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ERRATUM

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Erratum to: Making sense of big data in health research: towards an EU action plan

Charles Auffray^{1,2*}, Rudi Balling^{3*}, Inês Barroso⁴, László Bencze⁵, Mikael Benson⁶, Jay Bergeron⁷, Enrique Bernal-Delgado⁸, Niklas Blomberg⁹, Christoph Bock^{10,11,12}, Ana Conesa^{13,14}, Susanna Del Signore¹⁵, Christophe Delogne¹⁶, Peter Devilee¹⁷, Alberto Di Meglio¹⁸, Marinus Eijkemans¹⁹, Paul Flicek²⁰, Norbert Graf²¹, Vera Grimm²², Henk-Jan Guchelaar²³, Yi-Ke Guo²⁴, Ivo Glynne Gut²⁵, Allan Hanbury²⁶, Shahid Hanif²⁷, Ralf-Dieter Hilgers²⁸, Ángel Honrado²⁹, D. Rod Hose³⁰, Jeanine Houwing-Duistermaat³¹, Tim Hubbard^{32,33}, Sophie Helen Janacek²⁰, Haralampos Karanikas³⁴, Tim Kievits³⁵, Manfred Kohler³⁶, Andreas Kremer³⁷, Jerry Lanfear³⁸, Thomas Lengauer¹², Edith Maes³⁹, Theo Meert⁴⁰, Werner Müller⁴¹, Dörthe Nickel⁴², Peter Oledzki⁴³, Bertrand Pedersen⁴⁴, Milan Petkovic⁴⁵, Konstantinos Pliakos⁴⁶, Magnus Rattray⁴¹, Josep Redón i Màs⁴⁷, Reinhard Schneider³, Thierry Sengstag⁴⁸, Xavier Serra-Picamal⁴⁹, Wouter Spek⁵⁰, Lea A. I. Vaas³⁶, Okker van Batenburg⁵⁰, Marc Vandelaer⁵¹, Peter Varnai⁵², Pablo Villoslada⁵³, Juan Antonio Vizcaíno²⁰, John Peter Mary Wubbe⁵⁴ and Gianluigi Zanetti^{55,56}

Erratum

The published article [1] has two points of confusion in the section entitled “Technical challenges related to the management of electronic health records”. Firstly, the International Rare Diseases Research Consortium (IRDiRC) has developed policies and guidelines on approaches to data sharing meant to enable and improve the development of diagnoses and therapies for rare diseases. However, at present, IRDiRC has not developed best practices for the management of electronic health records (EHRs). Secondly, RARE-Bestpractices is a European Commission 7th Framework Programme (FP7) funded initiative, independent of IRDiRC. RARE-Bestpractices contributes to IRDiRC goals and objectives; however the initiative itself is not sponsored nor connected to IRDiRC.

Author details

¹European Institute for Systems Biology and Medicine, 1 avenue Claude Vellefaux, 75010 Paris, France. ²CIRI-UMR5308, CNRS-ENS-INSERM-UCBL, Université de Lyon, 50 avenue Tony Garnier, 69007 Lyon, France. ³Luxembourg Centre for Systems Biomedicine, University of Luxembourg, 7 Avenue des Hauts Fourneaux, 4362 Esch-sur-Alzette, Luxembourg. ⁴Wellcome Trust Sanger Institute, Wellcome Genome Campus, Hinxton, Cambridge CB10 1SA, UK. ⁵Health Services Management Training Centre, Faculty of Health and Public Services, Semmelweis University, Kútvolgyi út 2, 1125 Budapest, Hungary. ⁶Centre for Personalised Medicine, Linköping University, 581 85 Linköping, Sweden. ⁷Translational & Bioinformatics, Pfizer

Inc., 300 Technology Square, Cambridge, MA 02139, USA. ⁸Institute for Health Sciences, IACS - IIS Aragon, San Juan Bosco 13, 50009 Zaragoza, Spain. ⁹ELIXIR, Wellcome Genome Campus, Hinxton, Cambridge CB10 1SD, UK. ¹⁰CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences, Lazarettgasse 14, AKH BT25.2, 1090 Vienna, Austria. ¹¹Department of Laboratory Medicine, Medical University of Vienna, Lazarettgasse 14, AKH BT25.2, 1090 Vienna, Austria. ¹²Max Planck Institute for Informatics, Campus E1 4, 66123 Saarbrücken, Germany. ¹³Príncipe Felipe Research Center, C/ Eduardo Primo Yúfera 3, 46012 Valencia, Spain. ¹⁴University of Florida, Institute of Food and Agricultural Sciences (IFAS), 2033 Mowry Road, Gainesville, FL 32610, USA. ¹⁵Bluecompanion Ltd, 6 London Street (second floor), London W2 1HR, UK. ¹⁶Technology, Data & Analytics, KPMG Luxembourg, Société Coopérative, 39 Avenue John F. Kennedy, 1855 Luxembourg, Luxembourg. ¹⁷Department of Human Genetics, Department of Pathology, Leiden University Medical Centre, Einthovenweg 20, 2333 ZC Leiden, The Netherlands. ¹⁸Information Technology Department, European Organization for Nuclear Research (CERN), 385 Route de Meyrin, 1211 Geneva 23, Switzerland. ¹⁹Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Heidelberglaan 100, 3508 GA Utrecht, The Netherlands. ²⁰European Molecular Biology Laboratory, European Bioinformatics Institute (EMBL-EBI), Wellcome Genome Campus, Hinxton, Cambridge CB10 1SD, UK. ²¹Department of Pediatric Oncology/Hematology, Saarland University, Campus Homburg, Building 9, 66421 Homburg, Germany. ²²Project Management Jülich, Forschungszentrum Jülich GmbH, Wilhelm-Johnen-Straße, 52428 Jülich, Germany. ²³Department of Clinical Pharmacy & Toxicology, Leiden University Medical Centre, Albinusdreef 2, 2333 ZA Leiden, The Netherlands. ²⁴Data Science Institute, Imperial College London, South Kensington, London SW7 2AZ, UK. ²⁵CNAG-CRG, Center for Genomic Regulation, Barcelona Institute for Science and Technology (BIST), C/Baldrii Reixac 4, 08029 Barcelona, Spain. ²⁶Institute of Software Technology and Interactive Systems, TU Wien, Favoritenstrasse 9-11/188, 1040 Vienna, Austria. ²⁷The Association of the British Pharmaceutical Industry, 7th Floor, Southside, 105 Victoria Street, London SW1E 6QT, UK. ²⁸Department of Medical Statistics, RWTH-Aachen University, Universitätsklinikum Aachen, Pauwelsstraße 30, 52074 Aachen, Germany. ²⁹SYNAPSE Research Management Partners, Diputació 237, Àtic 3^a, 08007 Barcelona, Spain. ³⁰Department of Infection, Immunity and Cardiovascular Disease and Insigneo Institute for In-Silico Medicine, Medical School, University of Sheffield, Beech Hill Road, Sheffield S10 2RX, UK. ³¹Department of Statistics,

