

KEY SUPPORTERS

We are extremely grateful to the following organisations for their support:

AMGEN

Amgen is committed to unlocking the potential of biology for patients suffering from serious illness by discovering, developing, manufacturing and delivering innovative human therapeutics. A biotechnology pioneer since 1980, Amgen has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential.

CONSILIENT

At Consilient Health we are passionate about developing and supplying prescription medicines that provide benefits to Patients and Prescribers and the NHS. This is achieved through building strong partnerships with our manufacturing, distribution and pharmacy partners.

We offer one of the widest ranges of oral contraceptives in the UK, offering high quality products and significant savings for the NHS, complemented by comprehensive support programmes for both medical professionals and patients.

We launched our first Bone Health product in 2014 having identified an unmet need for prescribers and patients to have access to licenced medicines within the vitamin D therapeutic area.

INTERNIS

Founded in 2010, Internis is a UK specialty pharmaceutical company engaged in the development and commercialisation of highly effective and innovative new medicines aimed at the treatment and prevention of a range of common bone disorders, such as osteoporosis and vitamin D3 deficiency.

KYOWA KIRIN INTERNATIONAL PLC

Kyowa Kirin International PLC is a specialty pharmaceutical company engaged in the development and commercialisation of prescription medicines for the treatment of unmet therapeutic needs in major markets. Headquartered in Galashiels, Scotland, it is a subsidiary of Kyowa Hakko Kirin Co., Ltd., the Japan-based global specialty pharmaceutical company. Sales and marketing of its portfolio of products are handled by commercial subsidiaries in the UK, US, France, Germany, Spain, Italy and other EU countries.

Website: www.kyowa-kirin.com

LILLY

Lilly is a global healthcare leader that unites caring with discovery to make life better for people around the world. We were founded more than a century ago, by a man committed to creating high-quality medicines that meet real needs and today we remain true to that mission in all our work. Across the globe, Lilly employees work to discover and bring life-changing medicines to those who need them, improve the understanding and management of disease, and give back to communities through philanthropy and volunteerism. To learn more about Lilly, please visit us at: www.lilly.co.uk

UCB

UCB, Brussels, Belgium (www.ucb.com) is a global biopharmaceutical company focused on the discovery and development of innovative medicines and solutions to transform the lives of people living with severe diseases of the immune system or of the central nervous system. With more than 7,700 people in approximately 40 countries, the company generated revenue of €4.2 billion in 2016. UCB is listed on Euronext Brussels (symbol: UCB). Follow us on Twitter: @UCB_news

EXHIBITORS AND OTHER SUPPORTERS

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ALEXION

Alexion is a global biopharmaceutical company focused on developing and delivering life-transforming therapies for patients with severe and life-threatening rare diseases. As the global leader in complement inhibition, Alexion is strengthening and broadening its portfolio of complement inhibitors. In addition, Alexion is advancing the most robust rare disease pipeline in the biotech industry, with highly innovative product candidates in multiple therapeutic areas.

AMGEN

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BRUKER

Bruker enables scientists to make breakthrough discoveries and develop new applications that improve the quality of human life. Bruker's high-performance scientific instruments and high-value analytical and diagnostic solutions enable scientists to explore life and materials at molecular, cellular and microscopic levels. In close cooperation with our customers, Bruker is enabling innovation, productivity and customer success in life science molecular research, in applied and pharma applications, and in microscopy, nano-analysis and industrial applications. In recent years, Bruker has also become a provider of high-performance systems for cell biology, preclinical imaging, clinical phenomics and proteomics research, clinical microbiology, and for molecular pathology research.

CONSILIENT

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INTERNATIONAL OSTEOPOROSIS FOUNDATION (IOF)

The International Osteoporosis Foundation is a global alliance of patient societies, research organizations, healthcare professionals and international companies working to promote bone, muscle and joint health.

