



# The BCPC Congress 2017

Achieving both productivity and safety  
improvements through better regulation

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## Welcome to the 50th Anniversary BCPC Congress 2017

**“Achieving both productivity and safety improvements through better regulation”**

Dear Delegates, Speakers and Sponsors,

On behalf of the BCPC and TSGE Forum, a very warm welcome to everyone attending, particularly this year, which marks the 50th Anniversary of BCPC and the start of our tradition of bringing together participants in the EU crop protection industry in one annual, dedicated event.

As in previous years, we will review the status of relevant EU regulations, along with needs and progress (or not) in improvement. But inevitably, this year's programme focuses on the opportunities and downsides - for both policy and process - of the UK's exit from the EU.

At the start of this period of major change, and for the first time in its 50-year history, we welcome the UK Secretary of State for Agriculture, to hear his vision for the UK's agricultural future – and how future policy can combine improving agricultural productivity with enhanced environmental resources and safety. A number of speakers and an extended session with the UK CRD will all provide opinion on this subject - and on how the UK could continue to have a beneficial influence on EU regulation. Of course, we expect delegates to participate fully by providing their own views!

There will be the usual opportunities to interact with colleagues in the opening reception, the sessions, breaks and the BCPC 50th Anniversary Congress Dinner. I sincerely hope you enjoy and benefit from your time with us.



Dr. Colin Ruscoe - President, BCPC

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**Dr. Anne Alix**

**Dow AgroSciences**

Anne is a senior scientist in the area of environmental risk assessment and risk management. She earned a PhD in Biology and Integrated Pest Management in vegetable crops at the University of Rennes, in France, in 2000.

She joined environmental risk assessment as an ecotoxicologist at the French National Institute on Research in Agronomy (INRA) in 2001, and then as a head of the Environment and Ecotoxicology unit at the French Agency on the safety of Food (AFSSA, now ANSES). She linked risk assessment to risk management at the French Ministry of Agriculture as the deputy head of the Section for Regulation and Placing Plant Protection Products on the Market, where she led the implementation of risk mitigation measures for pesticides, and post registration monitoring. Anne joined Dow AgroSciences in 2011, as their European Regulatory Risk Management Leader. Anne has been involved in a number of expert groups to develop risk assessment methodologies in diverse environmental, some through workshops such as ELink, Focus Landscape and Mitigation or Escort 3, or via SETAC groups, such as Modelink or EMAGPest.



**Professor Steve Bradbury**

**Iowa State University**

Steve was until recently Director of the Office of Pesticide Programs in the U.S. Environmental Protection Agency. He led the Office's evaluations of new and existing pesticides, and coordination with related programs. He advanced risk-based methods for endocrine effects

of pesticides and managing pesticide resistance, water quality, endangered species and pollinators. Previously, Steve led efforts to advance human health and ecological risk assessments in water quality, pesticide and industrial chemical programs in the EPA's Office of Research and Development, and was a member of a recent U.S. National Academies of Sciences committee on biotechnology products and recommending enhancement of the U.S. regulatory system. He has delivered over 70 peer-reviewed publications and presents at international and national scientific conferences. He has a BS in Molecular Biology from the University of Wisconsin-Madison and a PhD in Toxicology and Entomology from Iowa State University, where he is now Professor of Environmental Toxicology.



**Dave Bench**

**UK HSE Chemicals Regulation Division**

Dave is now leading the Health and Safety Executive's (HSE) work to ensure that the UK chemicals regulation framework is operable and effective after the UK leaves the EU.

From 2011 to March 2017 Dave led HSE's Chemicals Regulation Division (CRD) – the UK regulatory authority for plant protection products, biocides, detergents and industrial chemicals. Dave has spent most of his career leading specialist teams and in strategic policy roles. After graduating from York University (applied & environmental biology) he spent the first 10 years of his career in technical roles dealing with risk assessment of chemicals. Throughout the rest of his career he has been responsible for policy development and delivery of regulatory regimes in a range of areas, including genetic modification in agriculture, animal health, marine, and particularly chemicals.



