

C-CMBC Course 2010 Montevideo, Uruguay

Venue and dates:

Department of Chemistry and Pharmacy,
University of Montevideo
Montevideo, URUGUAY
30th November- 5th December 2010



Participants list

Trainee: Dr. Patricia Esperón

Present position: Professor Agregado en Facultad de Quimica
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Junior Member: Maria Eugenia Schroeder

Present position: Assistant researcher- Postgraduate student-Institut Pasteur de Montevideo.
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C-CMBC Uruguay Course participants List

<input type="checkbox"/>	Name	Background/ Position	Email
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in Legal Medicine			
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<input type="checkbox"/>	Fernanda Coitinho	Pharmacist (QF)	mafernandacoutinho@hotmail.com
<input type="checkbox"/>	Flavia Varela	Degree in Clinical Analysis Laboratory	varelaflavia@gmail.com
<input type="checkbox"/>	Ingrid Lima	Q.F	Ingrid.lima@roche.com
<input type="checkbox"/>	Ivette Olano	Q.F.BC.Mag.PhD	olanoivette@yahoo.com
<input type="checkbox"/>	Laura Godnjavek	Biochemistry Clinician	lauragodnjavec@gmail.com
<input type="checkbox"/>	Maria Eugenia Schroeder	Biochemistry Clinical, Postgraduate student in Immunology	mariaeugeniaschroeder@gmail.com
<input type="checkbox"/>	María Machado	Pharmacyst (QF)	marienmachado@gmail.com
<input type="checkbox"/>	Marina Picón	Degree in Biological Science	marina.picon@adinet.com.uy
<input type="checkbox"/>	Sheila Giacaman	Degree in Biochemistry	sheila@doniacoca.com.uy

C-CMBC COURSE FEED BACK FROM PARTICIPANTS

2010: Monte Video, Uruguay

1) Why were you interested in this theoretical and practical course?

Ivette Olano (olanoivette@yahoo.com / iolano@bps.gub.uy): My main motivation was to learn the basics about Molecular Biology, because it has always seemed to me a very attractive field in science and research, mainly due to my postgrade studies because I would like to work in the field of Pharmacogenetics in research.

Fernanda Coitinho (mafernandacoutinho@hotmail.com): I answer you very shortly, the course was very good, it was useful both professionally and also to take more advanced courses in this field of study.

María Machado (marienmachado@gmail.com): I wanted to know a bit more about this topic (Molecular Biology), because I work with inborn errors of metabolism and I am interested in knowing the patients mutation found.

Cecilia Collazo (malazu@yahoo.com / ceci.collazo@gmail.com): The motivation was that Pharmaceutics career doesn't have Molecular Biology in its program of studies and I attended to a course in Molecular Biology in Science Faculty and I liked it very much.

Ingrid Lima (ingrid.lima@roche.com): I found the course very good, with a good level and well organized. I still remember the great disposition of teachers to clarify all doubts that arose but what I most pleasantly remember is their desire to share the material, papers, and other items they had.

Laura Godnjavek (lauragodnjavec@gmail.com): Practical application of the molecular biology techniques that I learnt during my university studies.

Sheila Giacaman (sheila@doniacoca.com.uy): Aplicación práctica de técnicas moleculares aprendidas durante la carrera I really enjoyed the course, it was very interesting. I took the course because since my university studies I liked Molecular Biology and I wanted to keep updated in the practical application of molecular biology techniques learned during the career. Sheila Giacaman

Cecilia Coitinho (ccoitinho@yahoo.com): The need to incorporate new tools in the laboratory which contributes to the improvement of diagnosis and treatment of Tuberculosis.

Flavia Varela (varelaflavia@gmail.com): My motivation was mainly because at the time that the course was held I was working with molecular Biology techniques in a medical genomics clinic and my knowledge's were very basic because I had only attended an introductory course in this field. Lic. Laboratorio clínico.

Maria Eugenia Schroeder

(mariaeugenciaschroeder@gmail.com / marujaschroeder@gmail.com): I decided to enroll in this course because I wanted to acquire theoretical and practical knowledge of different techniques applied in Molecular Biology as I wanted to apply what I would learn during the course in my professional activity. I would like to contribute in the improvement of diagnosis and treatment of autoimmune diseases in my country, so this course was a good chance to acquire new skills in this area. This course was, a great opportunity to learn as much as possible with highly qualified professors. Besides to this I wanted to update in the different technologies which were applied worldwide. On the other I had listened about ifcc so many times during my graduate studies, that I couldn't miss the opportunity to attend a course taught by professionals who came from this worldwide reference institution.

2. Before taking this course, you've already heard or you were trained in the use of molecular biology techniques in Molecular Diagnostics?

Ivette Olano: This was my first opportunity to get closer to the subject, and due to the fact that this techniques are usually mentioned in researching and applied in clinical assay laboratories worldwide this subject has always called my attention.

María Machado: No

Cecilia Collazo :Yes, I took the course I mentioned before in Faculty of Science, and I always attend to any dissertation about this topic during Congress activities.

Marina Picón : Yes, many molecular biology techniques are currently applied for diagnosis purpose in my job.

Ingrid Lima: Yes during my career studies, and in different scientific articles etc.

Laura Godnjavek : Yes, during my graduate studies I had a basic course in Molecular Biology. B.C. Laura Godnjavek

Sheila Giacaman : Yes, during my university studies.

Cecilia Coitinho : Yes, I had already took a course of Molecular Biology, but it was about molecular biology techniques applied to molecular epidemiology of tuberculosis and I was already working with Molecular Biology techniques at the moment of this course.

Flavia Varela: Yes, as I already mentioned to you previously I had took an introductory course and I was workings in a medical genomics clinic. Lic. Laboratorio clínico Flavia Varela

Maria Eugenia Schroeder: Yes during my graduate studies a professor told us that Molecular Biology was being applied worldwide in diagnosis, and I had a brief introduction of

Molecular Biology techniques during my university studies, but I almost didn't have the opportunity to put the theoretical knowledge into practice.

3. What is your personal hand-on experience in Molecular Biology? ¿Have you ever applied molecular biology techniques such as PCR before the course? If so, ¿Which technique/s have you applied, and what have you done with them?

Ivette Olano: Nothing.

Fernanda Coitinho: I haven't worked with molecular biology techniques before this course.

María Machado: Nothing

Cecilia Collazo: I don't apply molecular biology techniques in my job.

Ingrid Lima: DNA extraction and PCR in diagnosis. Before this I did research work.

Laura Godnjavek: Nothing, because I don't work in Molecular Biology field by the moment.

Sheila Giacaman: PCR, Western Blot in the academic environment. During my graduate thesis I applied molecular biology techniques when I worked transforming bacteria's with the aim to synthesize a protein as a potential vaccine against hepatic Fasciola.

Cecilia Coitinho: We were working with "PCR in house" techniques for diagnosis, Mycobacterium tuberculosis complex identification and others Mycobacterium and studies of different mutations related to drugs against tuberculosis. Confirm clinical diagnosis, mycobacterium species identification, evolution and monitoring, early detection of resistance to drugs against tuberculosis.

Flavia Varela: By the moment of the course, reagents preparation, polyacrylamide gels preparation and put samples for electrophoresis running, PCR purification for sequencing.

Maria Eugenia Schroeder: Almost nothing the only thing I could apply before taking this course was during my Graduate studies but as I mentioned before it was almost nothing. B.C. Maria Eugenia Schroeder

4. Did the course fulfill your expectations or not? ¿Do you think it was useful or not? Do you think that it was well organized both the theoretical and practical activities? We would appreciate any suggestion you could give to us in order to improve our theoretical and practical teaching.

Ivette Olano: Yes, very useful. Thank to this course I could take more advanced courses in this field of study

Fernanda Coitinho: The course apart from being very useful, it fulfilled my expectations. The organization was very good, teaching the basic knowledge for good comprehension of the subsequent practical activities and it increased my attention in this field of study. The only

thing I would have liked would be to have deepen a bit more in pharmacogenomics, but is it possible that for this, the course should last much more and because of the structure of this course this would lead to a second course.