* Correspondence: c Auffray@eisbm.org; rudi.balling@uni.lu

¹European Institute for Systems Biology and Medicine, 1 avenue Claude Vellefaux, 75010 Paris, France

³Luxembourg Centre for Systems Biomedicine, University of Luxembourg, 7 Avenue des Hauts Fourneaux, 4362 Esch-sur-Alzette, Luxembourg
Full list of author information is available at the end of the article

School of Mathematics, University of Leeds, Leeds LS2 9JT, UK. ³²Department of Medical & Molecular Genetics, King's College London, London SE1 9RT, UK. ³³Genomics England, London EC1M 6BQ, UK. ³⁴National and Kapodistrian University of Athens, Medical School, Kristou Lada 6, 10561 Athens, Greece. ³⁵Vitromics Healthcare Holding B.V., Onderwijsboulevard 225, 5223 DE 's-Hertogenbosch, The Netherlands. ³⁶Fraunhofer Institute for Molecular Biology and Applied Ecology ScreeningPort, Schnackenburgallee 114, 22525 Hamburg, Germany. ³⁷ITM S.A., 9 avenue des Hauts Fourneaux, 4362 Esch-sur-Alzette, Luxembourg. ³⁸Research Business Technology, Pfizer Ltd, GP4 Building, Granta Park, Cambridge CB21 6GP, UK. ³⁹Health Economics & Outcomes Research, Deloitte Belgium, Berkenlaan 8A, 1831 Diegem, Belgium. ⁴⁰Janssen Pharmaceutica N.V., R&D G3O, Turnhoutseweg 30, 2340 Beerse, Belgium. ⁴¹Faculty of Life Sciences, University of Manchester, AV Hill Building, Oxford Road, Manchester M13 9PT, UK. ⁴²UMR3664 IC/CNRS, Institut Curie, Section Recherche, Pavillon Pasteur, 26 rue d'Ulm, 75248 Paris cedex 05, France. ⁴³Linguamatics Ltd, 324 Cambridge Science Park Milton Rd, Cambridge CB4 0WG, UK. ⁴⁴PwC Luxembourg, 2 rue Gerhard Mercator, 2182 Luxembourg, Luxembourg. ⁴⁵Philips, HighTechCampus 36, 5656AE Eindhoven, The Netherlands. ⁴⁶Department of Public Health and Primary Care, KU Leuven Kulak, Etienne Sabbelaan 53, 8500 Kortrijk, Belgium. ⁴⁷INCLIVA Health Research Institute, University of Valencia, CIBERobn ISCIII, Avenida Menéndez Pelayo 4 accesorio, 46010 Valencia, Spain. ⁴⁸Swiss Institute of Bioinformatics (SIB) and University of Basel, Klingelbergstrasse 50/70, 4056 Basel, Switzerland. ⁴⁹Agency for Health Quality and Assessment of Catalonia (AQuAS), Carrer de Roc Boronat 81-95, 08005 Barcelona, Spain. ⁵⁰EuroBioForum Foundation, Chrysantstraat 10, 3135 HG Vlaardingen, The Netherlands. ⁵¹Integrated BioBank of Luxembourg, 6 rue Nicolas-Ernest Barblé, 1210 Luxembourg, Luxembourg. ⁵²Technopolis Group, 3 Pavilion Buildings, Brighton BN1 1EE, UK. ⁵³Hospital Clinic of Barcelona, Institute d'Investigacions Biomediques August Pi Sunyer (IDIBAPS), Rosello 149, 08036 Barcelona, Spain. ⁵⁴European Platform for Patients' Organisations, Science and Industry (Epossi), De Meeûs Square 38-40, 1000 Brussels, Belgium. ⁵⁵CRS4, Ed.1 POLARIS, 09129 Pula, Italy. ⁵⁶BBMRI-ERIC, Neue Stiftingtalstrasse 2/B/6, 8010 Graz, Austria.

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Reference

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