**Jean-Pierre Busnardo**

**DuPont Crop Protection**

Jean-Pierre is an agronomist who started his career in Africa where he conducted agronomic research on tropical food crops. He joined the Crop Protection Industry in 1986 and has since held portfolio regulatory assignments in several companies, with a primary international orientation (European or global). Jean-Pierre joined DuPont in 1993 and he is currently the Brussels-based Regulatory Affairs Manager for the company's crop protection business. Jean-Pierre is a member of the Regulatory Policy Team of the European Crop Protection Association (ECPA).



**Dr. Peter J Campbell**

**Syngenta**

Peter is Head of Product Safety External Research Collaborations and a Senior Environmental Risk Assessment Specialist in the Environmental Safety Department of Syngenta based at the Jealotts Hill Research Centre in UK. He has worked in the field of ecotoxicology and environmental risk assessment of pesticides for 23 years, with the first 7 years being in the UK Pesticide Regulatory Authority. Peter is currently responsible for leading Syngenta's Pollinator Research efforts. He is also a member of the European Crop Protection Association's (ECPA) Environmental Expert Group and is the Chairman of the ECPA Pollinator Steering Team. He is a long term member and Fellow of the Society for Environmental Toxicology and Chemistry (SETAC).



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**David Cary**

**International Biocontrol  
Manufacturers' Association, IBMA**

David has been in place as the inaugural Executive Director of this dynamic global trade association with a strong European focus since 2010.

His career has been focused on IPM, resistance management, implementation

of biocontrol techniques, and systems based control of pests and diseases. He is passionate about reducing the reliance on traditional pesticides through finding, developing, registering and bringing to market new solutions to feed a growing world population whilst respecting biodiversity, the environment and protecting human health. David is an entomologist by training and spent several years co-ordinating, conducting, assessing, reporting efficacy trials and supervising regulatory compliance for biological agricultural inputs. He actively participates in promoting the biocontrol industry and ensuring that any regulation is proportionate to risk. He promotes a globally harmonised regional regulatory and product development focus and is confident that we will see more global co-ordination in the near future. He was a key player in the formation of BPG (BioProtection Global) and works closely with international bodies including OECD, FAO and EPPO.



**Dr. John Doe**

**Parker Doe Partnership LLP**

After having previously worked as a pharmacologist in pharmaceutical industry in the areas of asthma, skin allergy and chronic obstructive pulmonary disease, John joined ICI's Central Toxicology Laboratory (CTL) in

the late 1970s. He initially worked in inhalation toxicology then managed studies across the full spectrum of regulatory toxicology including chronic, reproductive and developmental toxicology. John worked in industrial chemical and agrochemical toxicology for many years, becoming Director of CTL in 2003 and Head of Product Safety for Syngenta in 2006.

John was Chairman of ECETOC Scientific Committee from 2006 until 2010 and he was a member of the UK Animal Procedures Committee from 2004 to 2012. In 2007, his work on revising the assessment of agricultural chemicals was highly commended by NC3Rs.

John retired from Syngenta in 2010 and is now an independent consultant. He is currently playing a major role in the ILSI-HESI Risk 21 project to develop a new paradigm for risk assessment which incorporates recent scientific advances and he is the chairman of an ECETOC Task Force which is looking at ways to incorporate potency into the classification of chemicals for carcinogenicity and for developmental and reproductive toxicity. John is a member of the UK Committee on Carcinogenicity.



**Gabrielle Edwards**

**Defra**

Gabrielle has been Deputy Director for Chemicals, Pesticides and Hazardous Waste in Defra since 2016. Her previous roles included Deputy Director for Water Services, leading the development of the 2011

Water White Paper and the legislation that

became the Water Act 2014 and for the Boving TB Programme. Gabrielle was seconded to the Economic and Domestic Secretariat in the Cabinet Office from 2003 to 2005 to cover Home and Constitutional Affairs and Environment and Agriculture policy. Before that, she had a range of posts, largely dealing with environmental policy, including leading on developing the UK's national climate change programme and a period as private secretary to the Minister for the Environment.