The IOF vision is a world in which people of all ages benefit from good bone, muscle and joint health, free of fragility fractures due to osteoporosis. The IOF is proud to be associated with the World Congress on Osteoporosis which recently took place in Kraków, Poland, with almost 4000 delegates. For the 19th Congress which will take place in Paris,

France from April 4 to April 7, 2019, the IOF Committee of Scientific Advisors and ESCEO Scientific Advisory Board are developing a very exciting Congress scientific programme that will bring together the world's best in the field of musculoskeletal health and disease. We really hope to welcome you in Paris, France, and that this Congress will move the field one step forward on all fronts; from new understanding of bone metabolism and pathology, to new strategies and options in prevention, diagnosis and treatment. The next IOF Regional Meeting will be the 7th IOF Regional Asia-Pacific Osteoporosis Conference. The event will take place at the International Convention Center Sydney from November 30 to December 1, 2018 preceded by a Pre-Course at the Australian Catholic University in Sydney on November 28-29, 2018.

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KYOWA KIRIN

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LILLY

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MEREO BIOPHARMA

Mereo is a UK-based specialty biopharma company established to acquire and develop innovative products that may not have otherwise been developed within large pharma or big biotech. These companies have become under increasing pressure to streamline R&D therefore creating opportunities for Mereo.

Mereo's aim is to become a leading biopharma company focussed on speciality and rare diseases with significant unmet needs.

Mereo's initial portfolio is in respiratory, endocrinology and metabolic bone disease. Each of which has proof of efficacy data and address large unmet needs in either speciality or rare disease.

The company has advanced the respiratory and endocrinology products into Phase 2 and Phase 2b with data expected towards the end of the year and BPS 804 for Osteogenesis Imperfecta is about to start its Phase 2b study in adults. There is also an active search for new products.

THE NATIONAL OSTEOPOROSIS SOCIETY

The National Osteoporosis Society is the only

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UK-wide charity dedicated to improving the diagnosis, prevention and treatment of osteoporosis and fragility fractures. Our comprehensive resources for health professionals provide you with the support, resources, information and opportunities you need, whichever healthcare setting you work in.

For you:

- Accredited training and e-learning to improve your skills and knowledge of osteoporosis
- Membership and networking opportunities
- Conferences and events
- The latest updates in our health professional e-newsletter

For your service:

- A free and bespoke service to support the development of Fracture Liaison Services, by a team of specialist development managers with clinical and commissioning experience
Clinical guidance to support best practice

For your patients:

- Reliable, easy to understand information to use with your patients
- A Helpline for patients and professionals manned by specialist osteoporosis nurses – **0808 800035**

Visit: <https://nos.org.uk/for-health-professionals>

OXFORD BIOSYSTEMS

Oxford Biosystems supplies products for the investigation of bone and cartilage metabolism. We offer a range of products from leading manufacturers, including BioVendor, Biomedica and Diasource, developed with significant input from the international scientific community.

Our product range includes ELISA kits and reagents for Vitamin D, PTH, Osteocalcin, Osteopontin, TRAP-5, Matrix metalloproteinases, Osteoprotegerin and free soluble RANKL, as well as biomarkers of the Wnt signaling pathway such as Periostin, Sclerostin and DKK-1, and osteocyte derived FGF23.

In 2018 we are pleased to announce the availability of **miRNA kits**:

- **The TAmiRNA osteomiR™ test kit** from **Biomedica** is an innovative, minimally invasive test using a single blood sample to detect a panel of circulating microRNAs for bone quality and fracture-risk assessment.
- **The BioVendor has-miR-142-5p miREIA** is the first of their new range of ELISA based kits for the quantification of specific miRNAs.

For more information visit:

www.oxfordbiosystems.com or contact us directly at sales@oxfordbiosystems.com or **01235 431390**

PERKIN ELMER

PerkinElmer is a global life sciences company uniquely positioned to bring instruments and software solutions to enable comprehensive imaging & detection solutions for your preclinical research. Our Quantum GX2 microCT imaging system combines high resolution microCT imaging with high-speed, low dose CT scanning across multiple species, ideal for bone and tissue research. When coupled with AccuCT, our automated, advanced bone analysis software, researchers can perform ASBMR bone morphometry and BMD analysis with just a few clicks. Stop by our booth and learn how PerkinElmer preclinical solutions can work for you.

