



GS1 Healthcare Conference

11-14 February 2008
Escuela Andaluza de Salud Pública
Granada, Spain



Hosted by:



Servicio Andaluz de Salud
CONSEJERÍA DE SALUD

Supported by:



Welcome to the GS1 Healthcare Conference

Dear Participant,

Welcome to the GS1 Healthcare Conference in Granada!

First and foremost we would like to thank the Andalusian Health Service (SAS) for hosting this conference in the “Escuela Andaluza de Salud Pública”. We would also like to thank GS1 Spain for their support and HEFAGRA for hosting the visit to their new distribution center.

This event represents an opportunity for all of us to expand our understanding of the needs in Healthcare for global standards to improve patient safety worldwide and to increase the efficiency of the Healthcare supply chain.

Distinguished speakers from regulatory authorities, hospitals, industry associations and other stakeholders will share their insights during the plenary sessions.

The breakout sessions will allow you to contribute to building a more comprehensive and unified set of requirements, standards, and solutions going forward. We strongly encourage you to actively participate to these sessions.

Last, but not least, in keeping with GS1’s tradition of working hard and playing hard, please join us at the Networking Event on Wednesday night.

Thank you for participating to the GS1 Healthcare Conference. We hope you will have an interesting, challenging and educational few days.

Best regards,



Michel van der Heijden
President Healthcare
GS1 Global Office

General Information

Conference Venue	Escuela Andaluza de Salud Pública Campus Universitario de la Cartuja Granada, Spain
Working Language	English (Simultaneous translation into English during the plenary sessions)
Dress Code	Business
Internet Access	Wireless Internet access is available in designated areas in the conference venue. User name and password will be provided during the conference.
How to get around	<p>From and to the Airport:</p> <ul style="list-style-type: none"> - Bus to city center "following the arrival of every flight" www.autocaresjosegonzalez.com 45 minutes - 3 Euro - Taxi to city center 20-27 Euro <p>From and to the Conference Venue:</p> <ul style="list-style-type: none"> - The Conference Venue is a 15 minutes taxi drive from the city center. - For your convenience, we have arranged for buses between the 2 conference hotels (Hotel Meliá Granada and Hotel MA Nazariés) and the conference venue ('Escuela'). These buses are free of charge for conference participants.

Departure time:

Monday 11 February	
Escuela -> each hotel	18:10 and 18:30
Tuesday 12 February	
each hotel -> Escuela	8:00 and 10:00
Escuela -> each hotel	19:30
Wednesday 13 February	
each hotel -> Escuela	8:30
Escuela -> Alhambra	18:10
Alhambra -> each hotel	23:00 and 23:30
Thursday 14 February	
each hotel -> Escuela	8:30
Escuela -> Hefagra DC	12:40
Hefagra DC -> Escuela	14:10
Escuela -> each hotel	18:10

Agenda

Monday, 11 February 2008	
14:00 – 18:00	BREAKOUT SESSIONS (open to end-users)
14:00 – 18:00	Work Teams – parallel sessions <ul style="list-style-type: none"> - AIDC Standards – Carrier/ Application Standards - Global Data Synchronisation & Product Classification - Traceability in Healthcare
Tuesday, 12 February 2008	
8:30 – 14:00	Registration
8:45 – 10:30	PRIMER SESSION (open to all)
8:45 – 9:30	Training Session: Introduction to GS1 Standards <ul style="list-style-type: none"> - Bar codes – Scott Gray - EPCglobal – Gena Morgan - GDSN – Peter Alvarez - eCom – Scott Gray
9:30 – 10:30	Training Session: Introduction to GS1 Healthcare Work Teams <ul style="list-style-type: none"> - Global Standards Development – Tom Heist - AIDC Application Standards – Tom Heist - Traceability in Healthcare – Janice Kite - Data Synchronisation & Product Classification – Peter Alvarez
10:30 – 11:00	Coffee break
11:00 – 13:00	PLENARY SESSION (open to all)
11:00 – 11:15	Welcome Juan Carlos Castro, General Manager Andalusian Health Service
11:15 – 11:30	Opening José María Bonmatí Pérez, CEO GS1 Spain
11:30 – 11:45	GS1 Healthcare Update Michel van der Heijden, President Healthcare, GS1 Global Office
11:45 – 12:10	European Commission – Unique Device Identification Sharon Frank
12:10 – 12:35	Hong Kong Hospital Authority Raymond Wong
12:35 – 13:00	Ministero della Salute - Ministry of Health Italy Claudia Biffoli

