British and Irish Hypertension Society
ANNUAL SCIENTIFIC MEETING
Edgbaston Park Hotel and Conference Centre

16th - 18th September 2019
FINAL PROGRAMME
# Programme at a Glance

## Day 1 – Monday 16th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00</td>
<td>Registration, Refreshments &amp; Poster Set-up</td>
<td>Fry Room</td>
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<tr>
<td>10.30 - 12.30</td>
<td>Young Investigator Network Meeting</td>
<td>Fry Room</td>
</tr>
<tr>
<td>12.30 - 14.00</td>
<td>Arrival Tea, Coffee and Lunch – Exhibition and Poster viewing</td>
<td>1st Floor</td>
</tr>
<tr>
<td>13.00 - 13.45</td>
<td>Lunchtime Symposium: What is the future for Renal Denervation?</td>
<td>Fry Room</td>
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<tr>
<td>14.00 - 15.30</td>
<td>Session 1 Plenary: Cardio Metabolic Risk Symposium</td>
<td>Fry Room</td>
</tr>
<tr>
<td>15.30 - 16.00</td>
<td>Refreshments, Exhibition and Poster viewing</td>
<td>1st Floor</td>
</tr>
<tr>
<td>15.30 - 16.00</td>
<td>BIHS Nurses &amp; AHP Working Party ‘Meet &amp; Greet’</td>
<td>Lloyd Room</td>
</tr>
<tr>
<td>16.00 - 17.00</td>
<td>Session 2A Young Investigator Abstracts</td>
<td>Fry Room</td>
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<tr>
<td>17.10 - 17.30</td>
<td>Young Investigator Poster Storm: 60 second presentations</td>
<td>Fry Room</td>
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<tr>
<td>17.30 - 19.00</td>
<td>Moderated Poster Session with Drinks</td>
<td>1st Floor</td>
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<tr>
<td>17.30</td>
<td>Registration &amp; Speaker Preview Closed</td>
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<tr>
<td>19.30</td>
<td>Dinner and Quiz</td>
<td>Fry Room</td>
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## Day 2 – Tuesday 17th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>08.00</td>
<td>Registration and Speaker Preview Open</td>
<td></td>
</tr>
<tr>
<td>08.45 - 10.15</td>
<td>Session 3 Plenary Young Investigator Abstracts</td>
<td>Fry Room</td>
</tr>
<tr>
<td>10.15 - 10.45</td>
<td>Refreshments, Exhibition and Poster viewing</td>
<td>3rd Floor</td>
</tr>
<tr>
<td>10.45 - 11.45</td>
<td>Session 4A Scientific Abstracts</td>
<td>Fry Room</td>
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<tr>
<td>12.00 - 13.00</td>
<td>Session 5 Plenary Joint Symposium with Renal Association</td>
<td>Fry Room</td>
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<tr>
<td>12.00 - 13.00</td>
<td>Sir George Pickering Lecture: Professor Gianfranco Parati, Italy</td>
<td>Fry Room</td>
</tr>
<tr>
<td>13.00 - 14.30</td>
<td>Lunch, Exhibition and Poster viewing</td>
<td>1st Floor</td>
</tr>
<tr>
<td>13.30</td>
<td>Lunchtime Symposium sponsored by OMRON</td>
<td>Fry Room</td>
</tr>
<tr>
<td>14.30 - 16.00</td>
<td>Session 6 Plenary Poster Session</td>
<td>1st Floor</td>
</tr>
<tr>
<td>16.00 - 17.30</td>
<td>Session 6A Visiting Prize Winners’ Abstracts</td>
<td>Fry Room</td>
</tr>
<tr>
<td>17.30 - 18.30</td>
<td>Annual Business Meeting (BIHS Members Only)</td>
<td>Lloyd Room</td>
</tr>
<tr>
<td>17.30</td>
<td>Registration &amp; Speaker Preview Closed</td>
<td></td>
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<tr>
<td>19.30 - 20.00</td>
<td>Drinks Reception</td>
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<tr>
<td>20.00</td>
<td>Conference Dinner and Awards</td>
<td>Fry Room</td>
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</tbody>
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## Day 3 – Wednesday 18th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>Registration and Speaker Preview Open</td>
<td></td>
</tr>
<tr>
<td>08.30</td>
<td>Exhibition Open and Arrival Tea and Coffee</td>
<td>1st Floor</td>
</tr>
<tr>
<td>09.00 - 10.20</td>
<td>Session 7 Plenary</td>
<td>Fry Room</td>
</tr>
<tr>
<td>10.20 - 10.50</td>
<td>Refreshments, Exhibition and Poster viewing</td>
<td>1st Floor</td>
</tr>
<tr>
<td>10.50 - 12.30</td>
<td>Session 8 Plenary NICE Guidelines</td>
<td>Fry Room</td>
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<tr>
<td>12.30</td>
<td>Conference Close</td>
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</table>
Dear Colleagues and Friends,

Another year has gone and I find myself again, on behalf of the Executive Committee, to warmly welcoming you to the 39th Annual Scientific Meeting of the British and Irish Hypertension Society which will take place from Monday 16th to Wednesday 18th September 2019 at the Edgbaston Park Hotel and Conference Centre at the University of Birmingham.