**The Rt. Honourable George Eustice MP  
Minister of State for Agriculture,  
Fisheries and Food**

After a time working in the family farming business, George gained nine years political campaign experience with the Conservative Party, and was Head of Press under Michael Howard

between 2003 and the 2005 General

Election. He was David Cameron's Press Secretary from June 2005 until the end of 2007. George was elected as MP for Camborne, Redruth and Hayle in May 2010 and has championed economic regeneration in Cornwall. He was a member of the Environment and Rural Affairs Select Committee on which he concentrated on a variety of issues including water poverty in rural areas and dangerous dog legislation. In Parliament he has supported reform of the Agricultural Wages Board and the establishment of a Groceries Code Adjudicator, as well as speaking in debates on the Common Fisheries Policy.

In April 2013 he was appointed onto the Downing Street Policy Board, with responsibility for Energy and the Environment, Food and Rural Affairs. Whilst with the Board he presented a variety of new policy ideas, including methods of water pricing reform. In October he was appointed Parliamentary Under-Secretary of State for DEFRA and was promoted to Minister of State in May 2015.

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**Professor Lin Field**  
**Rothamsted Research**

Lin is an insect molecular biologist and Head of Biointeractions and Crop Protection at Rothamsted Research. Lin's personal research interests focus on understanding insecticide mode of action and resistance, at the biochemical/molecular level. Her research

team uses the latest genomic techniques to understand resistance and insecticide selectivity, and seeks to apply this to better use of pesticides, through links with partners in the agronomy, farming and agro-chemical sectors. Lin has also developed a knowledge of alternative pest control strategies, especially the use of chemical ecology and GM technologies. The overall aim of Lin's work is to deliver effective and sustainable crop protection that minimises effects on non-targets and the environment. Lin is an active participant in the debate on whether pesticides are needed and how they may affect bee populations. This has involved speaking to fellow scientists, farmers, bee keepers, policy makers and the public.



**Dr. Richard Green**  
**Dow AgroSciences**

Richard has been working as a toxicologist in the crop protection industry following completion of his PhD at the University of Birmingham. He previously worked for Syngenta and is currently with Dow AgroSciences.

Richard's areas of specialism include mechanistic toxicology and endocrine disruption. Richard is an active member of a number of endocrine expert groups, including those of the European Centre for Ecotoxicology and Toxicology of Chemicals (ECETOC) and the European Crop Protection Association (ECPA). He is currently part of the group working to update the OECD guidance document on the test guideline for evaluating chemicals for endocrine disruption (OECD Guidance Document 150).



**Dr. Martyn Griffiths**  
**BAYER S.A.S.**

Martyn graduated from University of Newcastle Upon Tyne and obtained his doctorate in field of liquid fertilisers from Harper Adams College. His involvement in crop protection started 26 years ago with Schering. After 5

years of field development experience, he moved to Frankfurt, Germany with AgrEvo, where he held a number of positions including responsibility for registrations in China, Taiwan and Korea. With the formation of Bayer CropScience, he has worked in the European Regulatory Affairs team in Lyon, France and his current position is Senior Regulatory Policy Manager in EMEA Regulatory Science. He is chairman of ECPA Regulatory Policy Team.



**Dr. Scott Hawley**  
**Enviresearch**

Scott is an environmental risk assessor with Enviresearch Ltd. (Newcastle, UK) with a specific interest in higher tier approaches to evaluation the environmental fate and behaviour of plant protection products.

Scott has previously worked within the US government on issues of climate change and the fate of chemicals in the Environment. Scott has a PhD in geochemistry from Durham University and BSci from University of Miami in Geology and Chemistry.



**Dr. Jon Knight**  
**Agricultural and Horticultural Development Board (AHDB)**

Jon is the Head of Crop Health and Protection (CHaP) for the Agricultural and Horticultural Development Board (AHDB) where he is responsible for

developing and implementing research and development strategy for pests, weeds and diseases for agricultural and horticultural crops. The CHaP team works closely with industry and government to ensure the availability of a range of suitable crop protection measures for a wide range of crops. Originally trained as agricultural zoologist he has worked in the broad area of pest management over the last 20 years at Imperial College and moved to AHDB at the start of 2012 to Head R&D for Horticulture. Research work on over 60 projects has ranged from implementation and management of practical pest control projects both in the UK and overseas to the development of new approaches to Pest Risk Analysis and plant health issues. He is currently a member of the Plant Health Advisory Forum and holds an honorary position at Imperial College London.