13:00 – 14:00	Lunch
14:00 – 18:00	BREAKOUT SESSIONS (open to end-users)
14:00 – 18:00	Work Teams – parallel sessions <ul style="list-style-type: none"> - AIDC Standards – Carrier/ Application Standards - Traceability in Healthcare
18:00 – 19:30	Welcome Drink – sponsored by SAS
Wednesday, 13 February 2007	
9:00 – 13:00	PLENARY SESSION (open to all)
9:00 – 9:30	RFID Pilot at the University Hospital of Dijon – Geodis Jean Christophe Lecosse, Geodis & François Bisch, CHU Dijon
9:30 – 10:00	Servicio Andaluz de Salud (SAS) - Andalusian Health Service Jesus Gavira
10:00 – 10:30	Servicio Gallego de Salud (SERGAS) - Galician Health Service María José García Sexto
10:30 – 10:45	National Drug and Medical Devices Project in Turkey Doruk Gökşin
10:45 – 11:15	Coffee break
11:15 – 11:35	Pfizer's Pedigree & RFID Pilots – An Overview Tim Marsh, Pfizer
11:35 – 12:00	Barcode Guideline for Medical Devices in Japan Mr. Harayama, Chairman of IT committee in JFMDA
12:00 – 12:30	G-Standard – A best practice from the Dutch Polder Rick Dekker, KNMP - Royal Dutch Association for the Advancement of Pharmacy
12:30 – 13:00	Monash Pharmacy Project in Australia John Hearn, GS1 Australia
13:00 – 14:00	Lunch
14:00 – 18:00	BREAKOUT SESSIONS (open to end-users)
14:00 – 18:00	Work Teams – parallel sessions <ul style="list-style-type: none"> - Global Data Synchronisation & Product Classification - Traceability in Healthcare
18:30 – 23:30	Networking Event: Visit to Alhambra, Cocktail and traditional Flamenco show, Dinner

Thursday, 14 February 2007

9:00 – 13:00	PLENARY SESSION (open to all)
9:00 – 11:00	Update GS1 Healthcare in countries Australia - John Hearn Austria - Barbara Dorner Canada - Alicia Duval France - Valérie Marchand Germany - Bettina Bartz Spain – Mónica Soler Switzerland - Christian Hay UK - Roger Lamb US - John Terwilliger
11:00 – 11:30	Coffee break
11:30 – 11:55	EGA (European Generic medicines Association) René Kappers
11:55 – 12:10	Eucomed Mike Kreuzer
12:10 – 12:30	EDMA (European Diagnostic Manufacturers Association) Andy Rutter
12:30 – 14:30	Visit to the new distribution center in Granada of HEFAGRA (Hermandad Farmacéutica Granadina) - one of the most important Spanish wholesalers
14:30 – 18:00	BREAKOUT SESSIONS (open to end-users)
14:30 – 18:00	Work Teams – parallel sessions <ul style="list-style-type: none"> - AIDC Standards – Carrier/ Application Standards - Global Data Synchronisation & Product Classification
18:00	Closure of Conference

About

About SAS

The Andalusian Health Service (SAS) is an autonomous body attached to the Health Ministry of the Andalusian Regional Government is part of the Andalusian Public Health System (SSPA).

Its mission is to provide health care to the citizens of Andalusia, offering quality public health services, ensuring its accessibility and fairness and the satisfaction of its users, and aspiring to be efficient and take maximum advantage of available resources.

The SAS has an integrated network of care services organised so as to guarantee its accessibility for the population and a fair distribution of resources, including 1,452 Primary Care centres, so everyone in Andalusia has one at only a few minutes from their home by standard transport and 29 hospitals, distributed throughout Andalusia.

About Alhambra

The Alhambra is a palace and fortress complex of the Moorish monarchs of Granada and is a UNESCO World Heritage Site.