It has been a very busy year for the Society engaging on many fronts, domestically and internationally. New NICE Guidelines at the horizon, ESH/ISH Glasgow 2020 not far away, partnership with the Journal of Human Hypertension taking shape, OMRON Academy on-line developing rapidly, and many other activities, have kept the Executive Committee and the Working Parties in a state of continuous motion. Despite these developments, the Annual Scientific Meeting maintains a high profile in our annual calendar of events and the feedback we received from members and non-members attending the recent meetings has been encouraging. As in the past few years, the layout of the programme will reflect the latest traditional format over three days. The Programme is again rich in sessions for physicians from primary and secondary care, scientists, and allied health professionals.

The Keynote Sir George Pickering Lecture this year will be delivered by Professor Gianfranco Parati. There will be a kick-off session by the Young Investigators Working Party, a Joint Symposium with the Renal Association, dedicated sessions on cardio-metabolic risk, the global role of nurses in hypertension, hypertension in the elderly, NICE guidelines. Lunchtime symposia will also take place. Several young investigators prizes will be awarded to the best oral and poster presentations.

The meeting will be complemented by the presence and support of our sponsors and exhibitors, to whom goes our warm thanks. Please do visit them and their stands and engage with them during your attendance.

Finally, there will be a social aspect of our gathering, to help catch up with old friends, make new ones and relax in a convivial atmosphere. Do not miss it!

Francesco P Cappuccio FBIHS
President
On behalf of the Executive Committee
## BIHS Executive Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Francesco Cappuccio</td>
<td>BIHS President</td>
</tr>
<tr>
<td>Professor Una Martin</td>
<td>Vice-President</td>
</tr>
<tr>
<td>Dr Carmel McEnery</td>
<td>Secretary</td>
</tr>
<tr>
<td>Professor Christian Delles</td>
<td>Treasurer</td>
</tr>
<tr>
<td>Dr Chris Clark</td>
<td>Ordinary Member</td>
</tr>
<tr>
<td>Dr Adam Greenstein</td>
<td>Ordinary Member</td>
</tr>
<tr>
<td>Dr Mark Glover</td>
<td>Ordinary Member</td>
</tr>
<tr>
<td>Professor Chakravarthi Rajkumar</td>
<td>Ordinary Member</td>
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<tr>
<td>Dr James Sheppard</td>
<td>Young Investigator Representative</td>
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</table>

## Working Party Chairs

<table>
<thead>
<tr>
<th>Name</th>
<th>Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Francesco Cappuccio</td>
<td>Guidelines &amp; Information Service</td>
</tr>
<tr>
<td>Professor Richard McManus</td>
<td>Blood Pressure Measurement</td>
</tr>
<tr>
<td>Professor Christian Delles</td>
<td>Collaborative Research</td>
</tr>
<tr>
<td>Dr Mike Okorie</td>
<td>Educational Programmes</td>
</tr>
<tr>
<td>Ms Joanne Loades</td>
<td>Nurses &amp; Allied Health Professionals</td>
</tr>
<tr>
<td>Professor Adrian Brady</td>
<td>Irish Network</td>
</tr>
<tr>
<td>Dr James Sheppard</td>
<td>Young Investigators</td>
</tr>
</tbody>
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## Administration

**Executive Assistant:**
Jackie Howarth
British & Irish Hypertension Society
Old On-call Suite
Glenfield Hospital
Leicester, LE3 9QP

Tel: +44 (0) 116 250 2605
Email: bihs@le.ac.uk

**Meeting Secretariat:**

Unit 1, Q Court, Quality Street
Edinburgh, EH4 5BP

Tel: +44(0) 131 336 4203
Email: BIHS@in-conference.org.uk
Website: www.bihsoc.org
General Information

Conference Venue:
Edgbaston Park Hotel and Conference Centre
53 Edgbaston Park Road
Birmingham
B15 2RS

CPD ACCREDITATION – RCP
The BIHS Annual Scientific Meeting has been accredited by the Royal College of Physicians for 18 CPD (Continuing Professional Development) Points. CPD Accreditation Code Number: 126102
A certificate of attendance will be provided after the conference.

Registration/Information Desks
All delegates will receive their badge, ordered tickets and all relevant conference information upon arrival at Edgbaston Park Hotel and Conference Centre. The registration desk will be located in The Foyer and will be open at the following times:

- Monday 16th September 10.00 - 17.30
- Tuesday 17th September 08.00 - 17.30
- Wednesday 18th September 08.00 - 12.30

Catering and Dietary Requirements
All lunches and tea/coffee breaks throughout the meeting will be served on the 1st Floor. If you have booked a special dietary requirement at the time of registration please make yourself known to the catering staff within the venue.