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**Dr. Tina Metha**

**Dow AgroSciences Ltd**

Tina joined the Department of Human Health Assessment at Dow AgroSciences in 2001 as a Regulatory Toxicologist and became the EMEA/APAC Toxicology and Risk Assessment Leader in July 2014.

Tina established a Crop Life International cross-industry team in 2015 to develop the first aligned Agrochemical Industry Vision for global implementation of Exposure-Based Assessment, to bring a paradigm shift in support of globally harmonised, risk assessment-based, regulatory decision-making. She significantly contributes to human health assessment strategies, including toxicology development programmes, predictive toxicology and external advocacy. Tina is a member of various industry groups promoting best practices, encouraging relevant guidance and methodology developments (e.g. non-animal approaches to acute toxicity testing and cumulative risk assessment). Tina actively collaborates with a number of 3Rs initiatives, including NC3Rs, CAAT and OECD. Tina has been involved in strategic development of new technologies focussing on science and collaborative research initiatives including Horizon 2020 consortium projects.



**Steve Norman**

**RidgewayEco**

Steve is an Ecotoxicologist based in Oxfordshire UK, working as a consultant to the crop protection industry. He is a passionate advocate of risk assessments & mitigations which are grounded on agronomic & ecological reality. His career began in 1990

with 10 years at UK Pesticides Safety Directorate (now known as 'CRD'). Most of this decade was dedicated to ecotoxicology (his MSc specialism) including drafting EU guidance and the 'LERAP' scheme. In 2001, he switched to Makhteshim Agan, based in Brussels. For 8 years he was responsible for risk assessment and study-generation across a diverse pesticide portfolio. In 2009 he moved to Dow AgroSciences in the UK, where he designed and managed higher-tier ecotoxicology studies – particularly for chlorpyrifos. For the latter, he also championed the 'Say No to Drift' campaign – which triggered a sharp increase in uptake of low-drift nozzles by UK orchard growers. Through his consultancy business ('RidgewayEco'), Steve designs and manages higher-tier programs including wildlife field studies and aquatic microcosms, for a range of clients.



**Tony Pexton**

**BCPC**

Tony Pexton, OBE is a Yorkshire farmer, overseeing the operation of the family business. He is also Chairman of NIAB and was Chairman of the Sustainable Arable Link Research and Development Programme Management Committee for

Defra until the LINK programme was

terminated earlier this year. He was elected to the NFU Council in 1981 and went on to serve as Chairman of the National Cereal Committee from 1987 to 1992 and as Vice-President and Deputy President between 1992 and 2000. He has also served on the Council of the Oxford Farming Conference, acting as Chairman in 2002, and as a Board member of Assured Food Standards, and Chairman of the Assured Combinable Crops Scheme. Between 2002 and 2004 he was President of the Guild of Agricultural Journalists and appointed Chairman of the Farmers Club in 2007. In 2005, he was awarded the OBE for services to agriculture.



**Dr. Colin Ruscoe**

**BCPC**

Colin is the Executive Chairman and President of the BCPC (British Crop Production Council). He is also a Director, SynTech Research Inc., a leading agrochemical and seeds R&D

CRO, and member/chair of Scientific

Committees of the IVCC (Innovative Vector Control Consortium), which sponsors development of new products to eliminate malaria and dengue disease vectors. Previously he worked at Syngenta/Zeneca/ICI Agrochemicals, in a number of senior management positions, including Research Stations, R&D Planning, Global Product Development and Regulatory, European Product Development, Bioscience Research, and Insecticide Discovery.