The Alhambra is one of the 21 finalist candidates in the campaign to choose the New 7 Wonders of the World.

About Hefagra

Hefagra is one of the most important pharmaceutical wholesalers in Spain. Their new distribution center in Granada features the latest technological advances in reception, storage and preparation and dispatch processes, making it one the most automated wholesalers in Europe

Plenary Speakers



Claudia BIFFOLI is Head of Information System Unit, General Directorate for the Information System, Ministry of Health, Italy from 2004. She deals particularly with the IT systems connected to medicines and medical devices. She coordinates besides the working group of the project “drug tracking system in Italy”



François BISCH is Logistics Manager and Associate Lecturer at the university hospital CHU Dijon (France). Mr. Bisch is currently also Chairman of the Hospital Logistics Committee of ASLOG/ELA (French Logistics Association and European Logistics Association). Before joining CHU Dijon in 1998, he has worked in logistics management since 1980 in different multinational companies, including Proctor & Gamble and Armstrong World Industries.



José Mª BONMATI is Chief Executive Officer of GS1 Spain. Mr. Bonmati was born in Barcelona the 20th of May, 1961. He has a degree in Economics from the University of Barcelona and a complementary degree in Business Administration from the IESE. University of Navarra (PDG). He has a degree in ADECA from the Institut International San Telmo (Sevilla). GS1 Spain is an Association that joins together more than 23.500 companies, retailers, wholesalers and manufacturers. We work to improve the efficiency between retailers and manufacturers in order to provide more added value to the consumer, through the identification of opportunities of improvement along the Supply Chain.



Rick DEKKER studied Economics, Informatics and Organisational Theory. He has 20 years of experience in the development of business applications, first as a consultant for Cap Gemini, mainly in Logistics and since 1996 in Healthcare. After working for a large Pharmaceutical Wholesaler for 6 years, he became Program Manager at the Royal Dutch Association for the Advancement of Pharmacy (KNMP) in 2002.



Sharon FRANK studied law at the University of Amsterdam, Hebrew University of Jerusalem and Saint Louis University School of Law. From 1999-2002 she was a PhD at the E.M.Meijers Institute for Legal Studies at Leyden University. In the framework of her PhD research, she visited the European University Institute in Florence in 2001. In 2000-2002 she was affiliated with the University of Amsterdam, lecturing European law at the Europa Institute and the Tulane-Amsterdam Summer School. Sharon Frank is currently working at the European Commission in the Sector of medical devices as a legislative officer. She is the author of the book: "A New Model for European Medical Device Regulation; A Comparative Legal Analysis in the EU and the USA".



María José García Sexto is Project Manager of Technology at SERGAS (Galician Health Service, Spain). From 1999 to 2002, she was Coordinator of the ERP implementation in the centres of SERGAS. She is also member of the Committee for the definition and evolution of the system. Since 2002, she is Head of Project Technology area of the scope of Economic Resources and Human Resources at the Technological Services Centers of the Ministry of Health.

Jesus GAVIRA is Deputy Director of Purchasing and Logistics of the Andalusian Health Service. He is also a member of the Committee of the Sector Health of GS1 Spain and coordinates the activities of the Technical Commission of Purchases and Logistics of the National Health System. Mr. Gavira holds a degree in Medicine and Surgery by the University of Seville, graduated in Public Health and health Administration by the Andalusian School of Public Health, and has a Master in Economy of the Health and Sanitary Management by the Central Universities and Pompeu Fabra of Barcelona.



Doruk GÖKŞİN holds a degree in Interior Architecture & Environmental Design from the Bilkent University in Turkey. He is currently Project Manager of the National Data Bank (TİTUBB) Project of Drug & Medical Equipment in Turkey, and Field Specialist, Medical Equipment at Tepe Technologic Services Co. He is also teaching 'Healthcare Design' at the Bilkent University. From 1996 until 2006, he has held several positions in healthcare IT and hospital design, including Consultant at the Healthcare Investment Directorate of Meteksan System and Information Technologies.