Certificates of Attendance
Certificates of Attendance and Accreditation will be sent out after the conference on completion of the electronic survey which will be sent to all attendees on the last day of the conference.

Etiquette
Delegates are advised that they are not allowed to take photographs of any posters or presentations without the author’s/presenter’s consent. Photographs or videos are not permitted during presentations, in the main session rooms. Mobile phones should be placed on ‘silent’ during sessions.

Exhibition
We wish to thank all of our sponsors and exhibitors for their contribution to the BIHS Annual Scientific Meeting.
We encourage all delegates to meet with our exhibitors on the 1st Floor. The exhibition will be open at the following times:

- Monday 16th September 12.30 - 16.00
- Tuesday 17th September 10.00 - 16.30
- Wednesday 18th September 08.30 - 10.50

Insurance
The Conference Organisers cannot accept any liability for personal injuries or for loss or damage to property belonging to delegates, either during, or because of the meeting. Please check the validity of your own personal insurance before travelling.

Nurses and Allied Health Professional Delegates
The BIHS Nurses & AHP Working Party is celebrating the 10th anniversary of nurses and AHPs joining the BIHS and invites nurse and AHP delegates to attend a special ‘Meet & Greet’ session during the afternoon tea break on Monday 16th September at 15.30 in the Lloyd Room. There will be cakes and a small memento for everyone!

This will be an informal session to give nurses/AHPs an opportunity for networking and for those attending on their own a chance to meet others early on in the conference. Please come along and introduce yourself - we look forward to seeing you there.

Oral Presentations
Plenary sessions will take place in the Fry Room. Parallel sessions will take place in the Fry Room and Lloyd Room.

Poster Presentations
Posters will be displayed for the whole meeting on the 1st Floor. Presenters will be available for discussion during the Moderated Poster Session on Monday 16th September from 17.30 - 19.00.

We will also host our exciting Young Investigator Poster Storm on Monday 16th September from 17.10 - 17.30. The top ranking 10 abstracts submitted by young investigators who were allocated poster presentations have been selected to participate. Each person has 60 seconds to promote their poster orally with one slide!

Social Media
We encourage all participants to tweet and highlight presentations throughout the meeting to raise our profile and to engage. Please sign up to twitter and participate. Remember to use #BIHS2019.

Speaker Check In
Presenters must check in their presentation at least two hours before they are due to speak, this can be done at the back of the auditorium, preferably during a refreshment break.

Taxis
Local taxi companies:
- A2B Radio Cars Birmingham +44 (0)121 744 1111
- TOA Taxis +44 (0) 121 427 8888

Internet Access
WiFi is available through Edgbaston Park Hotel and Conference Centre. The instructions are below.

- Select ‘Edgbaston Park ASK4’ from the list of your available networks
- Choose the ‘Register my device with an Email account’ option
- Enter a valid email address and click ‘next’
- Wait two minutes and your machine will be registered for use on the network, and now be able to access the internet.
### Prizes

**Orals**

**BIHS Young Investigators Three Oral Prizes**
Abstracts shortlisted for these prizes will be given in Session 2A and 3.

**Posters**

**BIHS Poster Prize - kindly sponsored by the Journal of Human Hypertension**
All posters are eligible for the Poster Prize and will be assessed by the Poster Chairs during the moderated poster session at the meeting. If the Poster Prize is won by a non-member, the Journal of Human Hypertension kindly offers the winner free online access for one year.

The Journal of Human Hypertension is the official journal of the British and Irish Hypertension Society.

**Journal of Human Hypertension**

**Oral or Poster**

**Dr Robert Grayson Award**
This prize, generously funded by the family and friends of the late Dr Robert Grayson, will be awarded for the best research relating to ‘Diseases of the Aorta or Blood Vessels’.

**The BIHS Nurses/AHP Award**
The BIHS Nurses Prize is for a nurse/AHP who is an author and/or part of the investigating team. The presentation will be either an oral or poster presentation if there are no eligible abstracts in the oral session.

All prizes will be awarded at the conference dinner on Tuesday 17th September.

### Scientific Programme

The BIHS Annual Scientific Meeting is sponsored by various organisations. These organisations have had no input into the development of the scientific programme or influence over the choice of speakers including the sponsored symposia.