**Janet Williams**

**Bayer CropScience Ltd**

Janet is the Regulatory Affairs Manager for Bayer CropScience Ltd in the UK and Ireland. Janet has a degree in Environmental Science from the University of Warwick and a Master's degree in Toxicology from the University of

Kentucky, USA. She has more than 25 years

of experience working in agrochemical registration in the EU, working for Fisons, Rhone-Poulenc and Aventis, as well as Bayer. She is manager of a team of six Regulatory Affairs Specialists at Bayer and is involved in all aspects of legislation with any relation to agrochemicals, including involvement with EFSA and the EU Commission. She is also Chair of the Crop Protection Association Policy and Regulatory Group and is in regular dialogue with UK HSE/CRD and Ireland PRCD.





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### PRE-EVENT DRINKS RECEPTION – Monday 30 October 2017

18.30 – 19.30 Pre-event Welcome Drinks Reception - Sponsored by APC (Agchem Project Consulting Ltd)

### DAY ONE – Tuesday 31 October 2017

07.45 – 09.00	Registration and Refreshments	
09.00 – 09.15	<b>Welcome and Introduction</b> <i>Dr. Colin Ruscoe (BCPC)</i> <b>Chair</b> <i>Tony Pexton (BCPC)</i>	
09.15 – 09.50	<b>A perspective from the Minister of State for Farming</b> <i>The Rt. Honourable George Eustice MP (Minister of State for Agriculture, Fisheries and Food)</i>	
09.50 – 10.20	<b>Problems and opportunities for UK crop protection after 2019</b> <i>Dr. Jon Knight (Agriculture &amp; Horticulture Development Board, AHDB)</i>	
10.20 – 11.00	<b>The story of Neonicotinoids and bees - A scientist's perspective</b> <i>Professor Lin Field (Rothamsted)</i>	
11.00 – 11.30	<b>Morning Break</b>	
11.30 – 12.00	<b>Neonics and Bees in Europe: Update on three key processes and next steps</b> <i>Dr. Peter Campbell (Syngenta)</i>	
12.00 – 12.30	<b>Optimising crop protection regulatory systems through governance and risk analysis - Experience from the US</b> <i>Professor Steve Bradbury (Iowa State University)</i>	
12.30 – 13.00	<b>Q&amp;A Session</b>	
13.00 – 14.00	<b>Lunch Break</b>	
14.00 – 14.30	<b>STREAM A</b> <b>How risk management of agrochemicals can improve safety and productivity</b> <i>Dr. Anne Alix (Dow AgroSciences)</i>	<b>STREAM B</b> <b>Classification schemes for carcinogenicity based on hazard identification have become outmoded and serve neither science nor society</b> <i>Dr. John Doe (Parker Doe)</i>
14.30 – 15.00	<b>Proportionate regulation for low-risk biological inputs to agriculture</b> <i>David Cary (IBMA)</i>	<b>Exposure and Cumulative Risk Assessment</b> <i>Dr. Tina Mehta (Dow AgroSciences)</i>
15.00 – 15.30	<b>Afternoon Break</b>	
15.30 – 16.00	<b>STREAM A</b> <b>Review of Regulations No 1107/2009 and 396/2005 – Part 1: facts and figures</b> <i>Dr. Martyn Griffiths (Bayer S.A.S.)</i>	<b>STREAM B</b> <b>Endocrine disruption</b> <i>Dr. Richard Green (Dow AgroSciences)</i>
16.00 – 16.30	<b>Review of Regulations No 1107/2009 and 396/2005 – Part 2: necessary changes</b> <i>Jean-Pierre Busnardo (DuPont Crop Protection)</i>	<b>Next generation groundwater mitigations: A proposal for smarter restrictions on use for environmental safety</b> <i>Dr. Scott Hawley (Enviresearch)</i>
16.30 – 17.00	<b>Q&amp;A Session</b>	<b>Reasons to be cheerful - Part bee</b> <i>Mike Coulson (Exponent)</i>
17.00 – 17.30		<b>Higher-tier aquatic ecotox studies under the EFSA Aquatic Guidance Document: Extracting key risk assessment questions to design robust and relevant higher-tier experiments on Plant Protection Products</b> <i>Steve Norman (RidgewayEco)</i>
17.30 – 17.50	<b>Q&amp;A Session</b>	<b>Q&amp;A Session</b>
19.30	<b>Congress Dinner (Mercure Brighton Seafront Hotel)</b>	

