Saturday 31 July

from 12:30  CHECK-IN AND REGISTRATION - College Office

Evening  Trinity College Bar

Sunday 1 August

08.30  WELCOME  
       C Black and J Korn

08:40  THE CARWILE LEROY MEMORIAL LECTURE
       Transmissional mechanism that regulate mesenchymal cell differentiation and commitment
       B de Crombrugghe

09:20-10:50  SESSION I: Cellular and Molecular Immunology  
               Chairs: F Liew and M Binks
   09:20  Key Note - T cells and inflammation  
          Richard Flavell (USA)

   09:50  T cells in Scleroderma  
          C Platsourcas (USA)

   10:10  T cell suppression and TGFbeta in autoimmunity  
          S Wahl (USA)

   10:30  NK cells and Molecular Mimicry  
          R Moots (UK)

10:50-11:20  BREAK

11.20-12:50  SESSION II: Cutting Edge Technologies  
               Chairs: M Dunn and H Gardner
   11.20  Key Note - Degradomics  
          C Overall (Canada)

   11:50  Proteomic tagging  
          W Blackstock (UK)

   12:10  Genetics of autoimmune diseases  
          B Ollier (UK)

   12:30  Transcriptomics  
          M Hubank (UK)

From 12:00  POSTER PRESENTATIONS (SET UP)

12:50-13:45  LUNCH

14-15:10  SESSION III: Functional Genomics  
               Chairs: M Mayes and J Norman
   14:00  Key Note - Transcriptional control of the ECM  
          F Ramirez (USA)

   14:30  Immunogenetics and SNP analysis  
          F Tan (USA)

   14:50  Post-transcriptional modifications  
          J Godovac-Zimmermann (UK)

15:10-15:30  BREAK

15:30-17:00  SESSION IV: “The Future”  
               Chairs: C Black and J Korn
   15:30  Key Note – the role of cell-cell and cell-matrix contact in connective tissue remodeling  
          B Hinz (Switzerland)

   16:00  Controlling cell fate by TGF-beta family members  
          P ten Dijke (The Netherlands)

   16:20  Mesenchymal stem cells and tissue repair  
          M Pittenger (USA)

   16:40  Fibrocytes: role in tissue repair and fibrosis  
          R Bucala (USA)

17:00-18:30  POSTER VIEWING

18:30-20:00  RECEPTION  Wren Library Cloisters
Monday 2 August

08:30-10:00 SESSION V: Adhesion, Motility, Migration and Contraction  
**Chairs: T Krieg and R Brown**

08:30 **Key Note** - Diverse role of integrins and their ligands in biology  
D Sheppard (USA)

09:00 Cell movement: cues and mechanism(s)  
K Wolf (FRG)

09:20 Tissue movements in wound repair  
P Martin (UK)

10:00-10:30 BREAK

10:30-12:00 SESSION VI: Extracellular matrix and remodeling  
**Chairs: A Postlethwaite and F Ramirez**

10:30 **Key Note** - Regulation of cell invasion and migration via targeted proteolysis  
G Murphy (UK)

11:00 Role of collagen cross-linking in fibrosis  
R Bank (Netherlands)

11:20 Supramolecular organisation of the ECM  
C KE Kadler (UK)

11:40 Fibroblast formation of microfibrils  
B Lafyatis (USA)

12:00-13:00 LUNCH

13:00-14:10 SESSION VII: Vascular Remodeling  
**Chairs: J Pearson and C Jackson**

13:00 **Key Note** - Vessel remodeling and scarring  
P Weissberg (UK)

13:30 Control of vascular smooth muscle cell differentiation  
R Schwartz (USA)

13:50 The role of pericytes in blood vessel development and function  
C Betsholtz (Sweden)

15:00-15:30 CAIUS COLLEGE LIBRARY TOUR

16:10-17:00 POSTER VIEWING

17:00-19:00 SESSION VIII: Animal Models  
**Chairs: G Wick and D Abraham**

17:00 **Key Note** – BMP/CTGF  
K Lyons (USA)

17:30 Approaches to cutaneous fibrosis  
Y Mori (USA)

17:50 Transgenic directed expression  
C Denton (UK)

18:10 Molecular mechanisms of induction of skin fibrosis in TSK mice by profibrogenic cytokines  
C Bona (USA)

18:30 Transplantation models of scleroderma  
A Gilliam (USA)

19:00-20:00 ABSTRACT SESSIONS / TRAVEL AWARD PRESENTATIONS

Tuesday 3 August

08:30-10:00 SESSION IX: Cell signaling and pathways I  
**Chairs: J Varga and F Cooke**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Speaker and Location</th>
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</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Co-operation between signaling pathways</td>
<td>S Cook (UK)</td>
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<tr>
<td>09:00</td>
<td>The regulation of Fibroblast function by JNK</td>
<td>A Mauviel (FR)</td>
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<td>09:30</td>
<td>Post-transcriptional control of the inflammatory response</td>
<td>A Clark (UK)</td>
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<td>10:00</td>
<td>COFFEE BREAK</td>
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<tr>
<td>10:30</td>
<td>SESSION X: Cell signaling and pathways II</td>
<td>Chairs: A Mauviel and K Rubin</td>
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<td>10:30</td>
<td>TGF-beta and Smad signaling</td>
<td>J Varga (USA)</td>
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<td>11:00</td>
<td>Membrane rafts and cell signaling</td>
<td>J Hsuan (UK)</td>
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<td>11:30</td>
<td>Signaling pathways of the TNF superfamily</td>
<td>B Aggarwal (USA)</td>
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<td>12:00</td>
<td>LUNCH</td>
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<td>13:00</td>
<td>SESSION XI: Fibrosis</td>
<td>Chairs: C Black and J Korn</td>
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<td>13:00</td>
<td>Key note - Models and mechanisms of lung fibrosis</td>
<td>S Phan (USA)</td>
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<td>13:30</td>
<td>Fibroblast- Survival of the fittest</td>
<td>J Korn (USA)</td>
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<td>13:50</td>
<td>Transcriptional mechanisms</td>
<td>A Leask (UK)</td>
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<td>14:10</td>
<td>SHORT BREAK</td>
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<td>14:30</td>
<td>SESSION XII: Regulation of the ECM</td>
<td>Chairs: S Maity and G Bou-Gharios</td>
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<td>14:30</td>
<td>Key note - The Biology of MMP and TIMP</td>
<td>H Nagase (UK)</td>
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<td>15:00</td>
<td>Thrombin – a key player in fibrosis</td>
<td>R Silver (USA)</td>
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<td>15:20</td>
<td>CBF and collagen</td>
<td>S Jimenez (USA)</td>
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<td>15:40</td>
<td>Integrins and the Matrix</td>
<td>T Krieg (FRG)</td>
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<td>16:00</td>
<td>TEA BREAK</td>
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<td>16:30</td>
<td>SESSION XIII: Control of blood vessel development and function</td>
<td>Chairs: A Gabrielli and R Bruckdorfer</td>
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<td>16:30</td>
<td>Key Note – Biology of the Endothelin Axis</td>
<td>M Clozel (Switzerland)</td>
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<td>17:00</td>
<td>Cell specific gene targeting of blood vessels using Phage display libraries</td>
<td>C Pitzalis (UK)</td>
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<td>17:20</td>
<td>The Endothelium</td>
<td>J Pearson (UK)</td>
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<td>17:40</td>
<td>Bone Morphogenic Proteins</td>
<td>N Morrell (UK)</td>
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<td>18:00</td>
<td>POSTER VIEWING</td>
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<td>19:30</td>
<td>BANQUET (Key note lecture), Grand Hall</td>
<td>Sir Keith Peters</td>
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**Wednesday 4<sup>th</sup> August**

Scleroderma Clinical Trials Consortium Session: Biology into Practice
08:30-09:30  The Lung in Scleroderma  
Chairs: P Maddison and R du Bois
08:30  Changing concepts of pathogenesis  
A Wells (UK)  
08:50  Measurement of Outcome  
F Martinez (USA)  
09:10  Questions & Answers

09:30-10:30  Skin Involvement
09:30  The Scientific Basis for Intervention  
J Varga (UK)  
09:50  Skin as an Outcome Measure  
C Denton (UK)  
10:10  Questions & Answers

10:30-11:00  BREAK

11:00-12:30  New Investigations of Outcome
11:00  Durometer assessment of skin  
P Merkel (USA)  
11:15  Quality of Life  
P Nietert (USA)  
11:30  Decision analysis in pulmonary hypertension  
K Highland (USA)  
11:45  Long term outcomes in scleroderma patients with severe PAH  
H Farber (USA)  
12:00  Questions & Answers

12:30-13:30  LUNCH

13:30-15:00  Drug Development in Scleroderma
13:30  Standards of Approvability – U.S. View  
L Simon (USA)  
14:00  Standards of Approvability – EMEA View  
I Hudson (UK)  
14:30  Questions & Answers

15:00-16:00  PM Emerging Therapies for Scleroderma
  Immune reconstitution  
A Tyndall (Switzerland)  
Anti-fibrotic approaches  
Y Lavrosky (USA)  
Organ-specific

15:30  Roundtable Discussion ‘Is Scleroderma a treatable disease?’

16:00  SCTC Business Meeting/EUSTAR
  P Clements (USA) and Matucci-Cerinic (IT)

16:30  END OF SESSION