#### Day 1 – Monday 16th September

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<tr>
<td>10.00 - 12.30</td>
<td>Poster Set – up</td>
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<tr>
<td>10.00</td>
<td>Registration &amp; Speaker Preview Open</td>
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<tr>
<td>10.30 - 12.30</td>
<td>Young Investigator Network Meeting</td>
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<tr>
<td>10.30</td>
<td><strong>Introduction</strong></td>
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<td></td>
<td>Professor Francesco Cappuccio, President, British and Irish Hypertension Society</td>
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<tr>
<td>10.40</td>
<td><strong>Journal of Human Hypertension – how to get published</strong></td>
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<td>Dr Sunil Nadar, Journal of Human Hypertension, Springer Nature</td>
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<tr>
<td>11.00</td>
<td><strong>How to deal with paper rejections and what to do next – an author’s perspective</strong></td>
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<td>Dr Mark Glover, University of Nottingham</td>
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<tr>
<td>11.20</td>
<td><strong>‘Saved by the Bell’ Networking</strong></td>
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<td></td>
<td>Facilitator - Dr Carlos Valenciacal Hnadrez, University College London</td>
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<tr>
<td>11.55</td>
<td><strong>BIHS Placement programme</strong></td>
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<td>Dr James Sheppard, Chair, BIHS Young Investigator Working Party</td>
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<tr>
<td>12.00</td>
<td><strong>Panel discussion on applying for research funding/grants</strong></td>
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<td></td>
<td>Facilitator - Professor Francesco Cappuccio</td>
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<td></td>
<td>Dr Mark Glover</td>
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<td>Dr Sunil Nadar</td>
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<td>Dr James Sheppard</td>
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<td>Professor Richard McManus</td>
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<tr>
<td>12.30 - 13.55</td>
<td>Lunch – Exhibition and Poster viewing</td>
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<tr>
<td>13.00 - 13.45</td>
<td>Lunchtime Symposium sponsored by ReCor - for details please see page 23</td>
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<tr>
<td>14.00 - 15.30</td>
<td><strong>Session 1 Plenary - Cardio Metabolic Risk Symposium</strong></td>
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<td>Chairs: Professor Christian Delles and Ms Hannah Taylor</td>
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<tr>
<td>14.00</td>
<td><strong>NAFLD: what is it, what do we need to know and should we worry about cardiovascular risk?</strong></td>
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<td>Professor Chris Byrne, University of Southampton</td>
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<td>14.30</td>
<td><strong>Clock Chrono genes</strong></td>
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<td>Professor David Ray, University of Manchester</td>
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<tr>
<td>15.00</td>
<td><strong>Obesity, Type 2 Diabetes and exercise in children</strong></td>
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<td>Professor Tim Barrett, University of Birmingham</td>
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<tr>
<td>15.30 - 15.55</td>
<td>Refreshments, Exhibition and Poster viewing</td>
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<tr>
<td>15.30</td>
<td><strong>BIHS Nurses &amp; AHP Working Party ‘Meet &amp; Greet’</strong></td>
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Edgbaston Park Hotel and Conference Centre
### Day 1 – Continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2A Young Investigator Abstracts</th>
<th>Session 2B The global impact of nurses on hypertension guidance</th>
</tr>
</thead>
</table>
| 16.00 | O – 1: Blood pressure and capillary microcirculation in term and preterm infants of mothers with hypertensive disorders of pregnancy  
Dr Muti Goloba, St George’s University of London | Canadian perspective  
Professor Lyne Cloutier, Université du Québec à Trois-Rivières, Canada |
| 16.15 | O – 2: Haemodynamic determinants of essential hypertension in children  
Dr Ye Li, King’s College London | UK nurses experience of the 2019 NICE Hypertension guidelines  
Mrs Elizabeth Denver and Ms Judith Magowan |
| 16.30 | O – 3: Height2.7 is not an appropriate index for left ventricular mass in healthy adolescents: Sex and size differences in left ventricular mass indexation  
Ms Hannah Taylor, University College London | Compliance with the therapeutic recommendations for cardiovascular diseases in Poland  
Professor Izabella Utnianowicz, Wroclaw Medical University |
| 16.45 | O – 4: Central pressure in healthy adults stratified by MTHFR 677 genotype  
Miss Martina Rooney, Ulster University |  |

#### Young Investigator Poster Storm: 60 second presentations

- **Chairs:** Professor Paul Leeson and Dr Vikas Kapil

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 3 Plenary Young Investigator Abstracts</th>
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<tbody>
<tr>
<td>08.00</td>
<td>Registration &amp; Speaker Preview Open</td>
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</tbody>
</table>
| 08.45 - 10.15 | Session 3 Plenary Young Investigator Abstracts  
Chairs: Dr Adam Greenstein and Dr David Collier |
| 08.45 | O – 5: To what extent can elevated blood pressure in the acute hospital setting predict the presence of undiagnosed hypertension? A systematic review with meta-analysis  
Dr Laura Armitage, University of Oxford |
| 09.00 | O – 6: Translating signals from genome-wide association studies into biological mechanisms of hypertension through kidney-omics  
Dr Xiao Jiang, University of Manchester |
| 09.15 | O – 7: Vasodilator prostaglandins make an important contribution to forearm vascular responses to mental stress in young South Asians and may limit their risk of cardiovascular disease  
Dr Abimbola Aiku, University of Birmingham |
| 09.30 | O – 8: The effects of indapamide on glycosaminoglycan-mediated non-osmotic skin sodium storage in humans  
Dr Kathleen Connolly, University of Cambridge |
| 09.45 | O – 9: Effect of A Reduction in glomerular filtration rate after NEphrectomy on arterial STiffness and central haemodynamics: The EARNEST study  
Dr Anna Price, Queen Elizabeth Hospital, Birmingham |
| 10.00 | O – 10: Anti-haemostatic activity of an antihypertensive vasodilator in the ultra-acute phase of intracerebral haemorrhage  
Mrs Lisa Woodhouse, University of Nottingham |
| 10.15 - 10.45 | Refreshments, Exhibition and Poster viewing |