Mr. HARAYAMA is Chairman of the IT Committee of The Japan Federation of Medical Devices Associations (JFMDA) since April of 2007, after serving as chairman of the Distribution Affairs Committee of JFMDA since April 2004.

After graduating at the Medical Electronics Department of the Tokyo Electronics College in 1980, he has been working for Japan Medical Dynamic Marketing, Inc., which trades medical products in the orthopedic field.

As Director of Inspection Office of Japan MDM, Inc., he has a wide range of activities in relation to medical industry associations such as the Japan Fair Trade Council of the Medical Devices Industry and the Japan Medical Devices Association as well as JFMDA.

He also has participated in the Study Group for the Traceability of Pharmaceuticals and Medical Devices in GS1 Japan since 2005.



John HEARN joined GS1 Australia in 1997, as an Advisor in the Member & Industry Support team, responsible for assisting companies in their adoption and implementation of the GS1 System across a wide range of industries.

John was given full responsibility for both the operation and development of GS1 Australia's Data Synchronisation platform, EANnet in early 1999. From June 2002 until October 2006, John was responsible for the development of the Professional Services team at GS1, providing a range of consulting and implementation services, which included the design, development and build of the original Australian Catalogue of Medicines (ACOM) solution using GS1 Australia's Data Synchronisation platform.

In John's current role of General Manager – Member & Industry Support, he is responsible for managing the Member support team (Help desk), the Industry Services team (Industry Sector Development), as well as the Corporate Account Management programme.



René KAPPERS is Director Corporate Communications at Teva Pharmachemie based in Haarlem, the Netherlands. His professional life in Healthcare started in 1969. He served for US and Dutch companies in various sales and senior marketing positions and eventually in corporate communications.

Mr.Kappers is one of the 'founding fathers' of the European Generic medicines Association (EGA) in 1990. He serves as Board member and is involved in the commercial and health-economic committees. At present he is chair of the EGA anti-counterfeiting committee.

He holds a Certification in Integrated Resource Management, CIRM since 1997 from APICS, the US Association for Operations Management. For his communication achievements he received a Dutch royal honours in 2005, Knight in the order of Orange-Nassau.



Michael KREUZER is the Technical and Regulatory director of ABHI (Association of British Healthcare Industries). In addition, he is also the chairman of the Eucomed E-business and supply chain management task force (ETF) as well as the Association Secretaries Council, a role which brings him into close contact with the various national medical technology associations in Europe. The current focus of the Eucomed ETF group is bar coding and auto identification capture technologies.



Jean-Christophe LECOSSE is Innovation & Business Intelligence Manager at Geodis. He is responsible for pilot follow-ups (health, automotive and industrial market), development of new offers and the monitoring of projects implementing the RFID in transport and logistic. He has recently been elected Chairman of filRFID (filRFID is the first professional federation bringing together France's main RFID players). From 2003 to mid 2006, he was Director of BM Pack services (Collecting, washing, recycling, and processing of industrial packing, responsible of the development of an ASP offer in traceability of all types of containers from the chemical market and the applicative trade mainly adapted to the asset management of a park of containers (rate of rotations, real time localisation, maintenance...)).



Tim MARSH is Senior Manager of Global Packaging Technology at Pfizer. He is primarily responsible for the identification, development and deployment of anti-counterfeiting technologies for Pfizer pharmaceutical and animal health products globally. Tim also leads Pfizer's RFID initiatives and is active in the development of their mass serialization strategies. Tim received his bachelor's degree in Mechanical Engineering from Pennsylvania State University in 1992. He also holds associate degrees in engineering and liberal arts and earned a certificate in Auto-ID and RFID from MIT in 2004. Tim also received barcode certification from GS1 in 2007. Tim joined Pfizer in 2002 after having worked in the medical device area of healthcare for B.Braun, Becton Dickinson and Saint-Gobain.



Andy RUTTER is the Quality Assurance and Regulatory Affairs Manager at Molecular Light Technology Research Ltd (MLT). MLT was established in 1991 as a spin-out from the University of Wales College of Medicine (now Cardiff University Medical School). In 2003, MLT was acquired by Gen-Probe Incorporated of San Diego. Andy serves the role of Authorized Representative for Gen-Probe in the European Union in accordance with the Directive on In Vitro Diagnostics Medical Devices. MLT is a corporate member of the European Diagnostic Manufacturers Association (EDMA), for which Andy is a member of the Strategic and Regulatory Affairs Committees and is the Chairman of the EDMA Unique Device Identification Group.