PROMOCELL

PromoCell is a premier manufacturer of cell culture products. We are known for our human primary cells, stem cells and blood cells, optimized cell culture media and comprehensive line of cell biology research products.

SANOFI

Sanofi is dedicated to supporting people through their health challenges. We are a global biopharmaceutical company focused on human health. We prevent illness with vaccines, provide innovative treatments to fight pain and ease suffering. We stand by the few who suffer from rare diseases and the millions with long-term chronic conditions.

With more than 100,000 people in 100 countries, Sanofi is transforming scientific innovation into healthcare solutions around the globe.

Sanofi, Empowering Life.

For more information, please visit www.sanofi.co.uk

SCANCO MEDICAL

Scanco Medical (www.scanco.ch), Established 1988, is the leading global provider of mCT and exclusive provider of HR-pQCT systems (XtremeCT). The range of scanners offer capabilities of obtaining 3-dimensional images with sub-micron resolution from specimen scanners to 5 micron resolution from *in vivo* scanners. All systems are bundled with easy to use and comprehensive tools for Image Acquisition and Analyses (including FE analysis),

EXHIBITORS AND OTHER SUPPORTERS

2D/3D Visualization, Archiving/Data Management solutions, Sample holders as well as Quality control phantoms and protocols. Specimen scanners are also equipped with automatic sample changers for high-throughput use. Accessories such as a Mechanical loading device and Temperature controlled stage are also available. The micro-CT systems are bundled with high-performance workstations with large memory and data storage capabilities as well as optional GPU-based reconstruction solutions. Scanco also provides contract based scanning and analysis services. A team of qualified scientists and engineers are ensuring each Scanco Medical user has personalized after sales service and support.

STRATEC

Stratec Medizintechnik is the world's most successful producer of pQCT-based bone densitometry scanners for clinical and preclinical applications. Unlike in 2-dimensional absorptiometric machines pQCT derived density measures are independent of bone size. Therefore pQCT can be applied to all age groups and body sizes. Additionally geometrical properties of bone and muscle parameters can be analysed which allows a detailed diagnosis and the differentiation of disuse osteopenia from true osteoporosis.

Novotec Medical is manufacturer of Galileo vibration training devices for muscle stimulation and of Leonardo motion analysis systems (Mechanography). Due to the side alternating technology of the Galileo devices a natural movement similar to human gait is employed. Improvement of mobility, treatment of sarcopenia, reduction of back pain and fall risk as well as neurological aspects are the main fields of application.

UCB

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VERTEC SCIENTIFIC

Vertec Scientific is a leading UK distributor of diagnostic imaging and radiotherapy systems. They have sold and supported Hologic DXA in the UK since 1986 and have made it into the market leader.

Hologic invented DXA and have continued to develop it into a multi-faceted imaging tool providing the widest range of accessible applications, culminating in the new Horizon system. The range is very wide: Body Mass Index, Visceral Adipose Tissue studies, android/gynoid ratio, cardiac calcification scoring,

Body Composition Analysis, single energy femur scan for evaluation of a typical femur fracture assessment and high definition mode for vertebral fracture assessment.

The range can be extended by the Medimaps Trabecular Bone Scoring application – a facility that images the micro-architecture of the living bone, without further scanning.

Vertec's support includes applications training on site by UK based specialists and a regular meeting for users to allow them to learn of advances in the field.

ZEISS

Carl Zeiss Microscopy is the world's only one-stop developer of light, X-ray and electron microscopes. The product range includes light microscopes, confocal systems for laser scanning microscopy, a full portfolio of electron and ion beam microscopes, and perfectly-tailored software solutions for image processing, image documentation and reporting. Join us to learn more about our microscopy solutions.



The Bone Research Society is extremely grateful to the following organisations who have supported the meeting:

