Related Pathogens**. III Italian Autumn Congress on Cystic Fibrosis. Verona (Italy).
- **Vidal-Aroca F.**, Macchi R., Galli E., Bertoni G. 2002. **Molecular Evolution of the Enhancer-Binding Protein TouR by Pentapeptide Insertion Mutagenesis**. Congress of the Italian Society of Life Sciences. Riva del Garda (Italy).

LANGUAGES

- Spanish:** Native / Mother Tongue.
- English:** Very High Level, spoken & written.
Fluency Courses at the “Galway Cultural Institute” (Ireland, 1998).
- Italian:** Fluent (living in Milan during 6 years).

COMPUTER SKILLS

OS: Windows NT/XP.
MSWord, MSEXcel, MSPowerpoint, MSAccess, SPSS, Outlook.
Basic Design of Webpages.