#### Registration Closed

- **Time:** 19.30
- **Location:** Fry Room
- **Event:** Dinner and Quiz
### Day 2 – Continued

#### Session 4A

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
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<tbody>
<tr>
<td>10.45</td>
<td>Session 4A Scientific Abstracts</td>
<td>Chairs: Dr Terry McCormack and Dr Sinead McDonagh</td>
</tr>
<tr>
<td>10.45</td>
<td>O-11: A novel non-invasive cuff-less optoelectronic sensor to measure blood pressure: comparison against intra-arterial measurement</td>
<td>Professor Melvin Lobo, Queen Mary University London</td>
</tr>
<tr>
<td>10.45</td>
<td>O-15: A novel 4 Pillar model of lifestyle intervention reduces blood pressure in cardiovascular disease and maintains this after 1-year</td>
<td>Mr Sam Olden, CP + R London</td>
</tr>
<tr>
<td>11.00</td>
<td><strong>Fry Room</strong></td>
<td>O-12: Diastolic dysfunction is associated with prolonged ventricular contraction in children with essential hypertension</td>
</tr>
<tr>
<td>11.15</td>
<td><strong>Fry Room</strong></td>
<td>O-13: Underlying Obesity-Related Hypertension: An Experimental Weight Gain Study in Humans</td>
</tr>
<tr>
<td>11.30</td>
<td><strong>Fry Room</strong></td>
<td>O-14: Effect of dietary salt restriction on central haemodynamics: a meta-analysis of the intervention studies</td>
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<tr>
<td>12.00</td>
<td><strong>Fry Room</strong></td>
<td><strong>Sir George Pickering Lecture</strong></td>
</tr>
<tr>
<td>12.00</td>
<td><strong>Fry Room</strong></td>
<td><strong>Cardiovascular Effects of Acute Exposure to Hypobaric Hypoxia at High Altitude. From Pathophysiology to Clinical Recommendations</strong></td>
</tr>
<tr>
<td>13.00</td>
<td><strong>Fry Room</strong></td>
<td>Lunch, Exhibition and Poster viewing</td>
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<tr>
<td>13.30</td>
<td><strong>Fry Room</strong></td>
<td>Lunchtime Symposium sponsored by OMRON - for details see page 23</td>
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#### Session 4B

<table>
<thead>
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<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
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<tbody>
<tr>
<td>10.45</td>
<td>Session 4B Clinical Abstracts</td>
<td>Chairs: Dr Micheal Okorie and Ms Mihaela Nutzlani</td>
</tr>
<tr>
<td>11.00</td>
<td><strong>Lloyd Room</strong></td>
<td>O-16: Virtual Hypertension - Presentation by the University of Naples, Italy</td>
</tr>
<tr>
<td>11.15</td>
<td><strong>Lloyd Room</strong></td>
<td>O-17: Inter-arm blood pressure difference: insights into aetiology from the INTERPRESS-IPD collaboration</td>
</tr>
<tr>
<td>11.30</td>
<td><strong>Lloyd Room</strong></td>
<td>O-18: May Measurement Month 2017: an analysis of blood pressure screening results from the United Kingdom and the Republic of Ireland</td>
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#### Session 5