Michel VAN DER HEIJDEN is President Healthcare at GS1. His other responsibilities include Finance and Administration, Strategic Alliances and New Sectors.

Michel brings with him a wealth of global management experience in international business activities, particular in the Healthcare Industry. His professional career spans work and knowledge in international finance, information systems, human resources and turn-around management. Michel spent 20 years with Johnson & Johnson, heading local and regional CFO functions in the companies Pharmaceutical, Consumer Goods and Medical Device units. He also spent 3 years with Novartis (Pharma) in Switzerland as the global CFO for Primary Care and has lived and worked in 6 countries, namely Belgium, the Netherlands, Mexico, US, Greece and Switzerland.



Raymond WONG is Head of the Business Support Services at the Hong Kong Hospital Authority Head Office. He is the Senior Executive in charge of procurement, support services and biomedical engineering services and a facility planner in the Hospital Authority. He is presently steering the development and implementation of corporate improvements in procurement and supplies logistics support, together with ERP technology and system applications in supply chain operations.

Previously, Mr Wong was the General Manager of Queen Mary Hospital between 1991 and 2001. In this role, he implemented numerous strategic and operational improvements in modernizing procurement, information technology, facility management and ancillary support services. Amongst his current major interests in community services and voluntary work, Mr Wong is the Chairman of the Society for Promotion of Hospice Care, Member of Board of Governors of the Institute for Health Policy and Systems Research and a volunteer of the Phoenix Clubhouse for psychiatric patients in Hong Kong.

He received his M.Sc. degree in Public Sector Management with PSM Prize Award from Aston Business School.

Work Team

AIDC Application Standards

Carrier Work Team

The goal of the Carrier Work Team is to complete the gathering, analysis and mapping of Automatic Identification Data Capture (AIDC) carriers. The AIDC carriers under study are bar codes and RFID tags. The work team is interested in three specific details about carrier placement on a healthcare product and the product's packaging. These details are: Speed, Size and Substrate.

- For speed, we need to identify the ranges of production line speed when the carrier is applied to the product and the product's packaging. The ranges would be the fastest line speed being used for a healthcare product, the slowest line speed being used for a healthcare product and the average line speed for a company's portfolio of healthcare products.
- For size, we need to identify the panel size for the carrier on the product and the product's packaging. Panel size is the size of the area in height and width that is available for the placement of a carrier.
- For substrate, we need to identify the material on which the carrier is placed. As examples: paper, cardboard, flexible plastic, rigid plastic.

A form prepared by the Carrier Work Team and provided to the participants will contribute to this study. Because the work team needs to work with data and the nature of this information may be proprietary, special care will be taken not to identify the source of the data. To maintain security of the source of the information, a collection box will be available for deposit of the information before the start of the session.

AIDC Application Standards Work Team

The Application Standards Work Team is in the very early stages of studying the business, data and carrier requirements to determine the needs for additional GS1 standards, as example: the need for a standard that will enable the automatic data capture of lot based serial numbers. The work team will also be presenting their methodology for developing application standards. The methodology will be presented at the conference to assure common understanding among all participants.

Work Team Leadership

Co-Chairs:

- Mark Hoyle, Covidien
- Mark Walchak, Pfizer (Carrier Work Team)
- Grant Hodgkins, AlconLabs (AIDC Application Standards Work Team)

Work Team Facilitator: Tom Heist (E: tom.heist@gs1.org)

Work Team

Data Synchronisation & Product Classification

Data Synchronisation Work Team

GS1 together with the work team conducted a gap analysis of 293 specific healthcare business needs against the current GDSN standard. The results prove that the GDSN is capable of meeting the needs identified thus far by global healthcare community:

- 228 requirements are supported by the current GDSN standard
- 27 new requirements need to be defined by the users and added to the GDSN standard
- 38 were duplicates or not needed and therefore eliminated

To ensure a smooth and planned production implementation of the Global Data Synchronisation Network in Healthcare, GS1 is organising a global proof-of-concept pilot. The pilot will demonstrate that the GDSN can support healthcare business needs for both the GS1 Global Registry® and the GDSN functionality and attribute utilisation.