## DAY TWO – Wednesday 1 November 2017

08.00 – 09.00

**Registration and Refreshments**

09.00

**Chairman's Introduction**

*Dr. Colin Ruscoe (BCPC)*

**Plenary presentation**

*Dave Bench (Chemicals Regulations Directorate, UK HSE)*

*Gabrielle Edwards (Defra)*

**Progress and opportunity for Pesticide Regulation in the UK**

An opportunity for all stakeholders at the Congress to engage with the HSE (CRD) and Defra and to offer opinion and comment on the direction of policy and implementation of a UK-based regulatory regimen for chemical and biological pesticides.

As part of this interactive session, *Janet Williams (Bayer and CPA Policy and Regulatory Group Chairman)* will deliver a presentation entitled **"Industry vision for the EU Exit Regulatory Process"**.

Janet will present a collection of ideas gathered from the agrochemical manufacturers on the future vision of the regulatory process in the UK and its co-operation with the EU and the rest of the world.



12.00 – 12.15

**Close of Congress**

*Dr. Colin Ruscoe (BCPC)*

12.30 – 13.30

**Lunch (Congress Delegates)**

**Lunch (Ad-hoc Meeting Delegates - Sandringham)**

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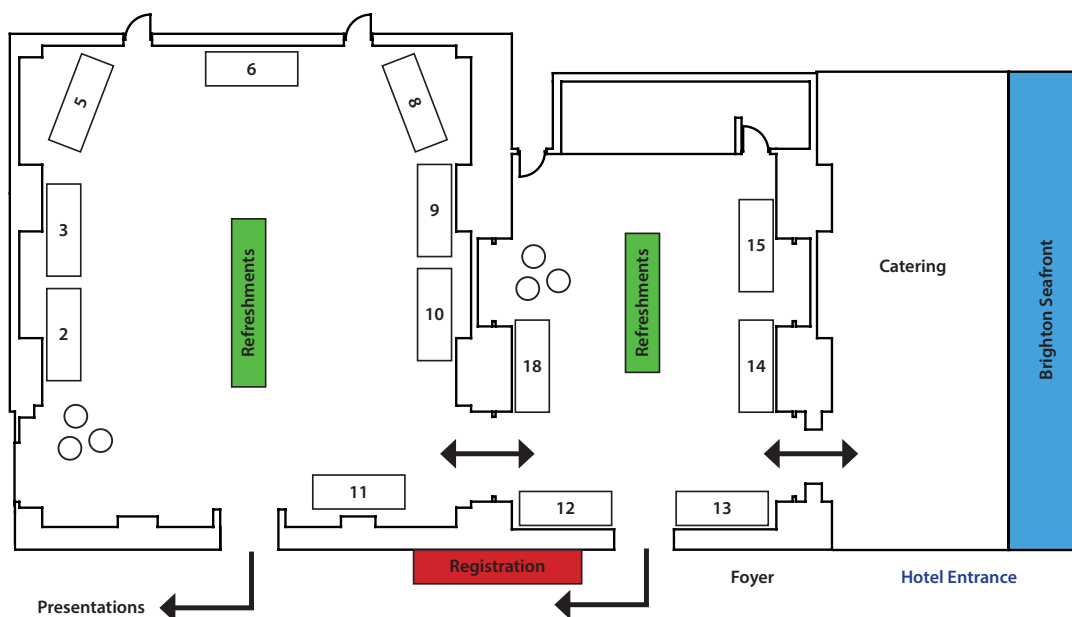