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<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
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<tbody>
<tr>
<td>16.00</td>
<td>Session 5 Plenary - Joint Symposium with Renal Association</td>
<td>Chairs: Professor Graham Fall and Professor Una Martin</td>
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<tr>
<td>14.45</td>
<td>Presentation by the visiting HBPRCA (Australia) Young Investigator Prize Winner: Hypertensive stimuli promote brain inflammation and cognitive impairment in a pressure-dependent manner</td>
<td>Dr Quynh Dinh, La Trobe University, Australia</td>
</tr>
<tr>
<td>14.50</td>
<td>Management of Atherosclerotic Renal Vascular Disease</td>
<td>Professor Phil Katra, Salford Royal NHS Foundation Trust</td>
</tr>
<tr>
<td>15.10</td>
<td>How to manage deteriorating renal function in patients on RAAS blockade</td>
<td>Dr Laurie Tomlinson, London School of Hygiene &amp; Tropical Medicine</td>
</tr>
<tr>
<td>15.30</td>
<td>The skin as a third kidney to regulate sodium balance</td>
<td>Professor Michel Burnier, University of Lausanne, Switzerland</td>
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<td>16.00</td>
<td><strong>Fry Room</strong></td>
<td><strong>Poster Session</strong></td>
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<td>16.30</td>
<td><strong>Lloyd Room</strong></td>
<td><strong>Session 6 Parallel</strong></td>
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<td>16.30</td>
<td>Ageing, BP, Cognition - as easy as ABC?</td>
<td>Dr Terence Quinn, University of Glasgow</td>
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<td>16.45</td>
<td>Presentation by the visiting SIIA (Italy) Young Investigator Prize Winner: Comparison of Automated Office Blood Pressure With Office and Out-Of-Office Measurement Techniques: A Systematic Review and Meta-Analysis</td>
<td>Dr Silvia Di Monza, University of Turin, Italy</td>
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<td>16.50</td>
<td>Are BP targets in the very elderly more important than frailty, independence and quality of life?</td>
<td>Dr Nigel Beckett, Guy’s and St Thomas’ NHS Foundation Trust</td>
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<td>17.10</td>
<td>How should we de-prescribe blood pressure lowering drugs in the very elderly? The OPTIMIZE antihypertensive medication reduction trial</td>
<td>Dr James Sheppard, University of Oxford</td>
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Day 2 – Continued

17.30
Registration Closed

17.30 - 18.30
Annual Business Meeting (BIHS Members Only) Lloyd Room

19.30 - 20.00
Drinks Reception Hotel Bar

20.00
Conference Dinner, Awards and Dancing Fry Room

Day 3 – Wednesday 18th September

08.00
Registration and Speaker Preview Open

08.30
Exhibition Open and Arrival Tea and Coffee 1st Floor

09.00 - 10.20
Session 7 Plenary Chairs: Professor Peter Sever and Dr Neil Chapman

09.00
SGLT2 Inhibitors: A new strategy for renal protection in chronic kidney disease
Professor David Wheeler, University College London Fry Room

09.20
Endocrine Hypertension
Professor Maria Christina Zennaro, INSERM, France

09.50
Ageing and multimorbidity - time for a new approach
Professor Janet Lord, University of Birmingham

10.20 - 10.50
Refreshments, Exhibition and Poster viewing 1st Floor

10.50 - 12.00
Session 8 Plenary

10.50
NICE Hypertension in Pregnancy Guidelines
Professor Lucy Chappell, King’s College London Fry Room

11.10
NICE Guidelines - Inside Out
Dr Mark Gloves, University of Nottingham

11.25
NICE Guidelines - Outside In
Professor Francesco Cappuccio, President, British and Irish Hypertension Society

11.40
Discussion

12.30
Conference Close

Poster Presentation

* Presented during Young Investigator Poster Storm

Chief Adjudicators: Dr Wayne Sunman and Dr Pauline Swift

Clinical Hypertension

Poster Chair: Dr Louise Abrams

P – 01 Referrals to Acute medicine for ‘Hypertension’: Are these true hypertensive crises, and are we managing them appropriately?
Daniel Hodges, Broomfield Hospital, Mid Essex Hospitals NHS Trust, Chelmsford

P – 02 Ever increasing referrals: virtually vanish
Andrea Llano, Queen Elizabeth University Hospital, Glasgow

P – 03 Missed opportunities - An audit of blood pressure measurements in the cardiology outpatient department
Guy Kendall, Wythenshawe Hospital Manchester

P – 04* Prevalence of Masked Hypertension in treated and untreated Clinically Normotensive Patients
Kamran Basharat, St George’s, University of London

P – 05 Under-recognised and undertreated Hypertension (HTN) in patients with Obstructive Sleep Apnoea (OSA)
Awolkhier Mohammedseld Nurhussien, University Hospitals Coventry & Warwickshire NHS Trust

P – 06 Hypertension in HIV and comparison to other high-risk groups
Gavin Manmathan, Royal Free Hospital, London & St. Bartholomew’s Hospital, London

P – 07 The Management of Post-Partum Pre-Eclampsia: A Case Report Series
Moulinath Banerjee, Royal Bolton Hospital, Bolton

P – 08 Addressing Hypertension in Pregnancy in Western Ghana: The Akuba Foundation
Adam Greenstein, University of Manchester

Clinical trials and studies

Poster Chair: Dr Manish Sinha

P – 09* Medium term haemodynamic and blood pressure effects of living kidney donation
Anna Price, Queen Elizabeth Hospital Birmingham & Birmingham Cardio-Renal Research Group

P – 10 Nocturnal dipping and blood pressure variability in living kidney donors five years after nephrectomy
Anna Price, Queen Elizabeth Hospital Birmingham & Birmingham Cardio-Renal Research Group