Classification Work Team

The Classification work team has agreed on a classification deployment strategy. The strategy accelerates users' ability to participate in the GDSN pilot without having to replace internal or proprietary classification systems.

To accelerate progress, three high-level product classes have been created:

- Drugs and Nutritionals
- Medical Devices
- Non-medical supplies

This approach provides needed structure to further develop other product classes when needed, while facilitating the global Proof-of-Concept pilot.

The current GDSN standard also supports the use of additional classification systems beyond GPC, such as UNSPSC (United Nations Standard Product and Services Code) or one of the many others in use in various parts of the world.

Work Team Leadership

Co-Chairs:

- Joe Pleasant, Premier, Inc. (Data Synchronisation)
- Tom Werthwine, Johnson & Johnson (Data Synchronisation)
- Leighton Hansel, Abbot Laboratories (Product Classification)
- Dave Turner, Novation (Product Classification)

Work Team Facilitator: Peter Alvarez (E: peter.alvarez@gs1.org)

Work Team Traceability in Healthcare

The Traceability Work Team is defining the global solution for traceability in Healthcare to ensure that the business needs of the sector are fulfilled, including ensuring global traceability in an efficient, secure and reliable way, addressing restrictive legal requirements as well as authentication from manufacturer to patient, and achieving cross-industry interoperability.

The objectives of the work team are:

- To develop the Traceability in Healthcare Standard by the end of June 2008
 - o addressing national and international legal and regulatory requirements
 - o addressing business, technical and interoperability needs
- Any resulting change requests will then be submitted to GS1 Global Standard Management Process (GSMP) for ratification
- To develop a Traceability in Healthcare Implementation Guideline and to document Case Studies and Best Practices by the end of December 2008

The work team looks to the healthcare stakeholder community on a global scale for their business requirements for traceability of healthcare products. The work team also ensures that the business requirements are comprehensive, justified and ultimately build a landscape of usage across the globe in the healthcare sector.

The work team builds on the GS1 Global Traceability Standard (defining business rules and minimum requirements to be followed when designing and implementing a traceability system) and the EPCGlobal Healthcare & Lifesciences documentation (including Track & Trace, ePedigree, EPCIS Framework).

The work team has held weekly conference call meetings since 18th December 2007. During the period to date they have been gathering Business Requirements from the broad range of stakeholder work team members; over 80 have been documented.

At this conference the work team will complete the collection of Business requirements and begin the process of reviewing and approving (or removing) each one. The approved Business Requirements will form the basis for the standard for traceability in Healthcare.

Work Team Leadership

Co-Chairs:

- Frédérique Frémont, Robert Ballanger Hospital (France)
- Tim Marsh, Pfizer

Work Team Facilitator: Janice Kite (E: janice.kite@gs1.org)