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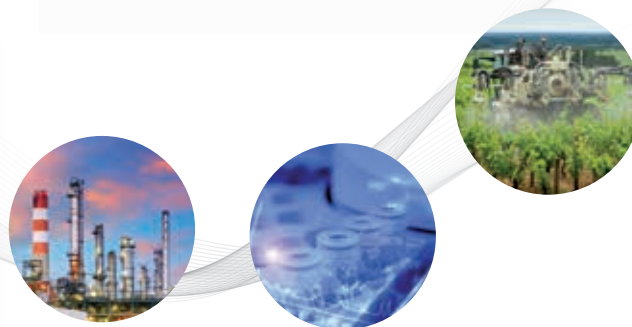
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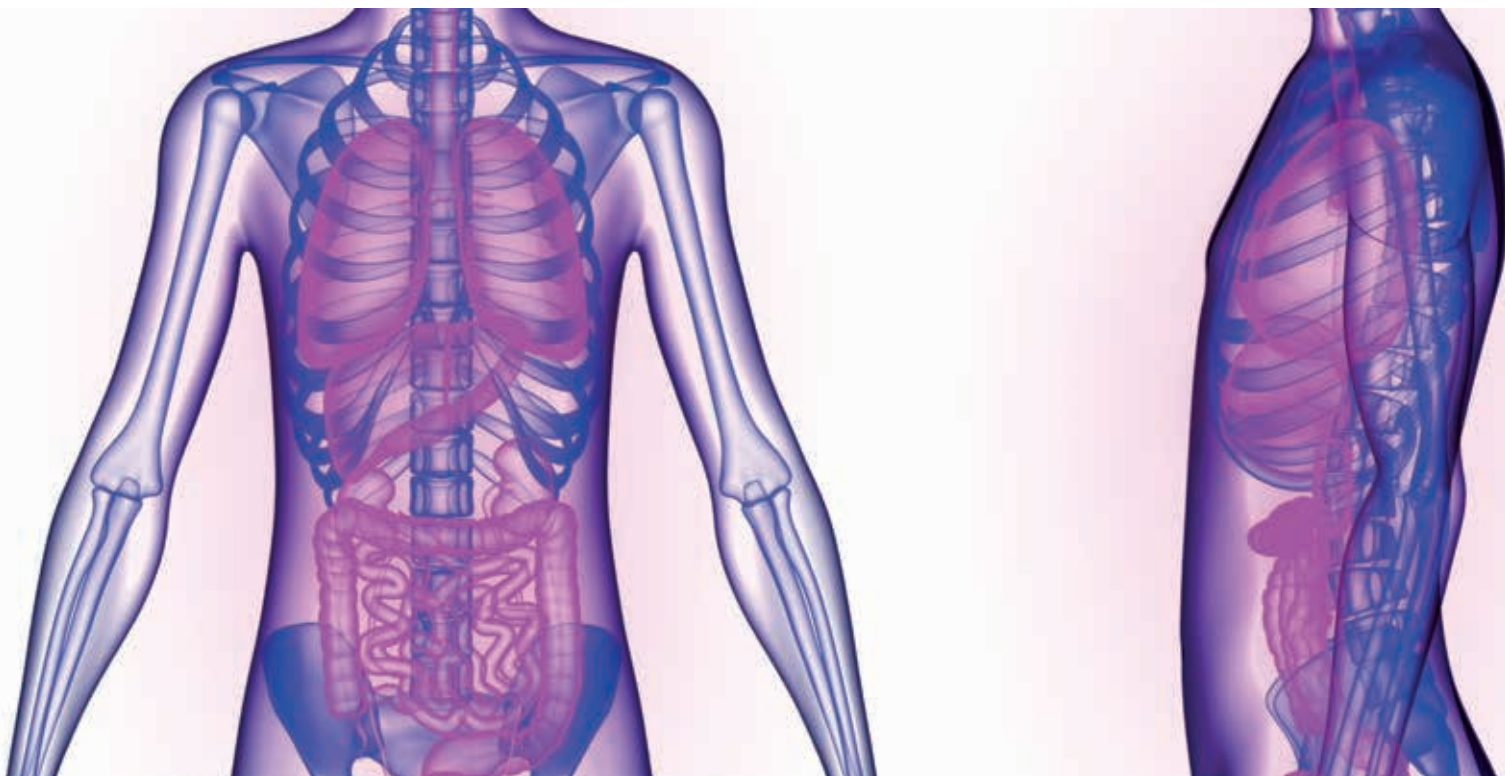
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