P – 11 Home blood pressure measurement in the Treatment in Morning vs Evening (TIME) study
Amy Rogers, University of Dundee

P – 12 Effects of Dietary Nitrate and Folate Supplementation on Blood Pressure in Hypertensive Tanzanians: Design and Baseline Characteristics of a Feasibility Trial
Meghana Prabhakar & Navneet Kandhari, Newcastle University
P – 13 A Cohort Validation Study of 24hr Vs Spot Urinary Electrolytes in Hypertensive Patients
Elizabeth R. Wan, UCL Centre For Nephrology London

P – 14* Effects of slow breathing and mental stress on the cardiac component of the baroreflex in young adults with hypertensive parents (FH+), compared to those with normotensive parents (FH–)
Fahad Al Enazi, University of Birmingham

P – 15 Baroreflex regulation of arterial blood pressure is disturbed in young South Asians relative to White Europeans, particularly during mental stress
Mobarak Alqahtani, University of Birmingham

Measurement methods
Poster Chair: Dr Barry McDonnell

P – 16 The effects of sphygmomanometer cuff construction on return-to-flow cuff inflation pressure using a physical simulation model of arm blood flow
Philip Lewis, Stockport NHS Foundation Trust

P – 17 Measurement of systolic blood pressure by parents at home using hand-held Doppler device and aneroid sphygmomanometer: a single centre experience
Manish Sinha, Evelina London Childrens Hospital, & Kings College London

P – 18 The Importance of Auditing Ward Blood Pressure Machines (BPMs) and Cuffs
Willy Choon Kon Yune, University of Manchester School of Medicine

P – 19 Non-invasive estimates of cardiac output: Comparison of a novel pulse waveform analysis method with inert gas rebreathing
Jean Woodcock-Smith, University of Cambridge

Observational studies (Clinical populations)
Poster Chair: Dr Stephen Walsh

P – 20* Clinical, Angiogenic and Immune System Markers Predict Pre-Eclampsia in Women with CKD During Pregnancy
Nadja Sarween, University of Birmingham

P – 21 Late Effects of Hypertensive Disorders of Pregnancy on Central Blood Pressure, Microcirculation and Cardiovascular Diseases: A Cross-Sectional Case Control Study
Ayushi Singh, George's, University of London

P – 22* Importance of non-obstructive coronary artery disease and blood pressure in determining stress myocardial blood flow in asymptomatic people with type 2 diabetes
Gaurav Gulsin, University of Leicester

P – 23 Is hyperuricaemia associated with hypertension in psoriatic arthritis?
Celine Esuruoso, Imperial college London

P – 24* A Study of Factors Associated with Treatment Resistant Hypertension (FACT-RHY): description of phenotypical and biochemical characteristics of patients with true treatment-resistant hypertension compared to treated patients with hypertension
Mohammed Hameed, University of Birmingham & Birmingham Heartlands Hospital

P – 25 Evaluation of vascular endothelial dysfunction through measurement of serological biomarkers and reactive hyperaemia index in patients with true-treatment resistant hypertension
Mohammed Hameed, University of Birmingham & Birmingham Heartlands Hospital

P – 26 Assessment of fluid excess and body composition using bioimpedance spectroscopy in patients with adherence-proven treatment-resistant hypertension
Mohammed Hameed, University of Birmingham & Birmingham Heartlands Hospital

P – 27 Comparison of carotid-to-femoral pulse wave velocity as a maker of arterial stiffness in patients with true treatment-resistant hypertension and non-resistant treated patients with hypertension
Mohammed Hameed, University of Birmingham & Birmingham Heartlands Hospital

P – 28 Evaluation of patients’ beliefs and perceptions of their antihypertensive medications and their association with adherence and presence of treatment-resistant hypertension using beliefs about medicines questionnaires
Mohammed Hameed, University of Birmingham & Birmingham Heartlands Hospital

Observational studies (General populations)
Poster Chair: Dr Peter Lacy

P – 29 Leptin is associated with serum uric acid level and its excretion in a sample of adult men
Lanfranco D’Elia, “Federico II” University of Naples, Department of Clinical Medicine and Surgery

P – 30 Assessing population dietary intake of sodium, potassium and iodine in middle-income countries: a case study from the Republic of Moldova.
Francesco Cappuccio, University of Warwick WHO CC for Nutrition & UHCW NHS Trust

P – 31 Predicting Adverse Responses to Physical Activity in Young Adults with Suboptimal Blood Pressure
Maryam Alsharqi, University of Oxford & Imam Abdulrahman Bin Faisal University

P – 32 Evidence of endothelial dysfunction in young South Asian women during reactive and exercise hyperaemia: does higher BMI contribute?
Isra Khan, University of Birmingham

P – 33 Body size and blood pressure: An unfair focus on fat?
Shikai Yu, University of Cambridge

