

(For JSPS Fellow)

Form B-2  
(FY2018)

Date (日付)

22/11/2018 (Date/Month/Year: 日/月/年)

### Activity Report -Science Dialogue Program-

(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Marta PINA (ID No. P17394)

- Participating school (学校名): 愛知県立瑞陵高等学校 (Aichi Prefectural Zuiryo High School)

- Date (実施日時): 21/11/2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): From Spain to Japan: Looking for the clues to understand why we walk on two legs

- Name and title of your accompanying person (講義補助者 職・氏名)

教授・中務真人

- Lecture format (講演形式):

◆Lecture time (講演時間) 100 min (分), Q&A time (質疑応答時間) 20 min (分)

◆Lecture style (ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

Projected talk

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

Since I was a little girl I have been interested in nature, primates, evolution, and the ancient times. I had special curiosity about old objects and tools, I did like to go out (anywhere!) and dug a hole in the middle of the field trying to find the most incredible treasures (they were often just beautiful stones or rocks though). Fortunately, after years of study and hard work, my childhood passion has become my job, I am now a paleontologist and physical anthropologist. Since one year ago, I am a researcher in Kyoto University and my work focuses on better understanding the origin and evolution of the different locomotor types that we observe in the living apes, including for example the suspension under the branches performed by extant orangutans or walking and running on two legs like we, humans, do. Basically, I study how primates moved in the past. To do so, I use different methodologies: I compare fossil primates with extant species, I study the bones' morphology through 3D models and engineering techniques, and I also analyze the internal structure of the bones with the aid of special scanners. To reach this point, I studied the degree of Biology and the master degree in Paleontology in Spain. Afterwards, during five years, I worked on my PhD thesis in Barcelona, but I also had the opportunity to travel to different places in the world to complement my work. Having the possibility of travelling abroad has allowed me to meet a bunch of new and different people, knowing other cultures and other ways of working,

and experiencing different types of living. In this regard, living in Japan has been a big change for me. Japan and Spain are very different! However, I am learning new things every day and this is a great professional and personal experience.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

Regarding the contents of the talk, I would recommend to include curious things about the home country more than technical and tough information, as well as audiovisual supports (e.g., videos). Besides, try to include Japanese things that connect with them and their daily life (e.g., if you are reading manga, listening to music from some specific Japanese group, etc.). In relation to science, my recommendations follow the same path, explaining basic things with understandable English and make it like if it was a game.

Otherwise, I would recommend to use basic and easy English, as well as to speak slowly. I guess one important thing is being and show you are an accessible person to be asked or just talk or chat.

- Other noteworthy information (その他特筆すべき事項):

Just say that this is a very rewarding experience in the personal side that would recommend to all the JSPS fellows.

- Impressions and comments from the accompanying person (講義補助者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。)

学生が興味深く聞いてくれ、本人にとっても良い経験になったと思います。