



## Correction: Polymorphisms at phase I-metabolizing enzyme and hormone receptor loci influence the response to anti-TNF therapy in rheumatoid arthritis patients

Luz M. Canet<sup>1</sup> · Jose M. Sánchez-Maldonado<sup>1</sup> · Rafael Cáliz<sup>1,2</sup> · Ana Rodríguez-Ramos<sup>1</sup> · Carmen B. Lupiáñez<sup>1</sup> · Helena Canhão<sup>3</sup> · Manuel Martínez-Bueno<sup>4</sup> · Alejandro Escudero<sup>5</sup> · Juana Segura-Catena<sup>1</sup> · Signe B. Sorensen<sup>6,7</sup> · Merete L. Hetland<sup>6,7</sup> · María José Soto-Pino<sup>2</sup> · Miguel A. Ferrer<sup>2</sup> · Antonio García<sup>2</sup> · Bente Glintborg<sup>6,8</sup> · Ileana Filipescu<sup>9</sup> · Eva Pérez-Pampin<sup>10</sup> · Alfonso González-Utrilla<sup>2</sup> · Miguel Ángel López Nevot<sup>11</sup> · Pablo Conesa-Zamora<sup>12</sup> · Alfons den Broeder<sup>13</sup> · Salvatore De Vita<sup>14</sup> · Sven Erik Hobe Jacobsen<sup>6,7</sup> · Eduardo Collantes-Estevez<sup>5</sup> · Luca Quartuccio<sup>14</sup> · Federico Canzian<sup>15</sup> · João E. Fonseca<sup>16,17</sup> · Marieke J. H. Coenen<sup>13</sup> · Vibeke Andersen<sup>18,19</sup> · Juan Sainz<sup>1,2</sup>

Published online: 14 February 2019  
© Springer Nature Limited 2019

**Correction to: The Pharmacogenomics Journal;**  
<https://doi.org/10.1038/s41397-018-0057-x>;  
published online Feb 2019

The original version of this Article contained an error in the spelling of the author Ana Rodríguez-Ramos, which was incorrectly given as Ana Rodríguez Ramos. This has now been corrected in both the PDF and HTML versions of the Article.

✉ Juan Sainz  
juan.sainz@genyo.es

- <sup>1</sup> Genomic Oncology Area, GENYO Centre for Genomics and Oncological Research, Pfizer / University of Granada / Andalusian Regional Government, PTS Granada, Granada, Spain
- <sup>2</sup> Rheumatology Department, Virgen de las Nieves University Hospital, Granada, Spain
- <sup>3</sup> CEDOC, EpiDoC Unit, NOVA Medical School and National School of Public Health, Universidade Nova de Lisboa, Lisbon, Portugal
- <sup>4</sup> Area of Genomic Medicine, GENYO Centre for Genomics and Oncological Research, Pfizer / University of Granada / Andalusian Regional Government, Granada, Spain
- <sup>5</sup> Rheumatology Department, Reina Sofía Hospital/IMIBIC/ University of Córdoba, Córdoba, Spain
- <sup>6</sup> The Danish Rheumatologic Biobank, the DANBIO Registry and Copenhagen Center for Arthritis Research (COPECARE), Center for Rheumatology and Spine Diseases, Centre of Head and Orthopaedics, Rigshospitalet, Glostrup, Denmark
- <sup>7</sup> Faculty of Health and Medical Sciences, Department of Clinical Medicine, University of Copenhagen, Copenhagen, Denmark
- <sup>8</sup> Department of Rheumatology, Gentofte and Herlev Hospital, Copenhagen University Hospital, Copenhagen, Denmark
- <sup>9</sup> Rheumatology Department, University of Medicine and Pharmacy

“Iuliu Hatieganu”, Cluj-Napoca, Romania

- <sup>10</sup> Rheumatology Unit, University Hospital of Santiago de Compostela, Santiago de Compostela, Spain
- <sup>11</sup> Immunology Department, Virgen de las Nieves University Hospital, Granada, Spain
- <sup>12</sup> Clinical Analysis Department, Santa Lucía University Hospital, Cartagena, Spain
- <sup>13</sup> Department of Human Genetics, Radboud University Medical Center, Radboud Institute for Health Sciences, Nijmegen, The Netherlands
- <sup>14</sup> Department of Medical and Biological Sciences, Clinic of Rheumatology, University of Udine, Udine, Italy
- <sup>15</sup> Genomic Epidemiology Group, German Cancer Research Center (DKFZ), Heidelberg, Germany
- <sup>16</sup> Rheumatology and Metabolic Bone Diseases Department, Hospital de Santa Maria, CHLN, Lisbon, Portugal
- <sup>17</sup> Rheumatology Research Unit, Faculty of Medicine, Instituto de Medicina Molecular, University of Lisbon, Lisbon Academic Medical Center, Lisbon, Portugal
- <sup>18</sup> Focused Research Unit for Molecular Diagnostic and Clinical Research, IRS-Center Sonderjylland, Hospital of Southern Jutland, DK-6200 Aabenraa, Denmark
- <sup>19</sup> Faculty of Health Sciences, Institute of Molecular Medicine, University of Southern Denmark, Odense, Denmark