P – 34 The association between obesity and arterial stiffness from adolescence through to emerging adulthood and the confounding role of blood pressure
Chloe Park, UCL Institute for Cardiovascular Science London

P – 35 Risk of MACE events and arterial stiffness in the Whitehall II study
Carlos Valencia Hernández, University College London

P – 36* Risk of MACE events and arterial stiffness in the Whitehall II study
Carlos Valencia Hernández, University College London

P – 37 Impact of inter-arm blood pressure difference on cardiovascular risk estimation in primary care
Sinead McDonagh, University of Exeter
**Therapeutic considerations**

**Poster Chair:** Dr Mark Glover

P – 39 The rural dispensing practice – does it achieve better medication adherence and clinical outcomes compared to non-dispensing practices? A cross-sectional analysis of routine data
Christopher Clark, University of Exeter

P – 40 Antihypertensive drug concordance in patients with apparent resistant hypertension: a tertiary hypertension referral centre experience
Mohammed Meher Ali Chaudhry, St George’s University of London

P – 41* Optimal strategies for blood pressure lowering treatment
Emily Herrett, London School of Hygiene and Tropical Medicine

P – 42* Impact of the hypertension guidelines in prescription trend of thiazide diuretics in the UK
Ryan McNally, King’s College London

P – 43 Using routine care data to investigate the comparative effectiveness of first line anti-hypertensive drugs according to age, ethnicity and diabetes strata
Laurie Tomlinson, London School of Hygiene and Tropical Medicine

P – 44 Bendroflumethiazide versus Indapamide for Primary Hypertension: Observational (BISON) study within CPRD
Tatiana V Macfarlane, University of Dundee

P – 45 Effects of aspirin for prevention of vascular events in black patients (review)
Dr Nusirat Bello, University of Ilorin, Nigeria
ANNUAL SCIENTIFIC MEETING
16th - 18th September 2019
Edgbaston Park Hotel and Conference Centre

First Floor Plan

Clinical Hypertension (P-01 to P-08)
Clinical Trials and Studies (P-09 to P-15)
Measurement Studies (P-16 to P-19)

Observational Studies (Clinical) (P-20 to P-28)
Observational Studies (General Population) (P-29 to P-37)
Therapeutic Considerations (P-39 to P-45)

Posters
Exhibition see separate plan
Exhibition

First Floor Plan - Exhibition
1. Amgen
2. Medtronic
3. Spacelabs Healthcare
4. Novacor UK
5. OMRON
6. S - Med
7. NAPP
8. Blood Pressure UK

We are grateful for the following session sponsors for their support:

Lunch Time Symposium:
Monday 16th September: 13.00 - 13.45, Fry Room
What is the future for Renal Denervation? The RADIANCE Clinical Programme
Professor Melvin Lobo, Barts Health NHS Trust, London
Professor Andrew Sharp, Royal Devon and Exeter Hospital, Exeter
Professor Peter Sever, Imperial College, London
Chairs: Professor Christian Delles, University of Glasgow, and Professor Melvin Lobo, Barts Health NHS Trust, London

ReCor Medical designs and manufactures the Paradise System, a proprietary ultrasound ablation system for renal denervation. The System’s intravascular catheters combines the protection of water-based cooling of the renal artery with high intensity ultrasound energy for circumferential renal nerve ablation. Following the positive outcomes of the randomized, sham-controlled RADIANCE-HTN SOLO trial, ReCor is currently enrolling in the RADIANCE-II pivotal study.

Lunch Time Symposium:
Tuesday 17th September: 13.30 - 14.15, Fry Room
Importance of out-of-office blood pressure
Professor Gianfranco Parati, University of Milano - Bicocca
Online learning: a partnership with the OMRON Academy
Dr Micheal Okorie, Brighton and Sussex Medical School
Chair: Professor Francesco Cappuccio, President, British and Irish Hypertension Society

At OMRON Healthcare we believe we all have the right to get the most out of life. To live fully and completely. But for some that can be more of a challenge. Those struggling with health conditions have to make compromises on the way they live their lives, straying away from the activities and lifestyle they’d normally enjoy. But it doesn’t have to be that way. It is therefore our promise to help you minimize the impact of these health conditions by providing clinically proven instruments. Making sure you can recommend the care and monitoring your patients need with zero compromise. And helping them live more fulfilling and active lives with access to high quality scientific products.

GOING FOR ZERO COMPROMISE on healthier lives.

ReCor Medical
Ultrasound Renal Denervation Therapy

Napp Pharmaceuticals Limited is a UK healthcare company with a strong track record in bringing high-quality, innovative medicines to UK health professionals and their patients. We believe in excellence and delivering on our promises to the NHS, patients, our business partners and each other. We strive to offer new medicines and initiatives that meet genuine needs, make a positive difference to patients’ lives and support the NHS in delivering effective, high-quality, sustainable healthcare.
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