List of participants

First name	Last name	Company / Organisation
Masanori	Akiyama	MIT Sloan School of Management
Carlos	Albajar	T2 Opellog, S.A.
Tayeb	Alhafez	Souhl Foundation
Fethi	Altunyuva	GS1 Turkey
Peter	Alvarez	GS1 Global Office
Elena	Alvaro Iglesias	SAS
Antoine	Bailleul	Cardinal Health CTS International
Tchuepo	Augustin	COHECF
Ryuichiro	Azuma	Sakura Seiki Co., Ltd.
Donato	Balmaseda Dominguez	Grupo Cofares
Bettina	Bartz	GS1 Germany
Jose	Bassa	Roche Diagnóstics
Evangelos	Baxevanis	GS1 Norway
Brian	Bennett	GS1 Global Office
Claudia	Biffoli	Italian Ministry of Health
François	Bisch	CHU Dijon
Martin German	Blanco Garcia	Hospital Universitario Virgen de las Nieves
Rafael	Blasco	Becton Dickinson, S.A.
Yolanda	Blázquez	GS1 Spain
José María	Bonmatí Pérez	GS1 Spain
Jos	Bouwen	TERUMO Europe NV
Reyhan	Bozkurt	Tepe Teknolojik Servisler
Carmen	Brazquez Avivar	Movaco, S.A.
Mustafa	Bulun	Turkish Ministry of Health
Maribel	Caballero	GS1 Spain
Juan Carlos	Castro Alvarez	SAS
Devrim	Cavusoglu	Pfizer
Ana	Cervilla	Master Diagnóstica
Batchimeg	Chuluun	School of Nursing
Paul	Cisneros	Abbott
José M ^a	Coscolluela	B/Braun
José	Cristobal	Merck & Co.
Gordon	Cuthbert	F.Hoffmann-La Roche Ltd
Enkh-Amgalan	Dashdorj	School of Nursing
Bruno	De Maeyer	St Jude Medical Europe Inc.
Alyette	Decieux	Covidien
Jan	Denecker	GS1 Global Office
Francisco	Diaz	HEFAGRA
Bart	Diederren	Royal Dutch Pharmaceutical Society
Dirk	Rodgers	SupplyScape Corp.
Barbara	Dorner	GS1 Austria
José Antonio	Duarte Cartas	Hospital Universitario Virgen de las Nieves

First name	Last name	Company / Organisation
Alicia	Duval	GS1 Canada
Hassan	El Kalla	GS1 Egypt
Frits	Elferink	Royal Dutch Pharmaceutical Society
Jackie	Elkin	Medtronic, Inc.
Anong Tanga	Ernest	COHECF
Vicente	Escribano	GS1 Global Office
Brígida	Estupiñán	Hospital Universitaio de Gran Canaria
Ana M ^a	Fernandez Lopez	SAS
Irene	Fernández Romacho	RBTA
May	Fok	Hospital Authority, Hong Kong
Bernard	Fontaine	GS1 Global Office
Francisco	Fontenla Ruiz	SAS
Dawn	Fowler	Edwards Lifesciences
Sharon	Frank	European Commission
Frédérique	Frémont	Centre Hospitalier Robert Ballanger
M ^a José	Garcia	SERGAS
Elizabeth	García Böhninger	Movaco, S.A.
Carlos	Garcia Esteve	Zimmer
Antonio	Garcia Noblejas	Arroba
Jesus	Gavira Sanchez	SAS
María José	García Sexto	SERGAS
Peter	Gläser	Orthopädisches Spital Speising
Gankhuyag	Gochoosuren	School of Nursing of Mongolia
Douglas	Goldman	GS1 US
Agustin	Gonzalez Rodriguez	Hospital Universitario Virgen de las Nieves
Hein	Gorter de Vries	GS1 Netherlands
Jenny	Gough	Molnlycke Healthcare Group plc
Scott	Gray	GS1 Global Office
Michaela	Haehn	GS1 Germany
Michio	Hamano	GS1 Japan
Leighton	Hansel	Abbott Laboratories
Shuichi	Harayama	Japan Medical Dynamic Marketing INC.
Dennis	Harrison	GS1 US
Christian	Hay	GS1 Switzerland
John	Hearn	GS1 Australia
Tom	Heist	GS1 Global Office
Tracey	Herres	GlaxoSmithKline
Steve	Hess	Merck and Co., Inc.
Grant	Hodgkins	Alcon Laboratories, Inc.
Rich	Hollander	Pfizer
Mark	Hoyle	Covidien (Formerly Tyco Healthcare)
Marcela	Iosep	GS1 Solution Centre
John	Jenkins	JJ Associates
Zoran	Jovanovic	GS1 Serbia
Rabia	Kahveci	Turkish Ministry of Health