María Machado: Yes, but I am not working in this field of study yet.

Cecilia Collazo: The course was very useful, I suggest the professors to send us the theoretical slides before the course so we can take advantage of the course.

Ingrid Lima: Yes, it updated me in the current PCR technologies.

Laura Godnjavek: Yes, it was useful but because of my current job as scientific assessor in Roche and connected to Quality management, I am still not applying my acquired skills during the course because in Uruguay there is not much development and very few application of molecular biology techniques in diagnosis, due to this I still don't apply daily my skills acquired during the course.

Sheila Giacaman: Yes, very well organized.

Cecilia Coitinho: Yes, it was useful. But by this moment I don't remember because the course was held almost three years ago.

Flavia Varela: Yes, very useful, I have already applied what I have learnt. Yes, it was well organized, mainly the theoretical course, and I believe that the most important thing to highlight was all the material provided by the professors during the course. I frequently read this material, and besides to the amount of reading material that gives us the quality of it is remarkable.

Maria Eugenia Schroeder: Yes it was very useful. Because I just not only learned different molecular biology techniques, but also opened my mind about the different technologies and things we could apply nowadays for the improvement of diagnosis in clinical assay laboratories of countries like mine. Learning from this highly qualified professionals from ifcc, enriched me in such a way that this course encouraged me to pursue postgraduate studies in order to specialize in the field of Immunology in order to collaborate in diagnosis and treatment of patients. The theoretical and practical organization was very good and it was remarkable the great disposal that the professors had to share their knowledge and experiences with us to make sure that we had understood everything. The teachers were very enthusiastic and encouraged us to ask them later if we had any doubt when we put what we had learnt during the course into practice. This is important to highlight.

5. Where are you working now and where were you working when you took this course?

Ivette Olano (olanoivette@yahoo.com / iolano@bps.gub.uy): Currently besides being the responsible of therapeutic Monitoring of antiepileptic drugs and responsible of the clinical laboratory assays in inborn screening. I am in charge interim of the clinical assays laboratory of the Instituto de seguridad social.

Fernanda Coitinho: Cystic fibrosis, and I do the organics acids technique in urine.

María Machado: I am currently working in the laboratory SMI, in Immunology and Biochemistry.

Cecilia Collazo: I work as a technician in the Instituto Nacional de Donación y Transplante (Transplantation and Donation Institute)

Ingrid Lima: I am still working in Roche as a scientific assessor and related to the field of quality assessment.

Laura Godnjavek: I am currently working in the mutualist Gremca, as a substitute in clinical assay laboratory in different areas and doing guards. I have not the possibility to apply the molecular biology techniques learnt during the course because the laboratory where I am currently working this techniques are still not applied, but I would really like to apply them. I would like to find a job in something related to Molecular Biology.

Sheila Giacaman: I am the boss of quality control in a food business. Professor of Veterinary Faculty-Microbiology Department.

Cecilia Coitinho: I work in the Molecular Biology Unit in the Commission honoraria de lucha antituberculosa. I am a guard doctor in clinical assay laboratory and I am working in the field of molecular biology in the forensic identification in the legal medicine department in faculty of medicine as a professor.

Flavia Varela: I do clinical assays in the clinical assays laboratory in a sanatory.

Maria Eugenia Schroeder: I am currently working at the Institut Pasteur de Montevideo doing research in the field of Immunology (Autoimmune diseases). When I took this course I was working in two laboratories, as Technical director and scientific assesor of a Laboratory which sold equipment and reagents for Clinical assay laboratories, and I was working in a Clinical assay laboratory too.

**Beginner's Course in Molecular Diagnostics
Committee-Clinical Molecular Biology Curriculum
(C-CMBC-IFCC)**

Montevideo, URUGUAY

30th November- 5th December 2010

SELECTED PHOTOS