First name	Last name	Company / Organisation
René	Kappers	Teva Pharmachemie
Georg	Keller	B.Braun Aesculap
Janice	Kite	GS1 Global Office
Mike	Kreuzer	ABHI
Ulrike	Kreysa	GS1 Global Office
Yasuo	Kurosawa	GS1 Japan
Roger	Lamb	GS1 UK
Rita	Laur	GS1 Canada
Jean-Christophe	Lecosse	GEODIS
Conser	Lee	GS1 Hong Kong
Anna	Lin	GS1 Hong Kong
Joner	Lionel	UCB Farchim SA
Miguel	Lopera	GS1 Global Office
Eva Maria	Lopez Cabello	SAS
Dolores	Lopez de Haro	SAS
Giuseppe	Luscia	GS1 Italy
Lewin	Luz	COFARES & COFM
Valérie	Marchand	GS1 France
Carmen	Marin	Servicio Andaluz de Salud
Pascal	Mariotti	GCS UNI.H.A
Timothy	Marsh	Pfizer
Cesar	Martin	CECOFAR
Emilia	Martinez Martinez	Hospital Universitario Virgen de las Nieves
Mike	Meakin	DHL Exel Supply Chain
Pilar	Menendez	Boston Scientific Iberica, SA
Robert	Mennow	Boston Scientific Corporation
Branislava	Mitic	GS1 Serbia
Kei	Mitsuyama	ARTHUR Inc.
José Luis	Morales Comalat	Servicio Canario de la Salud
Gena	Morgan	EPCglobal, Inc.
Barry	Morrice	Novartis Pharma AG
Nadège	Mullier	GS1 Global Office
Ibrahim	Nayir	Turkish Ministry of Health
Iulian	Nitescu	GS1 Romania
Esperanza	Orgado Perez	SAS
Lewin	Orozco	COFARES & COFM
Rifat	Pamuk	Ministry of Health of Turkey
Jurriaan	Pasma	GS1 Netherlands
Zoltan	Patkai	GS1 Global Office
Esther	Peelen	GS1 Netherlands
Ignacio Javier	Perez Perales S	Servicio de Salud de Castell-La Mancha
Tina	Perez	CHU de Rouen
Pablo	Permuy	SERGAS
Thierry	Plantard	CHU Amiens
Joe	Pleasant	Premier, Inc.

First name	Last name	Company / Organisation
Jesus	Porres	HEFAGRA
Katharina	Poslussny	Orthopädisches Spital Speising
Thierry	Protas	Domino SAS
María	Ramírez Gutierrez	SAS
Benjamin	Rodriguez	SERGAS
Gloria	Rodríguez Aguado	FENIN
Slobodan	Romac	GS1 Croatia
Anabel	Sáez Castillo	RBTA
Manabu	Sakamoto	ARTHUR Inc.
Christina	Schuetze	Merck Serono
Naomi	Sekino	Olympus Medical Systems Corp.
Josef	Simacek	Pharmdata s.r.o.
Carlos Suris	Sisternas	Fenin
Gabriel	Sobrino Medina	GS1 Netherlands
Miranda	Martín Sofía	Servicio Canario de Salud
Ingrid	Sola Delgado	Bard de España S.A.U
Mónica	Soler	GS1 Spain
René	Stistrup Jensen	Boston Scientific
Diane	Taillard	GS1 Global Office
Michael	Tamegger	Orthopädisches Spital Speising GmbH
John	Terwilliger	GS1 US
Mahmut	Tokac	Turkish Ministry of Health
Carlos	Torme	GS1 Spain
Kenneth Onyeka	Udenze	Junior Chamber International
maria angeles	ugarteburu gonzalez	Hospital
Miguel	Valdes	FEDIFAR
Michel	van der Heijden	GS1 Global Office
Jan-Joost	van Walsum	Academic Hospital Groningen
Friso	van Weelden	GS1 Netherlands
Maurice	Ventura	CLADIMED
Begoña	Vilela	SERGAS
Mark	Walchak	Pfizer
John (Mike)	Wallace	Abbott Laboratories
Claes	Wallér	Cook Group Europe
Markus	Weinert	Aesculap AG & Co. KG
Tomas	Wennebo	GS1 Sweden
Tom	Werthwine	Johnson & Johnson
Jim	Willmott	Smiths Medical
Raymond	Wong	Hospital Authority, Hong Kong
MJ	Wylie	TMD dba Abbott Lab
Amy	Yung	Hospital Authority, Hong Kong
Volker	Zeinar	B. Braun Group
Erik	Zwarter	Academic Hospital Erasmus Rotterdam